CECOS
INTERNATIONAL
5092 Aber Road
Williamsburg, Ohio 45176
513/724-6114

June 22, 2022

VIA EMAIL

Mr. Randall Kirkland
Ohio Environmental Protection Agency
401 East Fifth Street
Dayton, Ohio 45402-2911

RE: Detection Monitoring Program
2022 First Semiannual Groundwater Quality and Statistical Analysis Results
CECOS International, Inc. - Aber Road Facility
Williamsburg, Ohio
EPA I.D. No. OHD 087 433 744

Dear Mr. Kirkland:

Transmitted herewith is the report: "Detection Monitoring Program, 2022 First Semiannual Groundwater Quality and Statistical Analysis Results, CECOS International, Inc. - Aber Road Facility" (Eagon & Associates, Inc.; June 20, 2022). The report includes the results of the April 2022 sampling activities and statistical analysis of those results, where applicable. The 2022 first semiannual sampling event was conducted April 4 through 6, 2022.

CECOS is presently performing groundwater detection monitoring activities in accordance with the Resource Conservation & Recovery Act (RCRA) for six closed regulated units at the Aber Road facility: Secure Chemical Management Facility 6 (SCMF 6), SCMF 7, SCMF 8, SCMF 9, SCMF 10, and Fire Pond 4/5. Groundwater monitoring activities for the facility's Detection Monitoring Program (DMP) are performed in accordance with the facility's approved Post-Closure Plan (PCP) dated September 2021 and OAC Rules 3745-54-90 through 54-100, where applicable.

There were no statistically significant results identified for any indicator constituent in any monitoring well during the event. The 2022 first semiannual dissolved metals results for the Upper Sand and 880 Sand wells displayed similar characteristics to historical concentrations detected at each well or in each zone and no additional evaluation of those zones is warranted at this time.

In accordance with US EPA requirements for the facility, the April 2022 event included sampling all DMP wells for Toxic Substances Control Act parameters total organic carbon and polychlorinated biphenyls (PCBs). Those results are presented in the laboratory analytical report included in Appendix A of the attached report. No PCBs were detected in any well during the event.

As required by the Post-Closure Plan, the DMP event report is being submitted within 90 days of the April 6 completion of the 2022 first semiannual sampling event; i.e., by July 5, 2022.

Please call me at (513) 724-6114 if you have any questions regarding this submittal.

Sincerely,
CECOS International, Inc.

Andrew Thompson
Environmental Manager

Attachments: Detection Monitoring Program, 2022 First Semiannual Groundwater Quality and Statistical Analysis Results, CECOS International, Inc. - Aber Road Facility

cc: Lisa Graczyk, US EPA Region 5
Michael Beedle, US EPA Region 5
Hannah Lubbers, Director – OEQ, Clermont County
Joe Montello, Republic Services, Inc.
Michael Gibson, Eagon & Associates, Inc.

File: B.3

DETECTION MONITORING PROGRAM
2022 FIRST SEMIANNUAL
GROUNDWATER QUALITY AND
STATISTICAL ANALYSIS RESULTS

CECOS INTERNATIONAL, INC.
ABER ROAD FACILITY
WILLIAMSBURG, OHIO

EPA ID # OHD-087-433-744

Prepared for:

CECOS INTERNATIONAL, INC.

Prepared by:

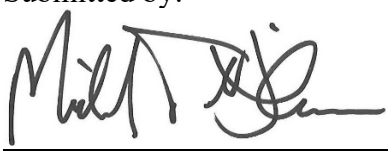
EAGON & ASSOCIATES, INC.

June 20, 2022

EAGON & ASSOCIATES, INC.
100 West Old Wilson Bridge Road, Suite 115
Worthington, Ohio 43085
(614) 888-5760

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Submitted by:



Michael T. Gibson, CPG
Hydrogeologist
Eagon & Associates, Inc.

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DETECTION MONITORING PROGRAM
2022 FIRST SEMIANNUAL
GROUNDWATER QUALITY AND
STATISTICAL ANALYSIS RESULTS
CECOS INTERNATIONAL, INC. – ABER ROAD FACILITY

1.0 INTRODUCTION

This report presents the results of the 2022 first semiannual Detection Monitoring Program (DMP) groundwater sampling event performed at CECOS International Inc.'s (CECOS) Aber Road facility in Williamsburg, Ohio (Figure 1). The report has been prepared by Eagon & Associates, Inc. (Eagon) on behalf of the facility. The 2022 first semiannual DMP groundwater sampling event was completed April 4 through 6, 2022.

CECOS is presently performing groundwater detection monitoring activities in accordance with the Resource Conservation & Recovery Act (RCRA) for six closed regulated units at the Aber Road facility: Secure Chemical Management Facility 6 (SCMF 6), SCMF 7, SCMF 8, SCMF 9, SCMF 10, and Fire Pond 4/5 (Figure 1). Although the regulated units were closed under the Interim Status hazardous waste regulations, groundwater monitoring activities are performed in accordance with Ohio EPA's more comprehensive permitted status regulations; i.e., OAC Rules 3745-54-90 through 54-100. The 2022 first semiannual DMP sampling event was performed in accordance with the facility's Ohio EPA-approved Post-Closure Plan dated September 2021.

Included herein is a summary of the April 2022 field activities, analytical results, laboratory quality assurance and quality control (QA/QC) information, chain-of-custody records, field information forms, field-meter calibration records, and the statistical analysis results. There were no statistically significant concentrations of any constituent observed for any monitoring well during the event.

1.1 Status of the Groundwater Monitoring Program

Four hydrostratigraphic zones are monitored as part of the DMP. Included in descending order are the Upper Sand, the 880 Sand, the Channel Sand, and the Bedrock-Till Interface. Only the BTI is present in all areas (Figures 2 through 5).

The DMP groundwater monitoring network consists of 45 monitoring wells, as follows:

- **Upper Sand**: one background and eight point-of-compliance monitoring wells;
- **880 Sand:** one background and 15 point-of-compliance wells;
- **Channel Sand:** one background and two point-of-compliance wells; and
- **BTI:** one background and 16 point-of-compliance wells.

In addition, site-wide water levels are measured semiannually in piezometers completed in each of the four monitoring zones. Figures 2 through 5 show the monitoring well and piezometer locations for each monitoring horizon, respectively. Tables 1A through 1D list the monitoring wells and piezometers completed in each monitoring zone.

The indicator constituents statistically evaluated for the Upper Sand, 880 Sand, Channel Sand, and the BTI zones consist of the 62 U.S. EPA SW-846 Methods 8260 and 8011 volatile organic compounds (VOCs) listed on Table 11 of the facility's Post-Closure Plan (PCP). The indicator constituents statistically evaluated for the Channel Sand and BTI zones also include dissolved RCRA metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. The Upper Sand and 880 Sand wells are sampled for the same RCRA metals; however, those results are for informational purposes only and are not statistically evaluated. In accordance with the statistical analysis program, all point-of-compliance wells in each of the four monitoring horizons are evaluated for their respective indicator constituents during each routine semiannual event.

In addition to the post-closure groundwater monitoring activities, the DMP monitoring wells are sampled for the facility's Toxic Substances Control Act (TSCA) parameters and those analytical results are also presented herein. The TSCA-specific parameters analyzed in addition to the DMP parameters are polychlorinated biphenyls (PCBs) and total organic carbon (TOC). Organic carbon is naturally occurring in groundwater at the Site and is regularly detected in most wells. No PCBs were detected in any sample collected during the April 2022 event.

2.0 EVENT SUMMARY

2.1 Field Activities

Groundwater sampling activities conducted during the 2022 first semiannual sampling event were performed by Eagon. Site-wide water levels were measured on April 4, 2022. Quality assurance/quality control (QA/QC) samples collected during the event included three duplicate samples, one field-blank sample, one matrix spike sample, and one matrix spike duplicate sample. The QA/QC samples were analyzed for all of the parameters included in the event. A trip blank was analyzed for VOCs.

As part of the routine event, the monitoring wells were purged using low-flow sampling protocols or were purged to dryness prior to sample collection following methods described in the Post-Closure Plan. Samples were collected immediately following purging at low-flow wells and after adequate recharge had occurred in wells that were purged dry. Samples were collected from wells purged dry no later than 24 hours after purging was completed.

Field measurements of depth to water, pH, temperature, specific conductance, turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were measured and recorded at each well. Depth to water, pH, temperature, and specific conductance measurements were used to monitor stabilization during purging for the purpose of determining when adequate purging had occurred in low-flow wells prior to sample collection. Field water-quality meters were calibrated and/or checked each day prior to sampling and the results of each calibration check are recorded on the field meter calibration forms, which are included in Appendix A.

Sample water for dissolved metals analysis was field filtered through inline 0.45-micron filters attached directly to the pump discharge tubing at each well.

A routine well inspection was completed at the time water levels were collected during the event. There were no well integrity issues observed during the April 2022 sampling event. The results of well integrity inspections performed at each monitoring well and piezometer and any corrective actions taken are recorded on inspection reports on file at the Site.

The field information forms and laboratory analytical data report for the event are included in Appendix A. Water levels, purge information, sample observations, and field parameters measured at each well at the time of purging and sampling are included on the field information forms.

2.2 Water Levels and Groundwater Flow

Groundwater flow conditions have been characterized for the 2022 first semiannual event using the April 4, 2022 water-level elevations measured in the monitoring wells and piezometers. All water levels were measured prior to purging any well and are summarized for the Upper Sand, 880 Sand, Channel Sand, and BTI in Tables 1A through 1D, respectively.

Figure 2 shows the contoured water-level elevations and groundwater flow conditions observed across the site within the Upper Sand at the time of the April 2022 sampling event. The Upper Sand is not present beneath the regulated units where it was excavated during construction, nor is it present in other areas of the facility located outside of its natural areal extent shown on Figure 2. Water levels and flow orientations in the Upper Sand during the event were consistent with previous observations, with groundwater flow generally toward the south in the vicinity of the regulated units.

The groundwater flow velocity in the Upper Sand at the time of the April 2022 sampling event has been calculated using the following formula:

$$\bar{v} = \frac{Ki}{n}$$

where: $\bar{v}$ = average linear flow velocity in feet per day (ft/d)

K = hydraulic conductivity (ft/d)

i = hydraulic gradient (dimensionless)

n = effective porosity (percent)

Assuming: K = 5.0 x 10^{-3} centimeters per second (cm/s), or 14 ft/d, based on the 1989 RCRA Facility Investigation (RFI); i = 2.6 x 10^{-2} in April 2022; and n = 25%; the calculated average linear groundwater flow velocity in the Upper Sand in the vicinity of the regulated units was approximately 1.5 ft/d during the event.

Figure 3 shows the contoured water-level elevations and groundwater flow conditions observed across the site within the 880 Sand at the time of the April 2022 event. As with the Upper Sand discussed above, the 880 Sand is not present where it was excavated beneath the regulated units and has limited natural areal extent outside of the units. Water levels and flow orientations in the 880 Sand during the event were consistent with previous observations. The groundwater flow direction in the vicinity of the regulated units was generally toward the south, with slight southeastward and southwestward variations in some areas (Figure 3).

Assuming: K = 1.0 x 10^{-2} cm/s (28.3 ft/d) (RFI); i = 2.0 x 10^{-2} in April 2022; and n = 25%; the calculated average linear groundwater flow velocity in the 880 Sand in the vicinity of the regulated units was approximately 2.2 ft/d during the event.

Figure 4 shows the contoured water-level elevations and groundwater flow conditions within the Channel Sand at the time of the sampling event. Water levels and flow orientations were consistent with previous observations. The groundwater flow direction in the Channel Sand follows the discrete nature of the unit and showed an eastward component of flow in the

northwestern half of the facility and a south-southeastward component of flow in the vicinity of SCMF 10 during the event.

Assuming: K = 1.0 x 10^{-1} cm/s (283 ft/d) (RFI); i = 2.9 x 10^{-4} in April 2022; and n = 25%; the calculated average linear groundwater flow velocity in the Channel Sand in the vicinity of the regulated units was approximately 0.3 ft/d during the event.

Figure 5 shows the contoured water-level elevations and groundwater flow conditions observed across the site within the Bedrock-Till Interface (BTI). April 2022 water levels and flow orientations were generally consistent with previous observations. The groundwater flow direction in the BTI varies across the site as shown on Figure 5 and is characterized as southwesterly in the western part of the site, southerly in the central area, and southeasterly in the eastern part of the site.

Assuming: K = 5.0 x 10^{-5} cm/s (0.14 ft/d) (RFI); i = 7.5 x 10^{-3} in April 2022; and n = 20%; the calculated average linear groundwater flow velocity in the BTI in the vicinity of the regulated units was approximately 5.3 x 10^{-3} ft/d during the event.

The general flow directions and velocities discussed above for each of the four monitoring zones are consistent with previous observations. The adequacy of well placement in the groundwater monitoring network has been evaluated using the April 2022 groundwater flow conditions and the requirements of OAC Rule 3745-54-97(A). Based upon that review, it is concluded that the groundwater monitoring network for the Detection Monitoring Program at the Aber Road facility continues to consist of a sufficient number of appropriately placed monitoring wells to detect statistically significant concentrations of hazardous constituents downgradient of the regulated units.

2.3 Sample Analyses and Quality Assurance

The analytical results for all inorganic parameters at each well in the Upper Sand, 880 Sand, Channel Sand, and Bedrock-Till Interface are summarized on Tables 2, 3, 4, and 5,

respectively. Table 6 summarizes the field-bias (i.e., field blank and trip blank) and laboratory method blank results from the event. The analytical methods, practical quantitation limits (PQLs; identified as "RL" in the laboratory reports), and method detection limits (MDLs) are shown on the laboratory analytical report included in Appendix A. All laboratory analyses of groundwater samples were performed by Eurofins TestAmerica Laboratories (ETA) of Amherst, New York. All field analyses were performed by Eagon personnel. The field and laboratory analytical results for April 2022 will be entered into the facility's 2022 annual groundwater reporting electronic database that will be submitted to Ohio EPA by March 1, 2023.

Duplicate samples were collected from monitoring wells MP-228AR, MP-280A, and MP-406C during the April 2022 event. The duplicate results are in close agreement with their associated monitoring well sample results. Relative percent differences (RPD) for constituents detected in all of the original and duplicate samples are shown next to their respective original well sample results on Table 3 and were below an RPD of 10 for all analytes.

A field blank sample (Field Blank – DMP) also was collected for QA/QC purposes and was prepared using laboratory supplied, reagent-grade deionized water. The field blank was analyzed for all parameters included in the monitoring event. There were no quantified detections of any constituent analyzed in the field blank. A trip blank prepared by the laboratory was analyzed for VOCs and there were no detections.

Laboratory QA/QC was evaluated internally by laboratory personnel and a summary narrative of that evaluation is included in Appendix A. No QA/QC issues noted by the laboratory required corrective action.

3.0 STATISTICAL ANALYSIS

Statistical analysis of the April 2022 semiannual DMP monitoring results was completed in accordance with the statistical program detailed in Section 11 (Groundwater Statistical Analysis Plan) of the Post-Closure Plan. Statistical analysis of the 62 indicator VOCs has been performed for all downgradient monitoring wells in all four monitoring horizons. The results for the eight

dissolved RCRA metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver were statistically evaluated for the two point-of-compliance (POC) Channel Sand monitoring wells (MP-281C and MP-406C) and the 16 POC BTI monitoring wells (MP-233R, MP-234R, MP-235R, MP-237, MP-238R, MP-241R, MP-244R, MP-250, MP-274, MP-279, MP-280 and MP-281, MP-404, MP-407, MP-408, and MP-409).

Statistical analysis was performed via the comparison of the April 2022 results to intrawell prediction limits calculated for the dissolved indicator metals using the *Sanitas*™ statistical software package, as presented in the Post-Closure Plan. The VOC results were compared to their respective PQLs.

3.1 Background Data

The intrawell statistical methods used to evaluate the dissolved metals results at the Aber Road facility involve comparisons between monitoring data collected during a background period to future semiannual sampling results from the same well to determine if the results are statistically significant. VOC results are compared to their respective PQLs. Current summary background statistics computed for each downgradient well, for each RCRA metal, are presented in Appendix B.

3.2 Statistical Analysis of VOCs

In accordance with the statistical analysis plan, a statistically significant result for any one of the 62 VOCs on the DMP indicator parameter list is defined as a confirmed detection at or above the constituent's PQL at the point-of-compliance. Thus, if a VOC is detected at or above its PQL in a sample collected during a routine sampling event, and a resample and reanalysis is conducted and the VOC also is detected at or above its PQL in the resample, then the VOC result reported during the routine event is considered statistically significant.

Summaries of comparisons of the VOC results to their respective PQLs at the downgradient monitoring wells are presented in Tables 2 through 5. An “ND” result on the tables

indicates that all 62 VOCs analyzed were not detected at or above their respective PQLs for that well. There were no VOCs detected at or above their respective PQLs at any monitoring well during the April 2022 event. Therefore, no statistical exceedances of VOCs occurred during the event.

3.3 Statistical Analysis of Dissolved Metals Results

The results of the statistical analyses for the dissolved metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver were completed for the Channel Sand and BTI zones and are presented in Appendix B. No statistically significant results were identified during the event.

As with past events, arsenic and barium were detected at most wells. Cadmium, chromium, lead, mercury, selenium, and silver were not detected at or above their PQLs at any Channel Sand or BTI monitoring well during the event. Arsenic and barium are naturally occurring in all saturated intervals monitored at the site.

4.0 EVALUATION OF DISSOLVED METALS RESULTS FROM THE UPPER SAND AND 880 SAND

Semiannual dissolved metals results from the Upper Sand and 880 Sand monitoring networks are not statistically evaluated; however, those results are reviewed qualitatively for reference purposes. For the April 2022 event, time-series plots were generated for the eight dissolved metals routinely sampled in the Upper Sand and 880 Sand zones and are presented in Appendix C (Upper Sand) and Appendix D (880 Sand). Included are plots for dissolved arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. Dissolved arsenic and chromium results are available for wells included in the monitoring program since as far back as 1997, whereas dissolved barium, cadmium, lead, mercury, selenium, and silver have been routinely analyzed since October 2012.

The barium concentration (37 ug/L) at Upper Sand monitoring well MP-402A in April 2022 was reduced from its historical maximum of 52 ug/L observed in October 2021. The recent barium concentrations in the well continue to be consistent with those observed at other Upper Sand wells, including nearby wells MP-244ARR (59 ug/L) and MP-401A (37 ug/L). Changes in barium concentrations in many Upper Sand wells continue to display seasonal fluctuations (Appendix C). Higher concentrations are often observed during the fall events compared to spring.

Arsenic concentrations at 880 Sand wells MP-230A (08.6 ug/L) and MP-280A (18 ug/L) were reduced in April 2022 compared to upper-range concentrations of 11 and 25 ug/L, respectively, observed at the wells in October 2020. The April 2022 results support previous observations that concentrations and variability of arsenic at these wells are within the normal range of concentrations observed at other Site wells in the 880 Sand.

As shown on the time-series plots, the April 2022 metals results were within the range of previously observed concentrations in all Upper Sand and 880 Sand monitoring wells. Arsenic is typically detected in most wells and barium was detected in all Upper Sand and 880 Sand wells during the event. Low-level detections of chromium were reported for Upper Sand well MP-235CR (5.56 ug/L) and 880 Sand wells MP-211BR (9.9 ug/L) and MP-235BR (7.3 ug/L) and all detections were within the range of historical results at those wells. Chromium is sporadically detected in several monitoring wells installed in both the Upper Sand and 880 Sand zones.

No detections of any other metals at or above their respective PQLs in the 880 Sand or Upper Sand monitoring wells were identified during the event. Based on the review of the April 2022 sampling results, no additional evaluation of the Upper Sand and 880 Sand monitoring zones is warranted at this time.

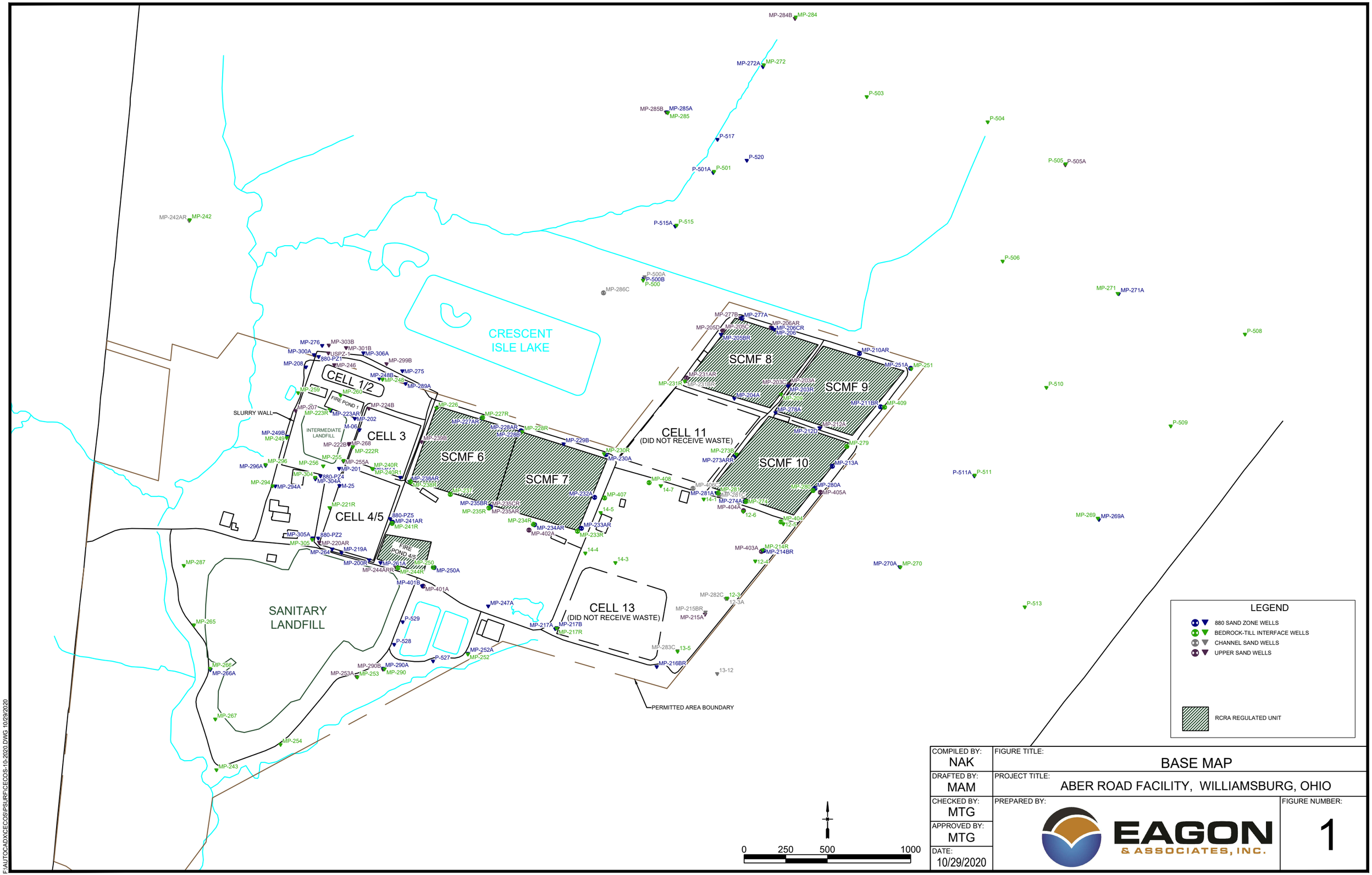
5.0 SUMMARY

Analysis of the 2022 first semiannual DMP groundwater quality sampling results collected in April 2022 confirmed that no statistically significant concentrations for the indicator constituents were present at any well downgradient of the regulated units at the Aber Road facility.

April 2022 sampling results for TOC and PCBs for all 45 DMP monitoring wells are presented herein in Appendix A. TOC and PCBs are analyzed during routine DMP sampling events in accordance with the facility's TSCA monitoring requirements. No PCBs were detected in any DMP monitoring well during the event.

The next routine semiannual DMP groundwater sampling event is tentatively scheduled for October 2022.

FIGURES



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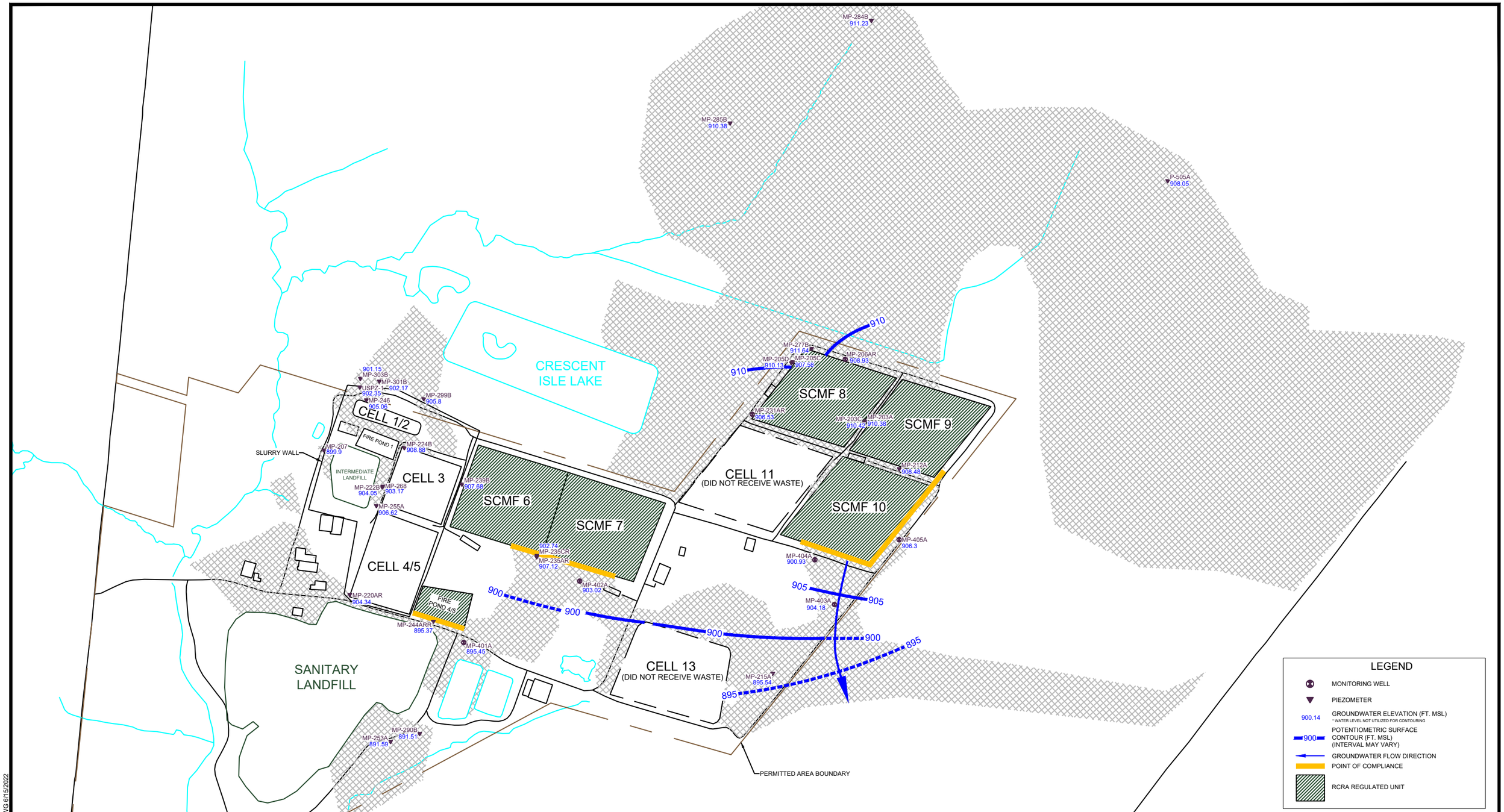

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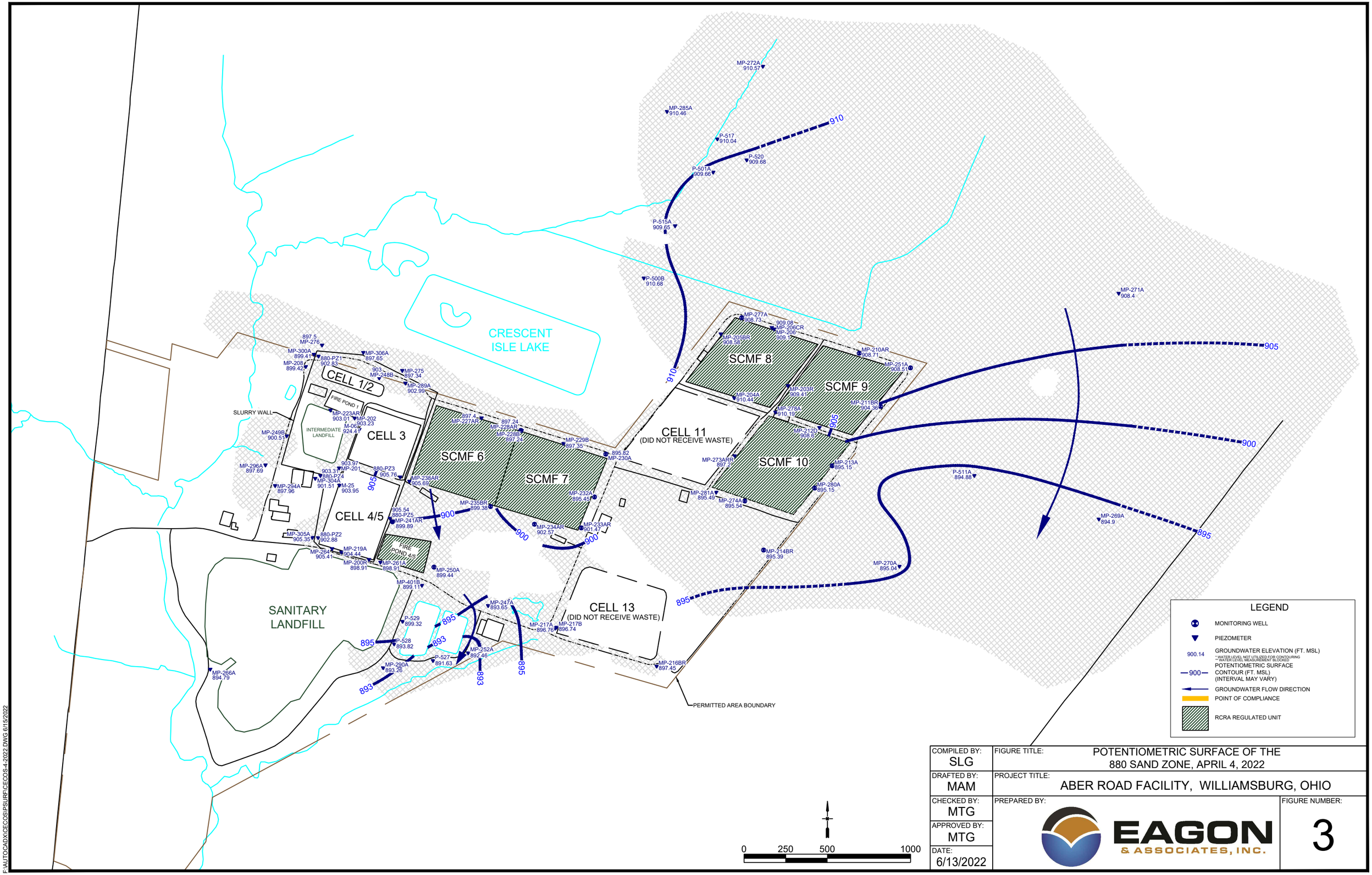

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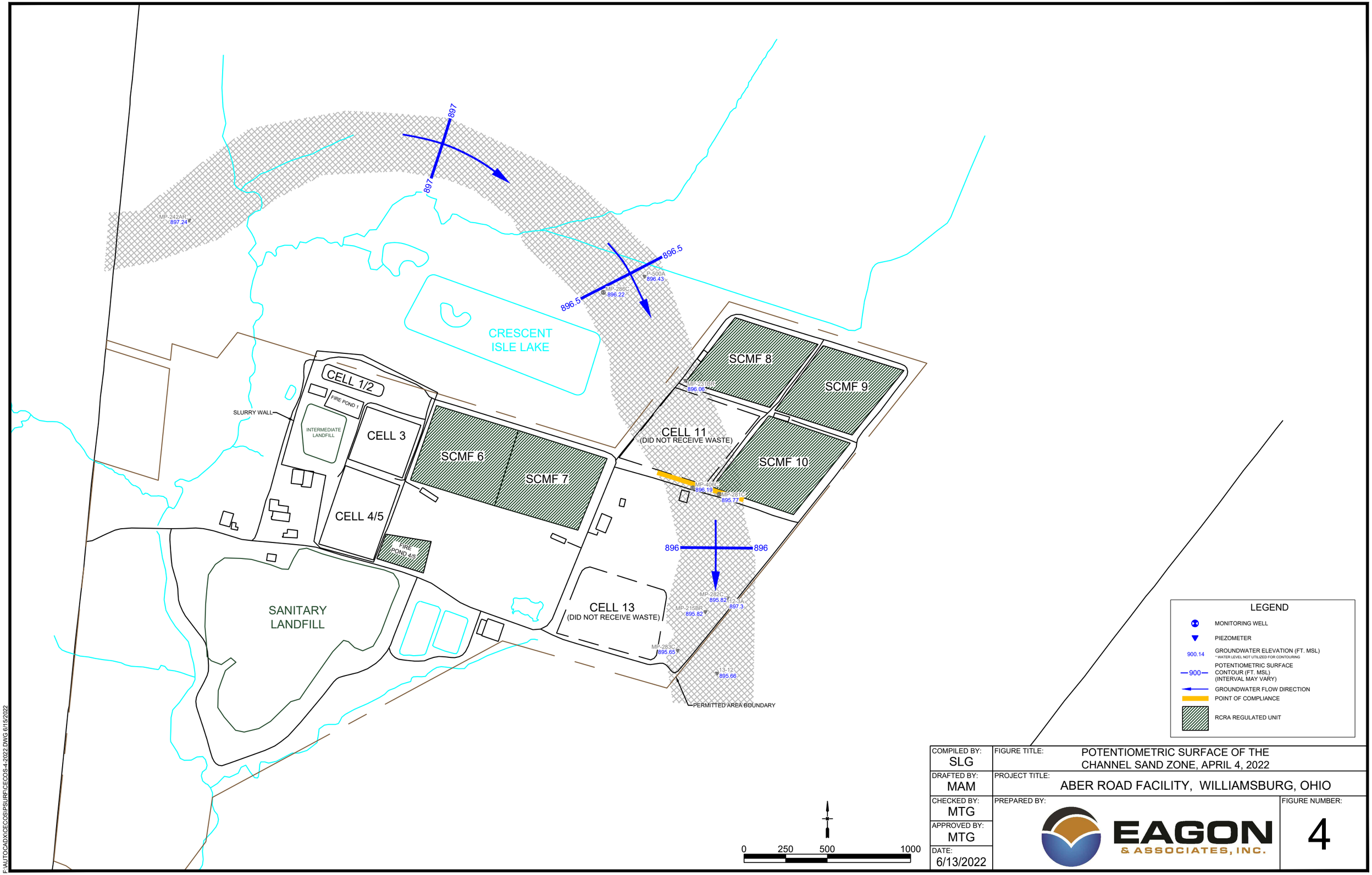
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SLURRY WALL
INTERMEDIATE
LANDFILL
CELL 3
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CELL 4/5
FIRE
POND 4/5
SANITARY
LANDFILL
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500
1000
LEGEND
MONITORING WELL
PIEZOMETER
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* WATER LEVEL NOT UTILIZED FOR CONTOURING
900
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CONTOUR (FT. MSL)
(INTERVAL MAY VARY)
GROUNDWATER FLOW DIRECTION
POINT OF COMPLIANCE
RCRA REGULATED UNIT
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SLG
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CHECKED BY:
MTG
APPROVED BY:
MTG
DATE:
6/13/2022
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POTENTIOMETRIC SURFACE OF THE
CHANNEL SAND ZONE, APRIL 4, 2022
PROJECT TITLE:
ABER ROAD FACILITY, WILLIAMSBURG, OHIO
PREPARED BY:
EAGON
& ASSOCIATES, INC.
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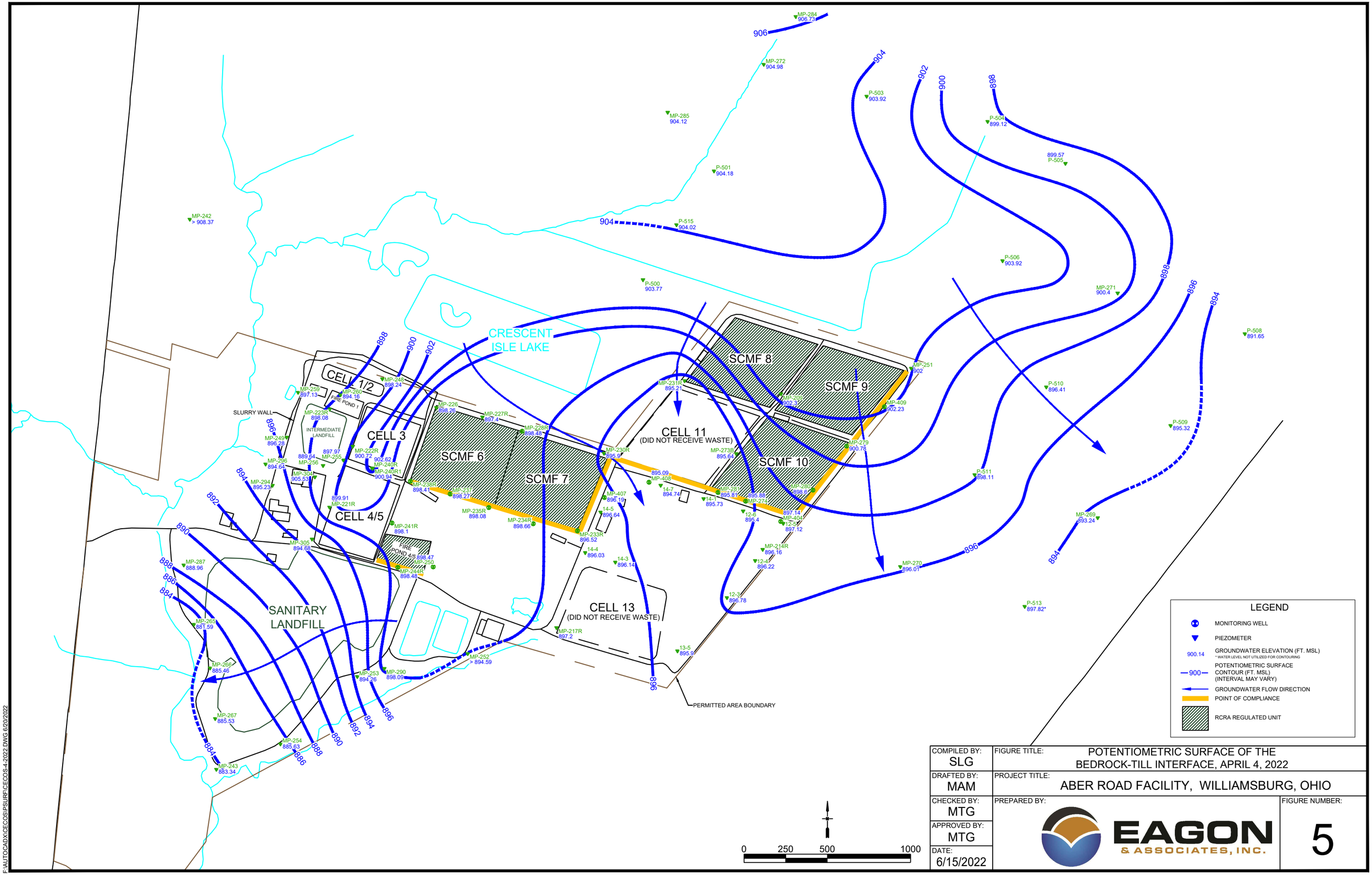

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APPROVED BY: MTG	FIGURE NUMBER: 5
DATE: 6/15/2022	

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TABLES

TABLE 1A.
MEASURED WATER LEVELS IN THE UPPER SAND ZONE
APRIL 4, 2022
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Groundwater Elevation (ft, MSL)	Notes
MP-203A	PZ	928.74	10:26	18.36	910.38	
MP-203C	PZ	927.60	10:27	17.18	910.42	
MP-205C	PZ	915.36	10:48	7.78	907.58	
MP-205D	PZ	915.73	10:50	5.60	910.13	
MP-206AR	MW	916.73	10:58	7.80	908.93	
MP-207	MW	906.54	9:14	6.64	899.90	
MP-212A	PZ	913.30	10:08	4.82	908.48	
MP-215A	MW	909.11	9:13	13.57	895.54	
MP-220AR	PZ	910.10	11:33	5.76	904.34	
MP-222B	MW	910.09	10:46	6.04	904.05	
MP-224B	MW	913.83	10:17	4.95	908.88	
MP-231AR	MW	915.73	10:45	9.20	906.53	
MP-235AR	PZ	913.53	10:43	6.41	907.12	
MP-235CR	MW	914.66	10:47	11.92	902.74	
MP-239B	MW	915.58	10:25	7.90	907.68	
MP-244ARR	MW	909.82	8:53	14.45	895.37	
MP-246	MW	908.59	9:36	3.53	905.06	
MP-253A	PZ	900.34	11:38	8.75	891.59	
MP-255A	PZ	910.82	10:53	4.20	906.62	
MP-268	PZ	910.12	10:47	6.95	903.17	
MP-277B	PZ	915.56	10:53	3.92	911.64	
MP-284B	PZ	913.31	11:32	2.08	911.23	
MP-285B	PZ	915.27	11:07	4.89	910.38	
MP-290B	MW	898.71	11:33	7.20	891.51	
MP-299B	PZ	911.62	9:52	5.82	905.80	
MP-301B	PZ	907.90	9:44	5.73	902.17	
MP-303B	MW	906.24	9:48	5.09	901.15	
MP-401A	MW	906.37	9:08	10.92	895.45	
MP-402A	MW	908.42	10:55	5.40	903.02	
MP-403A	MW	912.37	9:22	8.19	904.18	
MP-404A	MW	915.09	9:50	14.16	900.93	
MP-405A	MW	911.02	9:52	4.72	906.30	
P-505A	PZ	915.97	10:11	7.92	908.05	
USPZ-1	PZ	908.00	12:16	5.65	902.35	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1B.
MEASURED WATER LEVELS IN THE 880 SAND ZONE
APRIL 4, 2022
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Groundwater Elevation (ft, MSL)	Notes
880-PZ1	PZ	908.49	9:26	5.66	902.83	
880-PZ2	PZ	907.11	11:28	4.23	902.88	
880-PZ3	PZ	915.45	10:29	9.69	905.76	
880-PZ4	PZ	909.45	11:16	6.14	903.31	
880-PZ5	PZ	914.42	11:50	8.88	905.54	
M-06	PZ	932.75	10:36	8.34	924.41	
M-25	PZ	913.32	11:08	9.37	903.95	
MP-200R	PZ	913.79	11:41	14.88	898.91	
MP-201	PZ	909.86	10:55	5.89	903.97	
MP-202	MW	911.89	10:27	8.66	903.23	
MP-203R	PZ	927.77	10:29	18.36	909.41	
MP-204A	PZ	917.16	10:38	6.72	910.44	
MP-205BR	PZ	914.62	10:47	6.04	908.58	
MP-206	PZ	915.99	10:56	6.89	909.10	
MP-206CR	PZ	915.31	10:59	6.23	909.08	
MP-208	MW	907.57	9:20	8.15	899.42	
MP-210AR	MW	912.83	10:22	4.12	908.71	
MP-211BR	MW	911.09	10:13	6.73	904.36	
MP-212D	PZ	912.48	10:10	3.88	908.60	
MP-213A	MW	912.98	10:01	17.83	895.15	
MP-214BR	MW	910.29	9:24	14.90	895.39	
MP-216BR	MW	911.36	9:01	13.91	897.45	
MP-217A	PZ	914.14	9:22	17.38	896.76	
MP-217B	PZ	914.24	9:26	17.50	896.74	
MP-219A	MW	912.34	11:39	7.90	904.44	
MP-223AR	PZ	910.63	10:32	7.62	903.01	
MP-227AR	PZ	912.12	10:18	14.72	897.40	
MP-228AR	MW	911.64	10:10	14.40	897.24	
MP-228B	PZ	911.34	10:07	14.10	897.24	
MP-229B	PZ	910.63	9:59	13.28	897.35	
MP-230A	MW	908.75	12:24	12.93	895.82	
MP-232A	MW	909.75	9:55	14.30	895.45	
MP-233AR	MW	907.44	9:44	5.97	901.47	
MP-234AR	MW	910.90	10:53	8.33	902.57	
MP-235BR	MW	914.50	10:45	15.12	899.38	
MP-238AR	MW	916.36	12:05	10.67	905.69	
MP-241AR	MW	916.39	11:48	16.50	899.89	
MP-247A	PZ	908.47	9:15	14.82	893.65	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1B.
MEASURED WATER LEVELS IN THE 880 SAND ZONE
APRIL 4, 2022
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Groundwater Elevation (ft, MSL)	Notes
MP-248B	MW	909.77	9:58	6.77	903.00	
MP-249B	MW	903.68	9:10	3.17	900.51	
MP-250A	MW	910.24	9:03	10.80	899.44	
MP-251A	MW	911.54	10:17	3.03	908.51	
MP-252A	MW	894.88	11:01	2.42	892.46	
MP-261A	PZ	912.36	8:50	13.45	898.91	
MP-264	PZ	909.85	11:36	4.44	905.41	
MP-266A	PZ	899.54	11:57	4.75	894.79	
MP-269A	PZ	912.62	9:30	17.72	894.90	
MP-270A	PZ	911.54	9:22	16.50	895.04	
MP-271A	PZ	914.14	9:52	5.74	908.40	
MP-272A	PZ	913.37	11:19	2.80	910.57	
MP-273ARR	PZ	932.26	11:14	35.06	897.20	
MP-274A	MW	912.78	11:28	17.24	895.54	
MP-275	MW	911.89	10:03	14.55	897.34	
MP-276	MW	906.81	9:31	9.31	897.50	
MP-277A	MW	915.24	10:52	6.51	908.73	
MP-278A	PZ	919.23	10:35	9.04	910.19	
MP-280A	MW	912.28	9:54	17.13	895.15	
MP-281A	PZ	913.69	11:21	18.20	895.49	
MP-285A	PZ	916.14	11:06	5.68	910.46	
MP-289A	PZ	913.33	10:05	10.34	902.99	
MP-290A	PZ	899.09	11:26	5.83	893.26	
MP-294A	PZ	905.35	8:55	7.39	897.96	
MP-296A	PZ	902.90	9:00	5.21	897.69	
MP-300A	PZ	907.33	9:27	7.92	899.41	
MP-304A	MW	908.42	11:12	6.91	901.51	
MP-305A	MW	908.11	11:27	2.76	905.35	
MP-306A	MW	911.34	12:13	13.69	897.65	
MP-401B	MW	906.56	9:10	7.45	899.11	
P-500B	PZ	914.82	12:06	4.14	910.68	
P-501A	PZ	913.93	10:37	4.27	909.66	
P-511A	PZ	913.52	9:38	18.64	894.88	
P-515A	PZ	913.01	10:47	3.36	909.65	
P-517	PZ	912.34	11:14	2.30	910.04	
P-520	PZ	914.77	10:34	5.09	909.68	
P-527	PZ	894.90	11:08	3.27	891.63	
P-528	PZ	900.31	11:14	6.49	893.82	
P-529	PZ	902.51	11:29	3.19	899.32	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1C.
MEASURED WATER LEVELS IN THE CHANNEL SAND ZONE
APRIL 4, 2022
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Groundwater Elevation (ft, MSL)	Notes
12-3A	PZ	911.99	9:30	14.69	897.30	
13-12	PZ	913.13	9:10	17.47	895.66	
MP-215BR	MW	909.99	9:16	14.17	895.82	
MP-231BR	PZ	917.95	10:43	21.89	896.06	
MP-242AR	PZ	909.42	12:22	12.18	897.24	
MP-281C	MW	914.12	11:23	18.35	895.77	
MP-282C	PZ	911.37	9:35	15.55	895.82	
MP-283C	PZ	915.34	9:09	19.69	895.65	
MP-286C	MW	914.59	12:00	18.37	896.22	
MP-406C	MW	917.40	11:10	21.21	896.19	
P-500A	PZ	915.99	12:08	19.56	896.43	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1D.
MEASURED WATER LEVELS IN THE BEDROCK-TILL INTERFACE
APRIL 4, 2022
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Groundwater Elevation (ft, MSL)	Notes
12-3	PZ	910.04	11:44	13.26	896.78	
12-4	PZ	911.99	11:45	15.77	896.22	
12-5	PZ	910.04	11:49	12.92	897.12	
12-6	PZ	914.67	11:53	19.27	895.40	
13-5	PZ	914.92	9:05	19.02	895.90	
14-1	PZ	917.02	11:18	21.29	895.73	
14-3	PZ	908.12	9:35	11.98	896.14	
14-4	PZ	911.16	9:32	15.13	896.03	
14-5	PZ	910.09	12:22	13.45	896.64	
14-7	PZ	917.05	11:08	22.31	894.74	
MP-209	PZ	923.14	10:32	20.84	902.30	
MP-214R	PZ	910.86	9:26	14.70	896.16	
MP-217R	PZ	912.91	9:20	15.71	897.20	
MP-221R	PZ	910.54	11:20	10.63	899.91	
MP-222R	PZ	911.89	10:43	11.17	900.72	
MP-223R	PZ	910.05	10:31	11.97	898.08	
MP-226	PZ	913.85	10:21	15.59	898.26	
MP-227R	MW	913.00	10:15	15.60	897.40	
MP-228R	PZ	911.41	10:04	12.93	898.48	
MP-230R	PZ	908.28	12:27	12.38	895.90	
MP-231R	PZ	916.06	10:41	20.85	895.21	
MP-233R	MW	907.00	9:41	10.48	896.52	
MP-234R	MW	911.88	10:51	13.22	898.66	
MP-235R	MW	914.84	10:41	16.76	898.08	
MP-237	MW	913.68	10:38	15.41	898.27	
MP-238R	MW	915.31	12:03	16.90	898.41	
MP-240R	PZ	923.97	11:02	21.35	902.62	
MP-240R1	PZ	922.46	11:04	21.52	900.94	
MP-241R	MW	913.57	11:46	15.47	898.10	
MP-242	PZ	908.37	12:20	--	> 908.37	Flowing
MP-243	PZ	883.37	11:49	0.03	883.34	
MP-244R	MW	909.73	8:56	11.25	898.48	
MP-248	PZ	909.81	9:56	11.57	898.24	
MP-249	PZ	904.29	9:08	8.01	896.28	
MP-250	MW	910.07	9:00	11.60	898.47	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1D.
MEASURED WATER LEVELS IN THE BEDROCK-TILL INTERFACE
APRIL 4, 2022
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Groundwater Elevation (ft, MSL)	Notes
MP-251	PZ	910.99	10:19	8.99	902.00	
MP-252	MW	894.59	11:04	<0.00	> 894.59	Flowing
MP-253	PZ	901.36	11:40	7.10	894.26	
MP-254	PZ	886.47	11:43	0.84	885.63	
MP-255	PZ	909.81	10:52	11.84	897.97	
MP-256	PZ	909.57	10:58	19.93	889.64	
MP-259	PZ	904.17	9:17	7.04	897.13	
MP-260	PZ	911.12	10:20	16.96	894.16	
MP-265	PZ	886.34	12:01	4.75	881.59	
MP-266	PZ	899.14	11:56	13.68	885.46	
MP-267	PZ	891.68	11:53	6.15	885.53	
MP-269	PZ	912.79	9:32	19.55	893.24	
MP-270	MW	911.94	9:20	15.93	896.01	
MP-271	PZ	914.70	9:54	14.30	900.40	
MP-272	PZ	912.79	11:20	7.81	904.98	
MP-273B	PZ	932.17	11:15	36.53	895.64	
MP-274	MW	912.20	11:27	16.32	895.88	
MP-279	MW	910.36	10:06	9.58	900.78	
MP-280	MW	912.49	9:56	13.89	898.60	
MP-281	MW	913.53	11:20	17.72	895.81	
MP-284	PZ	913.43	11:34	6.70	906.73	
MP-285	PZ	915.37	11:05	11.25	904.12	
MP-287	PZ	889.18	12:04	0.22	888.96	
MP-290	PZ	898.20	11:29	0.11	898.09	
MP-294	PZ	906.14	8:52	10.91	895.23	
MP-296	PZ	902.87	9:02	8.23	894.64	
MP-304	MW	908.36	11:14	2.83	905.53	
MP-305	MW	907.74	11:25	13.06	894.68	
MP-404	MW	912.75	9:43	15.61	897.14	
MP-407	MW	910.31	9:50	14.12	896.19	
MP-408	MW	916.41	11:07	21.32	895.09	
MP-409	MW	911.83	10:15	9.60	902.23	
P-500	PZ	914.68	12:04	10.91	903.77	
P-501	PZ	914.30	10:36	10.12	904.18	
P-503	PZ	916.15	10:26	12.23	903.92	
P-504	PZ	915.71	10:21	16.59	899.12	
P-505	PZ	916.40	10:13	16.83	899.57	
P-506	PZ	916.06	10:06	12.14	903.92	
P-508	PZ	913.19	9:57	21.54	891.65	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1D.
MEASURED WATER LEVELS IN THE BEDROCK-TILL INTERFACE
APRIL 4, 2022
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Groundwater Elevation (ft, MSL)	Notes
P-509	PZ	909.97	9:42	14.65	895.32	
P-510	PZ	914.17	9:46	17.76	896.41	
P-511	PZ	913.22	9:37	15.11	898.11	
P-513	PZ	912.76	9:26	14.94	897.82	
P-515	PZ	913.13	10:48	9.11	904.02	

Note: PZ = piezometer; MW = monitoring well.

TABLE 2.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
UPPER SAND ZONE
APRIL 2022
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-206AR	MP-231AR	MP-235CR	MP-244ARR	MP-401A	MP-402A	MP-403A	MP-404A	MP-405A
		4/6/2022	4/5/2022	4/5/2022	4/5/2022	4/5/2022	4/4/2022	4/5/2022	4/5/2022	4/6/2022
Arsenic, Dissolved	mg/L	<0.001	**0.0023**	<0.001	**0.0075**	<0.001	**0.0036**	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	**0.0078**	**0.0044**	**0.010**	**0.059**	**0.037**	**0.041**	**0.0110**	**0.041**	**0.012**
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	**0.0056**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - no detections at or above PQL.
NC - not calculable

TABLE 3.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
880 SAND ZONE
APRIL 2022
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-210AR	MP-211BR	MP-213A	MP-214BR	MP-228AR	Dup-DMP#1	
		4/5/2022	4/6/2022	4/6/2022	4/5/2022	4/6/2022		RPD
Arsenic, Dissolved	mg/L	**0.0016**	<0.001	<0.001	**0.0018**	**0.0039**	**0.0037**	5.3%
Barium, Dissolved	mg/L	**0.053**	**0.033**	**0.038**	**0.0110**	**0.027**	**0.026**	3.8%
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NC
Chromium, Dissolved	mg/L	<0.005	**0.0099**	<0.005	<0.005	<0.005	<0.005	NC
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NC
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NC
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	NC
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	NC
VOCs	ug/L	ND	ND	ND	ND	ND	ND	NC

ND - no detections at or above PQL.
NC - not calculable

TABLE 3.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
880 SAND ZONE
APRIL 2022
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-230A	MP-232A	MP-233AR	MP-234AR	MP-235BR	MP-250A	MP-251A	MP-274A	MP-277A	MP-280A	Dup-DMP#3		MP-401B
		4/6/2022	4/5/2022	4/5/2022	4/4/2022	4/5/2022	4/5/2022	4/6/2022	4/6/2022	4/5/2022	4/6/2022		RPD	4/5/2022
Arsenic, Dissolved	mg/L	**0.0086**	**0.0062**	**0.0046**	**0.0036**	**0.0018**	**0.0049**	**0.0030**	**0.0550**	**0.0045**	**0.018**	**0.018**	0.0%	**0.0046**
Barium, Dissolved	mg/L	**0.029**	**0.025**	**0.021**	**0.0082**	**0.011**	**0.0290**	**0.095**	**0.025**	**0.025**	**0.022**	**0.022**	0.0%	**0.035**
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NC	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	**0.0073**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NC	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NC	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	NC	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	NC	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	NC	<0.003
VOCs	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NC	ND

ND - no detections at or above PQL.
NC - not calculable

TABLE 4.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHANNEL SAND ZONE
APRIL 2022
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-281C	MP-286C	MP-406C	Dup-DMP#2	
		4/6/2022	4/6/2022	4/5/2022		RPD
Arsenic, Dissolved	mg/L	**0.0042**	**0.0031**	**0.0035**	**0.0034**	2.9%
Barium, Dissolved	mg/L	**0.045**	**0.120**	**0.140**	**0.1400**	0.0%
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	NC
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	NC
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	NC
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	NC
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	NC
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	NC
VOCs	ug/L	ND	ND	ND	ND	NC

ND - no detections at or above PQL.
NC - not calculable

TABLE 5.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
BEDROCK-TILL INTERFACE
APRIL 2022
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-228R 4/6/2022	MP-233R 4/6/2022	MP-234R 4/4/2022	MP-235R 4/5/2022	MP-237 4/4/2022	MP-238R 4/5/2022
Arsenic, Dissolved	mg/L	**0.0033**	**0.0020**	<0.001	<0.001	<0.001	<0.001
Barium, Dissolved	mg/L	**0.061**	**0.420**	**0.043**	**0.041**	**0.031**	**0.044**
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND	ND	ND	ND

ND - no detections at or above PQL.
NC - not calculable

TABLE 5.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
BEDROCK-TILL INTERFACE
APRIL 2022
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-241R 4/4/2022	MP-244R 4/5/2022	MP-250 4/5/2022	MP-274 4/6/2022	MP-279 4/6/2022	MP-280 4/5/2022
Arsenic, Dissolved	mg/L	<0.001	<0.001	**0.0014**	<0.001	<0.001	**0.0240**
Barium, Dissolved	mg/L	**0.051**	**0.018**	**0.044**	**0.420**	**1.100**	**0.290**
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND	ND	ND	ND

ND - no detections at or above PQL.
NC - not calculable

TABLE 5.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
BEDROCK-TILL INTERFACE
APRIL 2022
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-281	MP-404	MP-407	MP-408	MP-409
		4/5/2022	4/5/2022	4/5/2022	4/5/2022	4/6/2022
Arsenic, Dissolved	mg/L	<0.001	**0.0014**	<0.001	**0.0710**	**0.0018**
Barium, Dissolved	mg/L	**0.260**	**0.360**	**0.730**	**0.730**	**0.12**
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND	ND	ND

ND - no detections at or above PQL.
NC - not calculable

TABLE 6.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
QA/QC SAMPLES
APRIL 2022
CECOS - ABER ROAD FACILITY

Constituent	Field Blank DMP 4/5/2022	Method Blank	Trip Blank
Arsenic, Dissolved	<0.001	<0.001 (3)	--
Barium, Dissolved	<0.002	<0.002 (3)	--
Cadmium, Dissolved	<0.001	<0.001 (3)	--
Chromium, Dissolved	<0.005	<0.005 (3)	--
Lead, Dissolved	<0.005	<0.005 (3)	--
Mercury, Dissolved	<0.0002	<0.0002 (3)	--
Selenium, Dissolved	<0.015	<0.015 (3)	--
Silver, Dissolved	<0.003	<0.003 (5)	--
VOCs	ND	ND (8)	ND

ND - no detections at or above PQL.

-- Not Analyzed

( ) Number of Method Blank batches run by laboratory for parameter.

See Laboratory Report QA/QC section for separate analyses.

APPENDIX A.

LABORATORY DATA REPORT, FIELD INFORMATION FORMS, CHAIN-OF-CUSTODY RECORDS, AND FIELD METER CALIBRATION RECORDS FOR THE APRIL 2022 FIRST SEMIANNUAL SAMPLING EVENT

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-196532-1
Client Project/Site: Aber Rd. Landfill - DMP Semiannual
Revision: 1

For:
Republic Services Inc
5092 Aber Road
Williamsburg, Ohio 45176

Attn: Mr. Andrew Thompson

Authorized for release by:
5/12/2022 3:21:18 PM

Brian Fischer, Manager of Project Management
(716)504-9835
Brian.Fischer@et.eurofinsus.com

LINKS

Review your project results through TotalAccess

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

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

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

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I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Brian Fischer
Manager of Project Management
5/12/2022 3:21:18 PM

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

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

Glossary

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

Job ID: 480-196532-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative
480-196532-1

Comments
This report has been revised to change sample ID MP-203A to MP-230A per client instruction.

Receipt
The samples were received on 4/7/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 10 coolers at receipt time were 1.4º C, 1.6º C, 2.1º C, 2.4º C, 2.5º C, 2.9º C, 3.0º C, 3.1º C, 3.3º C and 3.6º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-621058 recovered above the upper control limit for 2-Hexanone, Methacrylonitrile, Methyl methacrylate, 4-Methyl-2-pentanone (MIBK) and 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MP-228AR (480-196532-1), DUPLICATE DMP #1 (480-196532-2), MP-228R (480-196532-3), MP-203A (480-196532-4), MP-233R (480-196532-5), MP-211BR (480-196532-6), MP-280A (480-196532-7), MP-405A (480-196532-8), DUPLICATE DMP #3 (480-196532-9), MP-213A (480-196532-10), MP-279 (480-196532-11), MP-251A (480-196532-12), MP-286C (480-196532-13), MP-274 (480-196532-14), MP-274A (480-196532-15), MP-281C (480-196532-16) and MP-409 (480-196532-17).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-621058 recovered outside control limits for the following analyte(s): Dichlorodifluoromethane. Dichlorodifluoromethane has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-621058 recovered outside control limits for the following analytes: 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Ethyl methacrylate and trans-1,3-Dichloropropene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-621105 recovered outside control limits for the following analytes: 1,4-Dioxane and Ethyl methacrylate. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: MP-402A (480-196601-1), MP-234R (480-196601-2), MP-234AR (480-196601-3), MP-241R (480-196601-4), MP-237 (480-196601-5), MP-233AR (480-196601-6), MP-404 (480-196601-7), MP-404A (480-196601-8), MP-403A (480-196601-9), MP-214BR (480-196601-10), MP-406C (480-196601-11), DUPLICATE-DMP #2 (480-196601-12), MP-281 (480-196601-13), MP-235BR (480-196601-14), MP-235CR (480-196601-15), MP-235R (480-196601-16), MP-238R (480-196601-17), MP-401A (480-196601-18), MP-408 (480-196601-20) and MP-280 (480-196601-21).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-621105 recovered above the upper control limit for 1,4-Dioxane, Ethyl methacrylate and Methyl methacrylate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MP-402A (480-196601-1), MP-234R (480-196601-2), MP-234AR (480-196601-3), MP-241R (480-196601-4), MP-237 (480-196601-5), MP-233AR (480-196601-6), MP-404 (480-196601-7), MP-404A (480-196601-8), MP-403A (480-196601-9), MP-214BR (480-196601-10), MP-406C (480-196601-11), DUPLICATE-DMP #2 (480-196601-12), MP-281 (480-196601-13), MP-235BR (480-196601-14), MP-235CR (480-196601-15), MP-235R (480-196601-16), MP-238R (480-196601-17), MP-401A (480-196601-18), MP-408 (480-196601-20) and MP-280 (480-196601-21).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-621105 were outside control limits. Sample matrix interference is suspected.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-621350 recovered above the upper control limit for 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and Tetrahydrofuran. The samples associated with this CCV were not detected above the reporting limit (RL)for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MP-401B (480-196601-19), MP-210AR (480-196601-22), MP-206AR (480-196601-23), FIELD BLANK DMP (480-196601-24), MP-277A (480-196601-25), MP-231AR (480-196601-26), MP-250A (480-196601-27), MP-250 (480-196601-28), MP-244R (480-196601-29), MP-244ARR (480-196601-30), MP-407 (480-196601-31), MP-232A (480-196601-32) and TRIP BLANK (480-196601-33).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-621350

Job ID: 480-196532-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

recovered outside control limits for the following analytes: 2-Hexanone and 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

GC Semi VOA
Method 8011: The continuing calibration verification (CCV) associated with batch 480-621434 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MP-274A (480-196532-15), MP-281C (480-196532-16) and MP-409 (480-196532-17).

Method 8082A: The following samples are associated with a continuing calibration verification (CCV 480-621824/33 and CCV 480-621824/55) that had recoveries for the surrogate Decachlorobiphenyl that were above acceptance limits: MP-238R (480-196601-17), MP-401A (480-196601-18), MP-401B (480-196601-19) and MP-408 (480-196601-20). The secondary surrogate Tetrachloro-m-xylene is within limits; therefore, the data has been reported.

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

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

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

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

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-228AR

Date Collected: 04/06/22 08:29
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 13:15	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 13:15	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 13:15	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 13:15	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 13:15	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 13:15	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 13:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 13:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 13:15	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 13:15	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 13:15	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 13:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 13:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 13:15	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 13:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 13:15	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 13:15	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 13:15	1
Acetone	ND		10	3.0	ug/L			04/09/22 13:15	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 13:15	1
Acrolein	ND		20	0.91	ug/L			04/09/22 13:15	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 13:15	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 13:15	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 13:15	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 13:15	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 13:15	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 13:15	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 13:15	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 13:15	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 13:15	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 13:15	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 13:15	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 13:15	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 13:15	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 13:15	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 13:15	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 13:15	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 13:15	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 13:15	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 13:15	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 13:15	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 13:15	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 13:15	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 13:15	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 13:15	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 13:15	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 13:15	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 13:15	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 13:15	1

Client Sample ID: MP-228AR

Date Collected: 04/06/22 08:29
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 13:15	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 13:15	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 13:15	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 13:15	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 13:15	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 13:15	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 13:15	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 13:15	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 13:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 13:15	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/09/22 13:15*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*04/09/22 13:15*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/09/22 13:15*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 17:31	04/13/22 02:10	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/12/22 17:31	04/13/22 02:10	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:01	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:01	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:01	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:01	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:01	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 22:01	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*19 - 120*	*04/08/22 08:58*	*04/11/22 22:01*	*1*
Tetrachloro-m-xylene	*96*		*39 - 121*	*04/08/22 08:58*	*04/11/22 22:01*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	**0.0011**	**J**	0.0050	0.0010	mg/L		04/11/22 14:03	04/14/22 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0039**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:13	1
Barium, Dissolved	**0.027**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:13	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:13	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:13	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:13	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:13	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-228AR

Lab Sample ID: 480-196532-1

Date Collected: 04/06/22 08:29
Date Received: 04/07/22 10:00

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 13:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/23/22 14:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.14				SU			04/06/22 08:29	1
Field Conductivity	1240				umhos/cm			04/06/22 08:29	1
Field Temperature	13.0				Degrees C			04/06/22 08:29	1
Field Turbidity	1.36				NTU			04/06/22 08:29	1
Ground Water Elevation	897.24				ft/msl			04/06/22 08:29	1
Oxidation Reduction Potential	41.7				millivolts			04/06/22 08:29	1
Oxygen, Dissolved	0.43				mg/L			04/06/22 08:29	1
Depth to Water from Top of Casing	14.40				ft			04/06/22 08:29	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: DUPLICATE DMP #1

Lab Sample ID: 480-196532-2

Date Collected: 04/06/22 08:29
Matrix: Water
Date Received: 04/07/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 13:38	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 13:38	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 13:38	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 13:38	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 13:38	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 13:38	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 13:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 13:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 13:38	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 13:38	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 13:38	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 13:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 13:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 13:38	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 13:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 13:38	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 13:38	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 13:38	1
Acetone	ND		10	3.0	ug/L			04/09/22 13:38	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 13:38	1
Acrolein	ND		20	0.91	ug/L			04/09/22 13:38	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 13:38	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 13:38	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 13:38	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 13:38	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 13:38	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 13:38	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 13:38	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 13:38	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 13:38	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 13:38	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 13:38	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 13:38	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 13:38	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 13:38	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 13:38	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 13:38	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 13:38	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 13:38	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 13:38	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 13:38	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 13:38	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 13:38	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 13:38	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 13:38	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 13:38	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 13:38	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 13:38	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 13:38	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: DUPLICATE DMP #1

Lab Sample ID: 480-196532-2

Date Collected: 04/06/22 08:29
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 13:38	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 13:38	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 13:38	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 13:38	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 13:38	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 13:38	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 13:38	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 13:38	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 13:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 13:38	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/09/22 13:38*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/09/22 13:38*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/09/22 13:38*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 02:30	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 02:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:14	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:14	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:14	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:14	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:14	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 22:14	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*19 - 120*	*04/08/22 08:58*	*04/11/22 22:14*	*1*
Tetrachloro-m-xylene	*88*		*39 - 121*	*04/08/22 08:58*	*04/11/22 22:14*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	**0.0013**	**J**	0.0050	0.0010	mg/L		04/11/22 14:03	04/14/22 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0037**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:26	1
Barium, Dissolved	**0.026**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:26	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:26	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:26	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:26	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:26	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: DUPLICATE DMP #1

Lab Sample ID: 480-196532-2

Date Collected: 04/06/22 08:29
Date Received: 04/07/22 10:00

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/23/22 15:07	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.13				SU			04/06/22 08:29	1
Field Conductivity	1235				umhos/cm			04/06/22 08:29	1
Field Temperature	13.0				Degrees C			04/06/22 08:29	1
Field Turbidity	1.78				NTU			04/06/22 08:29	1
Ground Water Elevation	897.24				ft/msl			04/06/22 08:29	1
Oxidation Reduction Potential	31.7				millivolts			04/06/22 08:29	1
Oxygen, Dissolved	0.36				mg/L			04/06/22 08:29	1
Depth to Water from Top of Casing	14.40				ft			04/06/22 08:29	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-228R

Date Collected: 04/06/22 09:28
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 14:01	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 14:01	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 14:01	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 14:01	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 14:01	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 14:01	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 14:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 14:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 14:01	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 14:01	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 14:01	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 14:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 14:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 14:01	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 14:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 14:01	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 14:01	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 14:01	1
Acetone	ND		10	3.0	ug/L			04/09/22 14:01	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 14:01	1
Acrolein	ND		20	0.91	ug/L			04/09/22 14:01	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 14:01	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 14:01	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 14:01	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 14:01	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 14:01	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 14:01	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 14:01	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 14:01	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 14:01	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 14:01	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 14:01	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 14:01	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 14:01	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 14:01	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 14:01	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 14:01	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 14:01	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 14:01	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 14:01	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 14:01	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 14:01	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 14:01	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 14:01	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 14:01	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 14:01	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 14:01	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 14:01	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 14:01	1

Client Sample ID: MP-228R

Lab Sample ID: 480-196532-3

Date Collected: 04/06/22 09:28
Matrix: Water
Date Received: 04/07/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 14:01	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 14:01	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 14:01	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 14:01	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 14:01	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 14:01	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 14:01	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 14:01	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 14:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 14:01	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*04/09/22 14:01*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/09/22 14:01*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/09/22 14:01*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 17:31	04/13/22 02:50	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/22 17:31	04/13/22 02:50	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:27	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:27	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:27	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:27	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:27	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 22:27	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 22:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*19 - 120*	*04/08/22 08:58*	*04/11/22 22:27*	*1*
Tetrachloro-m-xylene	*99*		*39 - 121*	*04/08/22 08:58*	*04/11/22 22:27*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0033**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:36	1
Barium, Dissolved	**0.061**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:36	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:36	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:36	1
Silver, Dissolved	**0.000039**	**J**	0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:36	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:36	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-228R

Date Collected: 04/06/22 09:28
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-3

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 13:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.0		1.0	0.43	mg/L			04/23/22 15:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.47				SU			04/06/22 09:28	1
Field Conductivity	2102				umhos/cm			04/06/22 09:28	1
Field Temperature	12.4				Degrees C			04/06/22 09:28	1
Field Turbidity	0.67				NTU			04/06/22 09:28	1
Ground Water Elevation	898.48				ft/msl			04/06/22 09:28	1
Depth to Water from Top of Casing	12.93				ft			04/06/22 09:28	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-230A

Date Collected: 04/06/22 10:37
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 14:24	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 14:24	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 14:24	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 14:24	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 14:24	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 14:24	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 14:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 14:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 14:24	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 14:24	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 14:24	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 14:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 14:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 14:24	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 14:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 14:24	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 14:24	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 14:24	1
Acetone	ND		10	3.0	ug/L			04/09/22 14:24	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 14:24	1
Acrolein	ND		20	0.91	ug/L			04/09/22 14:24	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 14:24	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 14:24	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 14:24	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 14:24	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 14:24	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 14:24	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 14:24	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 14:24	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 14:24	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 14:24	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 14:24	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 14:24	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 14:24	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 14:24	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 14:24	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 14:24	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 14:24	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 14:24	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 14:24	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 14:24	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 14:24	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 14:24	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 14:24	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 14:24	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 14:24	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 14:24	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 14:24	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 14:24	1

Client Sample ID: MP-230A

Date Collected: 04/06/22 10:37
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 14:24	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 14:24	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 14:24	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 14:24	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 14:24	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 14:24	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 14:24	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 14:24	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 14:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 14:24	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/09/22 14:24*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*04/09/22 14:24*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/09/22 14:24*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 03:09	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 03:09	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:41	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:41	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:41	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:41	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:41	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 22:41	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*50*		*19 - 120*	*04/08/22 08:58*	*04/11/22 22:41*	*1*
Tetrachloro-m-xylene	*89*		*39 - 121*	*04/08/22 08:58*	*04/11/22 22:41*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0086**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:39	1
Barium, Dissolved	**0.029**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:39	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:39	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:39	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:39	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:39	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-230A

Date Collected: 04/06/22 10:37
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-4

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 13:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/23/22 17:28	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.06				SU			04/06/22 10:37	1
Field Conductivity	1284				umhos/cm			04/06/22 10:37	1
Field Temperature	12.7				Degrees C			04/06/22 10:37	1
Field Turbidity	0.78				NTU			04/06/22 10:37	1
Ground Water Elevation	895.82				ft/msl			04/06/22 10:37	1
Oxidation Reduction Potential	-32.4				millivolts			04/06/22 10:37	1
Oxygen, Dissolved	0.83				mg/L			04/06/22 10:37	1
Depth to Water from Top of Casing	12.93				ft			04/06/22 10:37	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-233R

Date Collected: 04/06/22 11:36
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 14:48	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 14:48	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 14:48	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 14:48	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 14:48	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 14:48	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 14:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 14:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 14:48	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 14:48	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 14:48	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 14:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 14:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 14:48	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 14:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 14:48	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 14:48	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 14:48	1
Acetone	ND		10	3.0	ug/L			04/09/22 14:48	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 14:48	1
Acrolein	ND		20	0.91	ug/L			04/09/22 14:48	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 14:48	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 14:48	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 14:48	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 14:48	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 14:48	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 14:48	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 14:48	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 14:48	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 14:48	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 14:48	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 14:48	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 14:48	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 14:48	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 14:48	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 14:48	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 14:48	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 14:48	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 14:48	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 14:48	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 14:48	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 14:48	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 14:48	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 14:48	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 14:48	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 14:48	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 14:48	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 14:48	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 14:48	1

Client Sample ID: MP-233R

Date Collected: 04/06/22 11:36
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 14:48	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 14:48	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 14:48	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 14:48	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 14:48	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 14:48	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 14:48	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 14:48	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 14:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 14:48	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*04/09/22 14:48*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*04/09/22 14:48*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/09/22 14:48*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		04/12/22 17:31	04/13/22 03:49	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/22 17:31	04/13/22 03:49	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:54	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:54	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:54	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:54	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 22:54	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 22:54	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*58*		*19 - 120*	*04/08/22 08:58*	*04/11/22 22:54*	*1*
Tetrachloro-m-xylene	*98*		*39 - 121*	*04/08/22 08:58*	*04/11/22 22:54*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0020**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:41	1
Barium, Dissolved	**0.42**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:41	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:41	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:41	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:41	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:41	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-233R

Date Collected: 04/06/22 11:36
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-5

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.5		1.0	0.43	mg/L			04/23/22 18:24	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.63				SU			04/06/22 11:36	1
Field Conductivity	1970				umhos/cm			04/06/22 11:36	1
Field Temperature	12.5				Degrees C			04/06/22 11:36	1
Field Turbidity	3.62				NTU			04/06/22 11:36	1
Ground Water Elevation	896.52				ft/msl			04/06/22 11:36	1
Oxidation Reduction Potential	-95.3				millivolts			04/06/22 11:36	1
Oxygen, Dissolved	0.04				mg/L			04/06/22 11:36	1
Depth to Water from Top of Casing	10.48				ft			04/06/22 11:36	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-211BR

Lab Sample ID: 480-196532-6

Date Collected: 04/06/22 12:32
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 15:10	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 15:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 15:10	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 15:10	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 15:10	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 15:10	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 15:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 15:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 15:10	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 15:10	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 15:10	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 15:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 15:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 15:10	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 15:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 15:10	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 15:10	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 15:10	1
Acetone	ND		10	3.0	ug/L			04/09/22 15:10	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 15:10	1
Acrolein	ND		20	0.91	ug/L			04/09/22 15:10	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 15:10	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 15:10	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 15:10	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 15:10	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 15:10	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 15:10	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 15:10	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 15:10	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 15:10	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 15:10	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 15:10	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 15:10	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 15:10	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 15:10	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 15:10	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 15:10	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 15:10	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 15:10	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 15:10	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 15:10	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 15:10	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 15:10	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 15:10	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 15:10	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 15:10	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 15:10	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 15:10	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 15:10	1

Client Sample ID: MP-211BR

Lab Sample ID: 480-196532-6

Date Collected: 04/06/22 12:32
Matrix: Water
Date Received: 04/07/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 15:10	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 15:10	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 15:10	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 15:10	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 15:10	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 15:10	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 15:10	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 15:10	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 15:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 15:10	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*04/09/22 15:10*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*04/09/22 15:10*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/09/22 15:10*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 17:31	04/13/22 04:09	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/12/22 17:31	04/13/22 04:09	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:07	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:07	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:07	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:07	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:07	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 23:07	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*19 - 120*	*04/08/22 08:58*	*04/11/22 23:07*	*1*
Tetrachloro-m-xylene	*92*		*39 - 121*	*04/08/22 08:58*	*04/11/22 23:07*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	**0.0099**		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:44	1
Barium, Dissolved	**0.033**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:44	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:44	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:44	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:44	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:44	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-211BR

Lab Sample ID: 480-196532-6

Date Collected: 04/06/22 12:32
Matrix: Water
Date Received: 04/07/22 10:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.2		1.0	0.43	mg/L			04/23/22 18:52	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.32				SU			04/06/22 12:32	1
Field Conductivity	1065				umhos/cm			04/06/22 12:32	1
Field Temperature	13.2				Degrees C			04/06/22 12:32	1
Field Turbidity	0.68				NTU			04/06/22 12:32	1
Ground Water Elevation	904.36				ft/msl			04/06/22 12:32	1
Oxidation Reduction Potential	32.1				millivolts			04/06/22 12:32	1
Oxygen, Dissolved	2.53				mg/L			04/06/22 12:32	1
Depth to Water from Top of Casing	6.73				ft			04/06/22 12:32	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-280A

Date Collected: 04/06/22 09:27
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 15:34	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 15:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 15:34	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 15:34	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 15:34	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 15:34	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 15:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 15:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 15:34	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 15:34	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 15:34	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 15:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 15:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 15:34	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 15:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 15:34	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 15:34	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 15:34	1
Acetone	ND		10	3.0	ug/L			04/09/22 15:34	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 15:34	1
Acrolein	ND		20	0.91	ug/L			04/09/22 15:34	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 15:34	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 15:34	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 15:34	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 15:34	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 15:34	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 15:34	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 15:34	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 15:34	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 15:34	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 15:34	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 15:34	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 15:34	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 15:34	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 15:34	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 15:34	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 15:34	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 15:34	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 15:34	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 15:34	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 15:34	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 15:34	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 15:34	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 15:34	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 15:34	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 15:34	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 15:34	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 15:34	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 15:34	1

Client Sample ID: MP-280A

Lab Sample ID: 480-196532-7

Date Collected: 04/06/22 09:27
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 15:34	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 15:34	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 15:34	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 15:34	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 15:34	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 15:34	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 15:34	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 15:34	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 15:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 15:34	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*04/09/22 15:34*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*04/09/22 15:34*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/09/22 15:34*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 04:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 04:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:20	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:20	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:20	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:20	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:20	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 23:20	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*19 - 120*	*04/08/22 08:58*	*04/11/22 23:20*	*1*
Tetrachloro-m-xylene	*98*		*39 - 121*	*04/08/22 08:58*	*04/11/22 23:20*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.018**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:46	1
Barium, Dissolved	**0.022**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:46	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:46	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:46	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:46	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:46	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-280A

Date Collected: 04/06/22 09:27
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-7

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.3		1.0	0.43	mg/L			04/23/22 19:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.83				SU			04/06/22 09:27	1
Field Conductivity	1638				umhos/cm			04/06/22 09:27	1
Field Temperature	12.9				Degrees C			04/06/22 09:27	1
Field Turbidity	6.32				NTU			04/06/22 09:27	1
Ground Water Elevation	895.15				ft/msl			04/06/22 09:27	1
Oxidation Reduction Potential	-87.6				millivolts			04/06/22 09:27	1
Oxygen, Dissolved	0.07				mg/L			04/06/22 09:27	1
Depth to Water from Top of Casing	17.13				ft			04/06/22 09:27	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-405A

Date Collected: 04/06/22 08:26
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 15:57	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 15:57	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 15:57	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 15:57	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 15:57	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 15:57	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 15:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 15:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 15:57	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 15:57	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 15:57	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 15:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 15:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 15:57	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 15:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 15:57	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 15:57	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 15:57	1
Acetone	ND		10	3.0	ug/L			04/09/22 15:57	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 15:57	1
Acrolein	ND		20	0.91	ug/L			04/09/22 15:57	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 15:57	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 15:57	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 15:57	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 15:57	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 15:57	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 15:57	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 15:57	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 15:57	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 15:57	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 15:57	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 15:57	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 15:57	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 15:57	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 15:57	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 15:57	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 15:57	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 15:57	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 15:57	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 15:57	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 15:57	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 15:57	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 15:57	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 15:57	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 15:57	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 15:57	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 15:57	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 15:57	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 15:57	1

Client Sample ID: MP-405A

Lab Sample ID: 480-196532-8

Date Collected: 04/06/22 08:26
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 15:57	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 15:57	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 15:57	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 15:57	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 15:57	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 15:57	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 15:57	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 15:57	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 15:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 15:57	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/09/22 15:57*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/09/22 15:57*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/09/22 15:57*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 04:49	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 04:49	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:34	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:34	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:34	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:34	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:34	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 23:34	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*56*		*19 - 120*	*04/08/22 08:58*	*04/11/22 23:34*	*1*
Tetrachloro-m-xylene	*97*		*39 - 121*	*04/08/22 08:58*	*04/11/22 23:34*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:49	1
Barium, Dissolved	**0.012**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:49	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:49	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:49	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:49	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:49	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-405A

Lab Sample ID: 480-196532-8

Date Collected: 04/06/22 08:26
Date Received: 04/07/22 10:00

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.0		1.0	0.43	mg/L			04/23/22 19:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.05				SU			04/06/22 08:26	1
Field Conductivity	1932				umhos/cm			04/06/22 08:26	1
Field Temperature	9.1				Degrees C			04/06/22 08:26	1
Field Turbidity	3.22				NTU			04/06/22 08:26	1
Ground Water Elevation	906.30				ft/msl			04/06/22 08:26	1
Oxidation Reduction Potential	58.5				millivolts			04/06/22 08:26	1
Oxygen, Dissolved	2.41				mg/L			04/06/22 08:26	1
Depth to Water from Top of Casing	4.72				ft			04/06/22 08:26	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-196532-9

Date Collected: 04/06/22 09:27
Matrix: Water
Date Received: 04/07/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 16:20	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 16:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 16:20	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 16:20	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 16:20	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 16:20	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 16:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 16:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 16:20	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 16:20	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 16:20	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 16:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 16:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 16:20	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 16:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 16:20	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 16:20	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 16:20	1
Acetone	ND		10	3.0	ug/L			04/09/22 16:20	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 16:20	1
Acrolein	ND		20	0.91	ug/L			04/09/22 16:20	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 16:20	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 16:20	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 16:20	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 16:20	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 16:20	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 16:20	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 16:20	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 16:20	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 16:20	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 16:20	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 16:20	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 16:20	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 16:20	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 16:20	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 16:20	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 16:20	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 16:20	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 16:20	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 16:20	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 16:20	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 16:20	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 16:20	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 16:20	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 16:20	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 16:20	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 16:20	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 16:20	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 16:20	1

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-196532-9

Date Collected: 04/06/22 09:27
Matrix: Water
Date Received: 04/07/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 16:20	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 16:20	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 16:20	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 16:20	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 16:20	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 16:20	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 16:20	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 16:20	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 16:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 16:20	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*04/09/22 16:20*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*04/09/22 16:20*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/09/22 16:20*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 05:09	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 05:09	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:47	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:47	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:47	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:47	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 23:47	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 23:47	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*51*		*19 - 120*	*04/08/22 08:58*	*04/11/22 23:47*	*1*
Tetrachloro-m-xylene	*94*		*39 - 121*	*04/08/22 08:58*	*04/11/22 23:47*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.018**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:52	1
Barium, Dissolved	**0.022**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:52	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:52	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:52	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:52	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:52	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-196532-9

Date Collected: 04/06/22 09:27
Date Received: 04/07/22 10:00

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/23/22 20:15	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.83				SU			04/06/22 09:27	1
Field Conductivity	1638				umhos/cm			04/06/22 09:27	1
Field Temperature	12.9				Degrees C			04/06/22 09:27	1
Field Turbidity	6.32				NTU			04/06/22 09:27	1
Ground Water Elevation	895.15				ft/msl			04/06/22 09:27	1
Oxidation Reduction Potential	-87.6				millivolts			04/06/22 09:27	1
Oxygen, Dissolved	0.07				mg/L			04/06/22 09:27	1
Depth to Water from Top of Casing	17.13				ft			04/06/22 09:27	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-213A

Date Collected: 04/06/22 10:26
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 16:43	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 16:43	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 16:43	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 16:43	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 16:43	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 16:43	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 16:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 16:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 16:43	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 16:43	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 16:43	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 16:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 16:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 16:43	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 16:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 16:43	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 16:43	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 16:43	1
Acetone	ND		10	3.0	ug/L			04/09/22 16:43	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 16:43	1
Acrolein	ND		20	0.91	ug/L			04/09/22 16:43	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 16:43	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 16:43	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 16:43	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 16:43	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 16:43	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 16:43	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 16:43	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 16:43	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 16:43	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 16:43	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 16:43	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 16:43	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 16:43	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 16:43	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 16:43	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 16:43	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 16:43	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 16:43	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 16:43	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 16:43	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 16:43	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 16:43	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 16:43	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 16:43	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 16:43	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 16:43	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 16:43	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 16:43	1

Client Sample ID: MP-213A

Date Collected: 04/06/22 10:26
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 16:43	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 16:43	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 16:43	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 16:43	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 16:43	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 16:43	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 16:43	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 16:43	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 16:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 16:43	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*04/09/22 16:43*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*04/09/22 16:43*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/09/22 16:43*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 05:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 05:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:00	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:00	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:00	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:00	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:00	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 00:00	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*19 - 120*	*04/08/22 08:58*	*04/12/22 00:00*	*1*
Tetrachloro-m-xylene	*103*		*39 - 121*	*04/08/22 08:58*	*04/12/22 00:00*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00084**	**J**	0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:54	1
Barium, Dissolved	**0.038**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:54	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:54	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:54	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:54	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:54	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-213A

Date Collected: 04/06/22 10:26
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-10

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.1		1.0	0.43	mg/L			04/23/22 20:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.59				SU			04/06/22 10:26	1
Field Conductivity	2612				umhos/cm			04/06/22 10:26	1
Field Temperature	12.8				Degrees C			04/06/22 10:26	1
Field Turbidity	3.02				NTU			04/06/22 10:26	1
Ground Water Elevation	895.15				ft/msl			04/06/22 10:26	1
Oxidation Reduction Potential	-44.2				millivolts			04/06/22 10:26	1
Oxygen, Dissolved	0.13				mg/L			04/06/22 10:26	1
Depth to Water from Top of Casing	17.83				ft			04/06/22 10:26	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-279

Date Collected: 04/06/22 11:22
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 17:06	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 17:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 17:06	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 17:06	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 17:06	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 17:06	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 17:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 17:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 17:06	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 17:06	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 17:06	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 17:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 17:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 17:06	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 17:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 17:06	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 17:06	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 17:06	1
Acetone	ND		10	3.0	ug/L			04/09/22 17:06	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 17:06	1
Acrolein	ND		20	0.91	ug/L			04/09/22 17:06	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 17:06	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 17:06	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 17:06	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 17:06	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 17:06	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 17:06	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 17:06	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 17:06	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 17:06	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 17:06	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 17:06	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 17:06	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 17:06	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 17:06	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 17:06	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 17:06	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 17:06	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 17:06	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 17:06	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 17:06	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 17:06	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 17:06	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 17:06	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 17:06	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 17:06	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 17:06	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 17:06	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 17:06	1

Client Sample ID: MP-279

Date Collected: 04/06/22 11:22
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 17:06	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 17:06	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 17:06	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 17:06	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 17:06	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 17:06	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 17:06	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 17:06	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 17:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 17:06	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*04/09/22 17:06*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*04/09/22 17:06*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/09/22 17:06*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 06:13	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 06:13	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:14	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:14	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:14	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:14	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:14	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 00:14	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*58*		*19 - 120*	*04/08/22 08:58*	*04/12/22 00:14*	*1*
Tetrachloro-m-xylene	*94*		*39 - 121*	*04/08/22 08:58*	*04/12/22 00:14*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00080**	**J**	0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:57	1
Barium, Dissolved	**1.1**	**B**	0.0050	0.00075	mg/L		04/09/22 10:44	04/11/22 19:10	5
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:57	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:57	1
Silver, Dissolved	**0.000080**	**J**	0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:57	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:57	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-279

Date Collected: 04/06/22 11:22
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-11

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.3		1.0	0.43	mg/L			04/23/22 21:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.93				SU			04/06/22 11:22	1
Field Conductivity	8338				umhos/cm			04/06/22 11:22	1
Field Temperature	12.4				Degrees C			04/06/22 11:22	1
Field Turbidity	5.43				NTU			04/06/22 11:22	1
Ground Water Elevation	900.78				ft/msl			04/06/22 11:22	1
Oxidation Reduction Potential	-57.7				millivolts			04/06/22 11:22	1
Oxygen, Dissolved	0.08				mg/L			04/06/22 11:22	1
Depth to Water from Top of Casing	9.58				ft			04/06/22 11:22	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-251A

Date Collected: 04/06/22 12:33
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 17:29	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 17:29	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 17:29	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 17:29	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 17:29	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 17:29	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 17:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 17:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 17:29	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 17:29	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 17:29	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 17:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 17:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 17:29	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 17:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 17:29	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 17:29	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 17:29	1
Acetone	**3.2**	**J**	10	3.0	ug/L			04/09/22 17:29	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 17:29	1
Acrolein	ND		20	0.91	ug/L			04/09/22 17:29	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 17:29	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 17:29	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 17:29	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 17:29	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 17:29	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 17:29	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 17:29	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 17:29	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 17:29	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 17:29	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 17:29	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 17:29	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 17:29	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 17:29	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 17:29	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 17:29	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 17:29	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 17:29	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 17:29	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 17:29	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 17:29	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 17:29	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 17:29	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 17:29	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 17:29	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 17:29	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 17:29	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 17:29	1

Client Sample ID: MP-251A

Date Collected: 04/06/22 12:33
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 17:29	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 17:29	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 17:29	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 17:29	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 17:29	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 17:29	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 17:29	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 17:29	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 17:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 17:29	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*04/09/22 17:29*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*04/09/22 17:29*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/09/22 17:29*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 17:31	04/13/22 06:33	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/12/22 17:31	04/13/22 06:33	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:27	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:27	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:27	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:27	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 00:27	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 00:27	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*19 - 120*	*04/08/22 08:58*	*04/12/22 00:27*	*1*
Tetrachloro-m-xylene	*98*		*39 - 121*	*04/08/22 08:58*	*04/12/22 00:27*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	**0.0035**	**J**	0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0030**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:59	1
Barium, Dissolved	**0.095**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:59	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:59	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:59	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:59	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:59	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-251A

Date Collected: 04/06/22 12:33
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-12

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.3		1.0	0.43	mg/L			04/24/22 00:00	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.66				SU			04/06/22 12:33	1
Field Conductivity	847				umhos/cm			04/06/22 12:33	1
Field Temperature	12.2				Degrees C			04/06/22 12:33	1
Field Turbidity	1.86				NTU			04/06/22 12:33	1
Ground Water Elevation	908.51				ft/msl			04/06/22 12:33	1
Oxidation Reduction Potential	-57.6				millivolts			04/06/22 12:33	1
Oxygen, Dissolved	1.22				mg/L			04/06/22 12:33	1
Depth to Water from Top of Casing	3.03				ft			04/06/22 12:33	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-286C

Date Collected: 04/06/22 08:56
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 17:52	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 17:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 17:52	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 17:52	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 17:52	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 17:52	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 17:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 17:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 17:52	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 17:52	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 17:52	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 17:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 17:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 17:52	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 17:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 17:52	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 17:52	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 17:52	1
Acetone	ND		10	3.0	ug/L			04/09/22 17:52	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 17:52	1
Acrolein	ND		20	0.91	ug/L			04/09/22 17:52	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 17:52	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 17:52	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 17:52	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 17:52	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 17:52	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 17:52	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 17:52	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 17:52	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 17:52	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 17:52	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 17:52	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 17:52	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 17:52	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 17:52	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 17:52	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 17:52	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 17:52	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 17:52	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 17:52	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 17:52	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 17:52	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 17:52	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 17:52	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 17:52	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 17:52	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 17:52	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 17:52	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 17:52	1

Client Sample ID: MP-286C

Date Collected: 04/06/22 08:56
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 17:52	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 17:52	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 17:52	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 17:52	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 17:52	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 17:52	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 17:52	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 17:52	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 17:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 17:52	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*04/09/22 17:52*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*04/09/22 17:52*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/09/22 17:52*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 17:31	04/13/22 06:53	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/22 17:31	04/13/22 06:53	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:07	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:07	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:07	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:07	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:07	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 01:07	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*19 - 120*	*04/08/22 08:58*	*04/12/22 01:07*	*1*
Tetrachloro-m-xylene	*104*		*39 - 121*	*04/08/22 08:58*	*04/12/22 01:07*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	**0.0016**	**J**	0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 00:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0031**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 13:09	1
Barium, Dissolved	**0.12**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 13:09	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 13:09	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 13:09	1
Silver, Dissolved	**0.000040**	**J**	0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 13:09	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 13:09	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-286C

Date Collected: 04/06/22 08:56
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-13

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.5		1.0	0.43	mg/L			04/24/22 00:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.47				SU			04/06/22 08:56	1
Field Conductivity	1143				umhos/cm			04/06/22 08:56	1
Field Temperature	12.0				Degrees C			04/06/22 08:56	1
Field Turbidity	9.80				NTU			04/06/22 08:56	1
Ground Water Elevation	896.22				ft/msl			04/06/22 08:56	1
Oxidation Reduction Potential	-88.6				millivolts			04/06/22 08:56	1
Oxygen, Dissolved	0.13				mg/L			04/06/22 08:56	1
Depth to Water from Top of Casing	18.37				ft			04/06/22 08:56	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-274

Date Collected: 04/06/22 09:58
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 18:15	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 18:15	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 18:15	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 18:15	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 18:15	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 18:15	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 18:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 18:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 18:15	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 18:15	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 18:15	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 18:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 18:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 18:15	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 18:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 18:15	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 18:15	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 18:15	1
Acetone	ND		10	3.0	ug/L			04/09/22 18:15	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 18:15	1
Acrolein	ND		20	0.91	ug/L			04/09/22 18:15	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 18:15	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 18:15	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 18:15	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 18:15	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 18:15	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 18:15	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 18:15	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 18:15	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 18:15	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 18:15	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 18:15	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 18:15	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 18:15	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 18:15	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 18:15	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 18:15	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 18:15	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 18:15	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 18:15	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 18:15	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 18:15	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 18:15	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 18:15	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 18:15	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 18:15	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 18:15	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 18:15	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 18:15	1

Client Sample ID: MP-274

Date Collected: 04/06/22 09:58
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 18:15	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 18:15	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 18:15	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 18:15	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 18:15	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 18:15	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 18:15	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 18:15	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 18:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 18:15	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*04/09/22 18:15*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*04/09/22 18:15*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/09/22 18:15*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 07:13	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 07:13	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:20	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:20	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:20	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:20	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:20	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 01:20	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 01:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*19 - 120*	*04/08/22 08:58*	*04/12/22 01:20*	*1*
Tetrachloro-m-xylene	*103*		*39 - 121*	*04/08/22 08:58*	*04/12/22 01:20*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 01:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00048**	**J**	0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 13:12	1
Barium, Dissolved	**0.42**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 13:12	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 13:12	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 13:12	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 13:12	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 13:12	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-274

Date Collected: 04/06/22 09:58
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-14

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.4		1.0	0.43	mg/L			04/24/22 01:24	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.62				SU			04/06/22 09:58	1
Field Conductivity	1209				umhos/cm			04/06/22 09:58	1
Field Temperature	12.7				Degrees C			04/06/22 09:58	1
Field Turbidity	3.67				NTU			04/06/22 09:58	1
Ground Water Elevation	895.88				ft/msl			04/06/22 09:58	1
Oxidation Reduction Potential	-4.1				millivolts			04/06/22 09:58	1
Oxygen, Dissolved	0.20				mg/L			04/06/22 09:58	1
Depth to Water from Top of Casing	16.32				ft			04/06/22 09:58	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-274A

Date Collected: 04/06/22 10:54
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 18:38	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 18:38	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 18:38	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 18:38	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 18:38	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 18:38	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 18:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 18:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 18:38	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 18:38	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 18:38	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 18:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 18:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 18:38	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 18:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 18:38	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 18:38	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 18:38	1
Acetone	ND		10	3.0	ug/L			04/09/22 18:38	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 18:38	1
Acrolein	ND		20	0.91	ug/L			04/09/22 18:38	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 18:38	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 18:38	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 18:38	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 18:38	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 18:38	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 18:38	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 18:38	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 18:38	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 18:38	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 18:38	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 18:38	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 18:38	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 18:38	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 18:38	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 18:38	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 18:38	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 18:38	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 18:38	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 18:38	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 18:38	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 18:38	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 18:38	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 18:38	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 18:38	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 18:38	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 18:38	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 18:38	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 18:38	1

Client Sample ID: MP-274A

Date Collected: 04/06/22 10:54
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 18:38	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 18:38	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 18:38	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 18:38	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 18:38	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 18:38	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 18:38	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 18:38	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 18:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 18:38	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/09/22 18:38*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*04/09/22 18:38*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/09/22 18:38*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 17:31	04/13/22 07:52	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/22 17:31	04/13/22 07:52	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:33	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:33	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:33	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:33	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:33	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 01:33	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*19 - 120*	*04/08/22 08:58*	*04/12/22 01:33*	*1*
Tetrachloro-m-xylene	*101*		*39 - 121*	*04/08/22 08:58*	*04/12/22 01:33*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 01:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.055**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 13:14	1
Barium, Dissolved	**0.025**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 13:14	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 13:14	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 13:14	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 13:14	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 13:14	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-274A

Date Collected: 04/06/22 10:54
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-15

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.1		1.0	0.43	mg/L			04/24/22 01:52	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.02				SU			04/06/22 10:54	1
Field Conductivity	1455				umhos/cm			04/06/22 10:54	1
Field Temperature	13.4				Degrees C			04/06/22 10:54	1
Field Turbidity	34.5				NTU			04/06/22 10:54	1
Ground Water Elevation	895.54				ft/msl			04/06/22 10:54	1
Oxidation Reduction Potential	-6.9				millivolts			04/06/22 10:54	1
Oxygen, Dissolved	0.07				mg/L			04/06/22 10:54	1
Depth to Water from Top of Casing	17.24				ft			04/06/22 10:54	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-281C

Date Collected: 04/06/22 11:44
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 19:01	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 19:01	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 19:01	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 19:01	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 19:01	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 19:01	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 19:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 19:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 19:01	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 19:01	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 19:01	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 19:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 19:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 19:01	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 19:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 19:01	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 19:01	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 19:01	1
Acetone	**3.1**	**J**	10	3.0	ug/L			04/09/22 19:01	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 19:01	1
Acrolein	ND		20	0.91	ug/L			04/09/22 19:01	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 19:01	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 19:01	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 19:01	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 19:01	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 19:01	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 19:01	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 19:01	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 19:01	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 19:01	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 19:01	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 19:01	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 19:01	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 19:01	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 19:01	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 19:01	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 19:01	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 19:01	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 19:01	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 19:01	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 19:01	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 19:01	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 19:01	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 19:01	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 19:01	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 19:01	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 19:01	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 19:01	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 19:01	1

Client Sample ID: MP-281C

Date Collected: 04/06/22 11:44
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 19:01	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 19:01	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 19:01	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 19:01	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 19:01	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 19:01	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 19:01	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 19:01	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 19:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 19:01	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*04/09/22 19:01*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/09/22 19:01*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/09/22 19:01*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 09:03	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 09:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:47	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:47	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:47	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:47	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 01:47	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 01:47	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*19 - 120*	*04/08/22 08:58*	*04/12/22 01:47*	*1*
Tetrachloro-m-xylene	*99*		*39 - 121*	*04/08/22 08:58*	*04/12/22 01:47*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 01:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0042**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 13:17	1
Barium, Dissolved	**0.045**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 13:17	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 13:17	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 13:17	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 13:17	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 13:17	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-281C

Date Collected: 04/06/22 11:44
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-16

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.2		1.0	0.43	mg/L			04/24/22 02:20	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.16				SU			04/06/22 11:44	1
Field Conductivity	1207				umhos/cm			04/06/22 11:44	1
Field Temperature	13.5				Degrees C			04/06/22 11:44	1
Field Turbidity	4.61				NTU			04/06/22 11:44	1
Ground Water Elevation	895.77				ft/msl			04/06/22 11:44	1
Oxidation Reduction Potential	-64.2				millivolts			04/06/22 11:44	1
Oxygen, Dissolved	0.16				mg/L			04/06/22 11:44	1
Depth to Water from Top of Casing	18.35				ft			04/06/22 11:44	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-409

Date Collected: 04/06/22 12:27
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 19:24	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 19:24	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 19:24	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 19:24	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 19:24	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 19:24	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 19:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 19:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 19:24	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 19:24	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 19:24	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 19:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 19:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 19:24	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 19:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 19:24	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/09/22 19:24	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/09/22 19:24	1
Acetone	ND		10	3.0	ug/L			04/09/22 19:24	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 19:24	1
Acrolein	ND		20	0.91	ug/L			04/09/22 19:24	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 19:24	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 19:24	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 19:24	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 19:24	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 19:24	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 19:24	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 19:24	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 19:24	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 19:24	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 19:24	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 19:24	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 19:24	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 19:24	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 19:24	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 19:24	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 19:24	1
Dichlorodifluoromethane	ND	*-	2.0	0.68	ug/L			04/09/22 19:24	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/09/22 19:24	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 19:24	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 19:24	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 19:24	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 19:24	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 19:24	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 19:24	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 19:24	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 19:24	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 19:24	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 19:24	1

Client Sample ID: MP-409

Date Collected: 04/06/22 12:27
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/09/22 19:24	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 19:24	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 19:24	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 19:24	1
trans-1,3-Dichloropropene	ND	*+	2.0	0.37	ug/L			04/09/22 19:24	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 19:24	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 19:24	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 19:24	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 19:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 19:24	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*04/09/22 19:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/09/22 19:24*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/09/22 19:24*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 09:30	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 09:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 02:00	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 02:00	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 02:00	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 02:00	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/12/22 02:00	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 02:00	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/12/22 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*19 - 120*	*04/08/22 08:58*	*04/12/22 02:00*	*1*
Tetrachloro-m-xylene	*99*		*39 - 121*	*04/08/22 08:58*	*04/12/22 02:00*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/15/22 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0018**		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 13:19	1
Barium, Dissolved	**0.12**	**B**	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 13:19	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 13:19	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 13:19	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 13:19	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 13:19	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-409

Date Collected: 04/06/22 12:27
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-17

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 14:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.5		1.0	0.43	mg/L			04/24/22 02:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.34				SU			04/06/22 12:27	1
Field Conductivity	916				umhos/cm			04/06/22 12:27	1
Field Temperature	13.4				Degrees C			04/06/22 12:27	1
Field Turbidity	5.62				NTU			04/06/22 12:27	1
Ground Water Elevation	902.23				ft/msl			04/06/22 12:27	1
Oxidation Reduction Potential	-88.1				millivolts			04/06/22 12:27	1
Oxygen, Dissolved	0.67				mg/L			04/06/22 12:27	1
Depth to Water from Top of Casing	9.60				ft			04/06/22 12:27	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-402A

Date Collected: 04/04/22 13:46
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 06:13	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 06:13	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 06:13	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 06:13	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 06:13	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 06:13	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 06:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 06:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 06:13	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 06:13	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 06:13	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 06:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 06:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 06:13	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 06:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 06:13	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 06:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 06:13	1
Acetone	**4.6**	**J**	10	3.0	ug/L			04/10/22 06:13	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 06:13	1
Acrolein	ND		20	0.91	ug/L			04/10/22 06:13	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 06:13	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 06:13	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 06:13	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 06:13	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 06:13	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 06:13	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 06:13	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 06:13	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 06:13	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 06:13	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 06:13	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 06:13	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 06:13	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 06:13	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 06:13	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 06:13	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 06:13	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 06:13	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 06:13	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 06:13	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 06:13	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 06:13	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 06:13	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 06:13	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 06:13	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 06:13	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 06:13	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 06:13	1

Client Sample ID: MP-402A

Lab Sample ID: 480-196601-1

Date Collected: 04/04/22 13:46
Matrix: Water
Date Received: 04/07/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 06:13	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 06:13	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 06:13	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 06:13	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 06:13	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 06:13	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 06:13	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 06:13	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 06:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 06:13	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*04/10/22 06:13*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/10/22 06:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/10/22 06:13*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 14:14	04/11/22 22:37	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 14:14	04/11/22 22:37	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:16	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:16	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:16	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:16	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:16	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 20:16	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*19 - 120*	*04/13/22 14:58*	*04/14/22 20:16*	*1*
Tetrachloro-m-xylene	*82*		*39 - 121*	*04/13/22 14:58*	*04/14/22 20:16*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 21:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0036**		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:04	1
Barium, Dissolved	**0.041**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:04	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:04	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:04	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:04	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:04	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-402A

Date Collected: 04/04/22 13:46
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-1

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.6		1.0	0.43	mg/L			04/15/22 21:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.80				SU			04/04/22 13:46	1
Field Conductivity	1153				umhos/cm			04/04/22 13:46	1
Field Temperature	11.4				Degrees C			04/04/22 13:46	1
Field Turbidity	2.96				NTU			04/04/22 13:46	1
Ground Water Elevation	903.02				ft/msl			04/04/22 13:46	1
Oxidation Reduction Potential	-127.7				millivolts			04/04/22 13:46	1
Oxygen, Dissolved	0.34				mg/L			04/04/22 13:46	1
Depth to Water from Top of Casing	5.40				ft			04/04/22 13:46	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-234R

Date Collected: 04/04/22 14:42
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 06:36	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 06:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 06:36	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 06:36	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 06:36	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 06:36	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 06:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 06:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 06:36	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 06:36	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 06:36	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 06:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 06:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 06:36	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 06:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 06:36	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 06:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 06:36	1
Acetone	ND		10	3.0	ug/L			04/10/22 06:36	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 06:36	1
Acrolein	ND		20	0.91	ug/L			04/10/22 06:36	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 06:36	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 06:36	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 06:36	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 06:36	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 06:36	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 06:36	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 06:36	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 06:36	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 06:36	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 06:36	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 06:36	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 06:36	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 06:36	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 06:36	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 06:36	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 06:36	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 06:36	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 06:36	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 06:36	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 06:36	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 06:36	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 06:36	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 06:36	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 06:36	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 06:36	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 06:36	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 06:36	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 06:36	1

Client Sample ID: MP-234R

Date Collected: 04/04/22 14:42
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 06:36	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 06:36	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 06:36	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 06:36	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 06:36	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 06:36	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 06:36	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 06:36	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 06:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 06:36	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*04/10/22 06:36*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*04/10/22 06:36*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/10/22 06:36*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 14:14	04/11/22 22:57	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 14:14	04/11/22 22:57	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:29	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:29	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:29	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:29	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:29	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 20:29	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*19 - 120*	*04/13/22 14:58*	*04/14/22 20:29*	*1*
Tetrachloro-m-xylene	*84*		*39 - 121*	*04/13/22 14:58*	*04/14/22 20:29*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 21:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:14	1
Barium, Dissolved	**0.043**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:14	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:14	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:14	1
Silver, Dissolved	**0.000091**	**J**	0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:14	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:14	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-234R

Date Collected: 04/04/22 14:42
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-2

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.88	J	1.0	0.43	mg/L			04/13/22 20:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.32				SU			04/04/22 14:42	1
Field Conductivity	3689				umhos/cm			04/04/22 14:42	1
Field Temperature	12.5				Degrees C			04/04/22 14:42	1
Field Turbidity	0.66				NTU			04/04/22 14:42	1
Ground Water Elevation	898.66				ft/msl			04/04/22 14:42	1
Oxidation Reduction Potential	-6.7				millivolts			04/04/22 14:42	1
Oxygen, Dissolved	0.40				mg/L			04/04/22 14:42	1
Depth to Water from Top of Casing	13.22				ft			04/04/22 14:42	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-234AR

Date Collected: 04/04/22 15:30
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 07:00	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 07:00	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 07:00	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 07:00	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 07:00	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 07:00	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 07:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 07:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 07:00	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 07:00	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 07:00	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 07:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 07:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 07:00	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 07:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 07:00	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 07:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 07:00	1
Acetone	ND		10	3.0	ug/L			04/10/22 07:00	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 07:00	1
Acrolein	ND		20	0.91	ug/L			04/10/22 07:00	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 07:00	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 07:00	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 07:00	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 07:00	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 07:00	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 07:00	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 07:00	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 07:00	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 07:00	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 07:00	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 07:00	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 07:00	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 07:00	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 07:00	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 07:00	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 07:00	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 07:00	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 07:00	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 07:00	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 07:00	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 07:00	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 07:00	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 07:00	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 07:00	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 07:00	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 07:00	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 07:00	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 07:00	1

Client Sample ID: MP-234AR

Lab Sample ID: 480-196601-3

Date Collected: 04/04/22 15:30
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 07:00	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 07:00	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 07:00	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 07:00	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 07:00	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 07:00	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 07:00	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 07:00	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 07:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 07:00	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 07:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*04/10/22 07:00*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/10/22 07:00*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/10/22 07:00*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		04/11/22 14:14	04/11/22 23:17	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 14:14	04/11/22 23:17	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:41	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:41	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:41	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:41	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:41	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 20:41	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*19 - 120*	*04/13/22 14:58*	*04/14/22 20:41*	*1*
Tetrachloro-m-xylene	*87*		*39 - 121*	*04/13/22 14:58*	*04/14/22 20:41*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/26/22 12:52	04/27/22 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0036**		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:17	1
Barium, Dissolved	**0.0082**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:17	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:17	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:17	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:17	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:17	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-234AR

Lab Sample ID: 480-196601-3

Date Collected: 04/04/22 15:30
Matrix: Water
Date Received: 04/07/22 10:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.8		1.0	0.43	mg/L			04/13/22 21:13	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.11				SU			04/04/22 15:30	1
Field Conductivity	2959				umhos/cm			04/04/22 15:30	1
Field Temperature	11.8				Degrees C			04/04/22 15:30	1
Field Turbidity	0.96				NTU			04/04/22 15:30	1
Ground Water Elevation	902.57				ft/msl			04/04/22 15:30	1
Oxidation Reduction Potential	6.2				millivolts			04/04/22 15:30	1
Oxygen, Dissolved	0.17				mg/L			04/04/22 15:30	1
Depth to Water from Top of Casing	8.33				ft			04/04/22 15:30	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-241R

Date Collected: 04/04/22 16:25
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 07:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 07:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 07:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 07:23	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 07:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 07:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 07:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 07:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 07:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 07:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 07:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 07:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 07:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 07:23	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 07:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 07:23	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 07:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 07:23	1
Acetone	**4.0**	**J**	10	3.0	ug/L			04/10/22 07:23	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 07:23	1
Acrolein	ND		20	0.91	ug/L			04/10/22 07:23	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 07:23	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 07:23	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 07:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 07:23	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 07:23	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 07:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 07:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 07:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 07:23	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 07:23	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 07:23	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 07:23	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 07:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 07:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 07:23	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 07:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 07:23	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 07:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 07:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 07:23	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 07:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 07:23	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 07:23	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 07:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 07:23	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 07:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 07:23	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 07:23	1

Client Sample ID: MP-241R

Date Collected: 04/04/22 16:25
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 07:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 07:23	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 07:23	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 07:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 07:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 07:23	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 07:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 07:23	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 07:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 07:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*04/10/22 07:23*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*04/10/22 07:23*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/10/22 07:23*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 14:14	04/11/22 23:37	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 14:14	04/11/22 23:37	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:54	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:54	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:54	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:54	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:54	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 20:54	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*19 - 120*	*04/13/22 14:58*	*04/14/22 20:54*	*1*
Tetrachloro-m-xylene	*80*		*39 - 121*	*04/13/22 14:58*	*04/14/22 20:54*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00068**	**J**	0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:20	1
Barium, Dissolved	**0.051**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:20	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:20	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:20	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:20	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:20	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-241R

Date Collected: 04/04/22 16:25
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-4

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.1		1.0	0.43	mg/L			04/13/22 21:41	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.58				SU			04/04/22 16:25	1
Field Conductivity	1059				umhos/cm			04/04/22 16:25	1
Field Temperature	13.6				Degrees C			04/04/22 16:25	1
Field Turbidity	1.25				NTU			04/04/22 16:25	1
Ground Water Elevation	898.10				ft/msl			04/04/22 16:25	1
Oxidation Reduction Potential	-10.9				millivolts			04/04/22 16:25	1
Oxygen, Dissolved	0.41				mg/L			04/04/22 16:25	1
Depth to Water from Top of Casing	15.47				ft			04/04/22 16:25	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-237

Date Collected: 04/04/22 17:41
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 07:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 07:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 07:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 07:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 07:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 07:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 07:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 07:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 07:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 07:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 07:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 07:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 07:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 07:46	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 07:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 07:46	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 07:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 07:46	1
Acetone	ND		10	3.0	ug/L			04/10/22 07:46	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 07:46	1
Acrolein	ND		20	0.91	ug/L			04/10/22 07:46	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 07:46	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 07:46	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 07:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 07:46	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 07:46	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 07:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 07:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 07:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 07:46	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 07:46	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 07:46	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 07:46	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 07:46	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 07:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 07:46	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 07:46	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 07:46	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 07:46	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 07:46	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 07:46	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 07:46	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 07:46	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 07:46	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 07:46	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 07:46	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 07:46	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 07:46	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 07:46	1

Client Sample ID: MP-237

Date Collected: 04/04/22 17:41
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 07:46	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 07:46	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 07:46	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 07:46	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 07:46	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 07:46	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 07:46	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 07:46	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 07:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 07:46	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 07:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*04/10/22 07:46*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/10/22 07:46*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/10/22 07:46*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 14:14	04/11/22 23:57	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 14:14	04/11/22 23:57	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:07	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:07	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:07	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:07	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:07	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 21:07	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 21:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*19 - 120*	*04/13/22 14:58*	*04/14/22 21:07*	*1*
Tetrachloro-m-xylene	*81*		*39 - 121*	*04/13/22 14:58*	*04/14/22 21:07*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 21:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00028**	**J**	0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:22	1
Barium, Dissolved	**0.031**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:22	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:22	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:22	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:22	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:22	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-237

Date Collected: 04/04/22 17:41
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-5

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.77	J	1.0	0.43	mg/L			04/15/22 23:48	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.65				SU			04/04/22 17:41	1
Field Conductivity	1257				umhos/cm			04/04/22 17:41	1
Field Temperature	13.8				Degrees C			04/04/22 17:41	1
Field Turbidity	14.0				NTU			04/04/22 17:41	1
Ground Water Elevation	898.27				ft/msl			04/04/22 17:41	1
Oxidation Reduction Potential	-29.7				millivolts			04/04/22 17:41	1
Oxygen, Dissolved	0.17				mg/L			04/04/22 17:41	1
Depth to Water from Top of Casing	15.41				ft			04/04/22 17:41	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-233AR

Date Collected: 04/05/22 11:40
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 08:09	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 08:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 08:09	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 08:09	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 08:09	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 08:09	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 08:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 08:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 08:09	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 08:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 08:09	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 08:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 08:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 08:09	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 08:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 08:09	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 08:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 08:09	1
Acetone	ND		10	3.0	ug/L			04/10/22 08:09	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 08:09	1
Acrolein	ND		20	0.91	ug/L			04/10/22 08:09	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 08:09	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 08:09	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 08:09	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 08:09	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 08:09	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 08:09	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 08:09	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 08:09	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 08:09	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 08:09	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 08:09	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 08:09	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 08:09	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 08:09	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 08:09	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 08:09	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 08:09	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 08:09	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 08:09	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 08:09	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 08:09	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 08:09	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 08:09	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 08:09	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 08:09	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 08:09	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 08:09	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 08:09	1

Client Sample ID: MP-233AR

Lab Sample ID: 480-196601-6

Date Collected: 04/05/22 11:40
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 08:09	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 08:09	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 08:09	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 08:09	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 08:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 08:09	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 08:09	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 08:09	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 08:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 08:09	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*04/10/22 08:09*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/10/22 08:09*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/10/22 08:09*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 16:42	04/12/22 03:36	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 16:42	04/12/22 03:36	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:20	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:20	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:20	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:20	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:20	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 21:20	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*19 - 120*	*04/13/22 14:58*	*04/14/22 21:20*	*1*
Tetrachloro-m-xylene	*83*		*39 - 121*	*04/13/22 14:58*	*04/14/22 21:20*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 21:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0046**		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:25	1
Barium, Dissolved	**0.021**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:25	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:25	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:25	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:25	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:25	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-233AR

Lab Sample ID: 480-196601-6

Date Collected: 04/05/22 11:40
Matrix: Water
Date Received: 04/07/22 10:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.1		1.0	0.43	mg/L			04/14/22 00:06	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.11				SU			04/05/22 11:40	1
Field Conductivity	1239				umhos/cm			04/05/22 11:40	1
Field Temperature	12.6				Degrees C			04/05/22 11:40	1
Field Turbidity	1.40				NTU			04/05/22 11:40	1
Ground Water Elevation	901.47				ft/msl			04/05/22 11:40	1
Oxidation Reduction Potential	28.7				millivolts			04/05/22 11:40	1
Oxygen, Dissolved	2.24				mg/L			04/05/22 11:40	1
Depth to Water from Top of Casing	5.97				ft			04/05/22 11:40	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-404

Date Collected: 04/05/22 12:17
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 08:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 08:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 08:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 08:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 08:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 08:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 08:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 08:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 08:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 08:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 08:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 08:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 08:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 08:32	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 08:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 08:32	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 08:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 08:32	1
Acetone	ND		10	3.0	ug/L			04/10/22 08:32	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 08:32	1
Acrolein	ND		20	0.91	ug/L			04/10/22 08:32	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 08:32	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 08:32	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 08:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 08:32	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 08:32	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 08:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 08:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 08:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 08:32	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 08:32	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 08:32	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 08:32	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 08:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 08:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 08:32	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 08:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 08:32	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 08:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 08:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 08:32	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 08:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 08:32	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 08:32	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 08:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 08:32	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 08:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 08:32	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 08:32	1

Client Sample ID: MP-404

Date Collected: 04/05/22 12:17
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 08:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 08:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 08:32	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 08:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 08:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 08:32	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 08:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 08:32	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 08:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 08:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*04/10/22 08:32*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/10/22 08:32*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/10/22 08:32*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 16:42	04/12/22 03:56	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 16:42	04/12/22 03:56	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:33	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:33	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:33	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:33	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:33	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 21:33	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*19 - 120*	*04/13/22 14:58*	*04/14/22 21:33*	*1*
Tetrachloro-m-xylene	*75*		*39 - 121*	*04/13/22 14:58*	*04/14/22 21:33*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 21:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0014**		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:27	1
Barium, Dissolved	**0.36**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:27	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:27	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:27	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:27	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:27	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-404

Date Collected: 04/05/22 12:17
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-7

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	8.0		1.0	0.43	mg/L			04/14/22 01:05	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.26				SU			04/05/22 12:17	1
Field Conductivity	1427				umhos/cm			04/05/22 12:17	1
Field Temperature	12.8				Degrees C			04/05/22 12:17	1
Field Turbidity	5.00				NTU			04/05/22 12:17	1
Ground Water Elevation	897.14				ft/msl			04/05/22 12:17	1
Oxidation Reduction Potential	-123.8				millivolts			04/05/22 12:17	1
Oxygen, Dissolved	0.07				mg/L			04/05/22 12:17	1
Depth to Water from Top of Casing	15.61				ft			04/05/22 12:17	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-404A

Date Collected: 04/05/22 12:53
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 08:56	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 08:56	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 08:56	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 08:56	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 08:56	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 08:56	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 08:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 08:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 08:56	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 08:56	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 08:56	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 08:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 08:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 08:56	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 08:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 08:56	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 08:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 08:56	1
Acetone	ND		10	3.0	ug/L			04/10/22 08:56	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 08:56	1
Acrolein	ND		20	0.91	ug/L			04/10/22 08:56	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 08:56	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 08:56	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 08:56	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 08:56	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 08:56	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 08:56	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 08:56	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 08:56	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 08:56	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 08:56	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 08:56	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 08:56	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 08:56	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 08:56	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 08:56	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 08:56	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 08:56	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 08:56	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 08:56	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 08:56	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 08:56	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 08:56	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 08:56	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 08:56	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 08:56	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 08:56	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 08:56	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 08:56	1

Client Sample ID: MP-404A

Date Collected: 04/05/22 12:53
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 08:56	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 08:56	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 08:56	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 08:56	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 08:56	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 08:56	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 08:56	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 08:56	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 08:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 08:56	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*04/10/22 08:56*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*04/10/22 08:56*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/10/22 08:56*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 16:42	04/12/22 04:16	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 16:42	04/12/22 04:16	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:46	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:46	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:46	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:46	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:46	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 21:46	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 21:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*19 - 120*	*04/13/22 14:58*	*04/14/22 21:46*	*1*
Tetrachloro-m-xylene	*81*		*39 - 121*	*04/13/22 14:58*	*04/14/22 21:46*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:30	1
Barium, Dissolved	**0.041**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:30	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:30	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:30	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:30	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:30	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-404A

Date Collected: 04/05/22 12:53
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-8

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.3		1.0	0.43	mg/L			04/14/22 01:33	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.26				SU			04/05/22 12:53	1
Field Conductivity	964				umhos/cm			04/05/22 12:53	1
Field Temperature	11.3				Degrees C			04/05/22 12:53	1
Field Turbidity	8.22				NTU			04/05/22 12:53	1
Ground Water Elevation	900.93				ft/msl			04/05/22 12:53	1
Oxidation Reduction Potential	56.0				millivolts			04/05/22 12:53	1
Oxygen, Dissolved	4.87				mg/L			04/05/22 12:53	1
Depth to Water from Top of Casing	14.16				ft			04/05/22 12:53	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-403A

Date Collected: 04/05/22 13:29
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 09:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 09:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 09:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 09:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 09:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 09:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 09:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 09:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 09:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 09:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 09:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 09:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 09:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 09:19	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 09:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 09:19	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 09:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 09:19	1
Acetone	ND		10	3.0	ug/L			04/10/22 09:19	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 09:19	1
Acrolein	ND		20	0.91	ug/L			04/10/22 09:19	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 09:19	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 09:19	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 09:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 09:19	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 09:19	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 09:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 09:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 09:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 09:19	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 09:19	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 09:19	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 09:19	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 09:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 09:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 09:19	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 09:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 09:19	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 09:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 09:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 09:19	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 09:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 09:19	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 09:19	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 09:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 09:19	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 09:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 09:19	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 09:19	1

Client Sample ID: MP-403A

Date Collected: 04/05/22 13:29
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 09:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 09:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 09:19	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 09:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 09:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 09:19	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 09:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 09:19	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 09:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 09:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 09:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*04/10/22 09:19*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*04/10/22 09:19*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/10/22 09:19*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		04/11/22 16:42	04/12/22 06:29	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 16:42	04/12/22 06:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:58	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:58	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:58	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:58	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 21:58	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 21:58	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*19 - 120*	*04/13/22 14:58*	*04/14/22 21:58*	*1*
Tetrachloro-m-xylene	*80*		*39 - 121*	*04/13/22 14:58*	*04/14/22 21:58*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 22:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:32	1
Barium, Dissolved	**0.011**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:32	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:32	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:32	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:32	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:32	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-403A

Lab Sample ID: 480-196601-9

Date Collected: 04/05/22 13:29
Matrix: Water
Date Received: 04/07/22 10:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.6		1.0	0.43	mg/L			04/16/22 00:17	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.11				SU			04/05/22 13:29	1
Field Conductivity	1643				umhos/cm			04/05/22 13:29	1
Field Temperature	10.4				Degrees C			04/05/22 13:29	1
Field Turbidity	54.5				NTU			04/05/22 13:29	1
Ground Water Elevation	904.18				ft/msl			04/05/22 13:29	1
Oxidation Reduction Potential	65.9				millivolts			04/05/22 13:29	1
Oxygen, Dissolved	5.16				mg/L			04/05/22 13:29	1
Depth to Water from Top of Casing	8.19				ft			04/05/22 13:29	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-214BR

Date Collected: 04/05/22 14:04
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 09:42	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 09:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 09:42	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 09:42	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 09:42	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 09:42	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 09:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 09:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 09:42	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 09:42	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 09:42	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 09:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 09:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 09:42	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 09:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 09:42	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 09:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 09:42	1
Acetone	ND		10	3.0	ug/L			04/10/22 09:42	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 09:42	1
Acrolein	ND		20	0.91	ug/L			04/10/22 09:42	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 09:42	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 09:42	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 09:42	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 09:42	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 09:42	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 09:42	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 09:42	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 09:42	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 09:42	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 09:42	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 09:42	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 09:42	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 09:42	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 09:42	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 09:42	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 09:42	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 09:42	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 09:42	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 09:42	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 09:42	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 09:42	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 09:42	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 09:42	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 09:42	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 09:42	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 09:42	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 09:42	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 09:42	1

Client Sample ID: MP-214BR

Lab Sample ID: 480-196601-10

Date Collected: 04/05/22 14:04
Matrix: Water
Date Received: 04/07/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 09:42	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 09:42	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 09:42	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 09:42	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 09:42	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 09:42	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 09:42	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 09:42	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 09:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 09:42	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 09:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*04/10/22 09:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/10/22 09:42*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*04/10/22 09:42*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 16:42	04/12/22 06:49	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 16:42	04/12/22 06:49	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:11	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:11	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:11	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:11	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:11	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 22:11	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*58*		*19 - 120*	*04/13/22 14:58*	*04/14/22 22:11*	*1*
Tetrachloro-m-xylene	*82*		*39 - 121*	*04/13/22 14:58*	*04/14/22 22:11*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/26/22 12:52	04/27/22 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0018**		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:35	1
Barium, Dissolved	**0.011**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:35	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:35	1
Lead, Dissolved	**0.00030**	**J**	0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:35	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:35	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:35	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-214BR

Date Collected: 04/05/22 14:04
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-10

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.0		1.0	0.43	mg/L			04/14/22 02:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.92				SU			04/05/22 14:04	1
Field Conductivity	1578				umhos/cm			04/05/22 14:04	1
Field Temperature	12.6				Degrees C			04/05/22 14:04	1
Field Turbidity	44.8				NTU			04/05/22 14:04	1
Ground Water Elevation	895.39				ft/msl			04/05/22 14:04	1
Oxidation Reduction Potential	28.1				millivolts			04/05/22 14:04	1
Oxygen, Dissolved	0.14				mg/L			04/05/22 14:04	1
Depth to Water from Top of Casing	14.90				ft			04/05/22 14:04	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-406C

Date Collected: 04/05/22 08:34
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 10:06	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 10:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 10:06	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 10:06	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 10:06	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 10:06	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 10:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 10:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 10:06	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 10:06	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 10:06	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 10:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 10:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 10:06	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 10:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 10:06	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 10:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 10:06	1
Acetone	ND		10	3.0	ug/L			04/10/22 10:06	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 10:06	1
Acrolein	ND		20	0.91	ug/L			04/10/22 10:06	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 10:06	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 10:06	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 10:06	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 10:06	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 10:06	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 10:06	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 10:06	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 10:06	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 10:06	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 10:06	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 10:06	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 10:06	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 10:06	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 10:06	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 10:06	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 10:06	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 10:06	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 10:06	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 10:06	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 10:06	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 10:06	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 10:06	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 10:06	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 10:06	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 10:06	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 10:06	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 10:06	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 10:06	1

Client Sample ID: MP-406C

Date Collected: 04/05/22 08:34
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 10:06	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 10:06	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 10:06	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 10:06	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 10:06	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 10:06	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 10:06	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 10:06	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 10:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 10:06	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 10:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*04/10/22 10:06*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/10/22 10:06*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/10/22 10:06*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 16:42	04/12/22 07:29	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 16:42	04/12/22 07:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:24	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:24	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:24	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:24	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:24	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 22:24	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*19 - 120*	*04/13/22 14:58*	*04/14/22 22:24*	*1*
Tetrachloro-m-xylene	*72*		*39 - 121*	*04/13/22 14:58*	*04/14/22 22:24*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0035**		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:37	1
Barium, Dissolved	**0.14**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:37	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:37	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:37	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:37	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:37	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-406C

Date Collected: 04/05/22 08:34
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-11

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.5		1.0	0.43	mg/L			04/14/22 03:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.99				SU			04/05/22 08:34	1
Field Conductivity	738				umhos/cm			04/05/22 08:34	1
Field Temperature	13.7				Degrees C			04/05/22 08:34	1
Field Turbidity	0.73				NTU			04/05/22 08:34	1
Ground Water Elevation	896.19				ft/msl			04/05/22 08:34	1
Oxidation Reduction Potential	-49.3				millivolts			04/05/22 08:34	1
Oxygen, Dissolved	0.17				mg/L			04/05/22 08:34	1
Depth to Water from Top of Casing	21.21				ft			04/05/22 08:34	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: DUPLICATE-DMP #2

Lab Sample ID: 480-196601-12

Date Collected: 04/05/22 08:34
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 10:29	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 10:29	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 10:29	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 10:29	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 10:29	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 10:29	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 10:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 10:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 10:29	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 10:29	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 10:29	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 10:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 10:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 10:29	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 10:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 10:29	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 10:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 10:29	1
Acetone	ND		10	3.0	ug/L			04/10/22 10:29	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 10:29	1
Acrolein	ND		20	0.91	ug/L			04/10/22 10:29	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 10:29	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 10:29	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 10:29	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 10:29	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 10:29	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 10:29	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 10:29	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 10:29	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 10:29	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 10:29	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 10:29	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 10:29	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 10:29	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 10:29	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 10:29	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 10:29	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 10:29	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 10:29	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 10:29	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 10:29	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 10:29	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 10:29	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 10:29	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 10:29	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 10:29	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 10:29	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 10:29	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 10:29	1

Client Sample ID: DUPLICATE-DMP #2

Lab Sample ID: 480-196601-12

Date Collected: 04/05/22 08:34
Matrix: Water
Date Received: 04/07/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 10:29	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 10:29	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 10:29	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 10:29	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 10:29	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 10:29	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 10:29	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 10:29	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 10:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 10:29	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 10:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*04/10/22 10:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/10/22 10:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/10/22 10:29*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 16:42	04/12/22 07:48	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 16:42	04/12/22 07:48	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:37	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:37	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:37	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:37	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:37	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 22:37	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*19 - 120*	*04/13/22 14:58*	*04/14/22 22:37*	*1*
Tetrachloro-m-xylene	*79*		*39 - 121*	*04/13/22 14:58*	*04/14/22 22:37*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 22:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0034**		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:48	1
Barium, Dissolved	**0.14**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:48	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:48	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:48	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:48	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:48	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: DUPLICATE-DMP #2

Lab Sample ID: 480-196601-12

Date Collected: 04/05/22 08:34
Date Received: 04/07/22 10:00

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.5		1.0	0.43	mg/L			04/14/22 03:29	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.99				SU			04/05/22 08:34	1
Field Conductivity	738				umhos/cm			04/05/22 08:34	1
Field Temperature	13.7				Degrees C			04/05/22 08:34	1
Field Turbidity	0.73				NTU			04/05/22 08:34	1
Ground Water Elevation	896.19				ft/msl			04/05/22 08:34	1
Oxidation Reduction Potential	-49.3				millivolts			04/05/22 08:34	1
Oxygen, Dissolved	0.17				mg/L			04/05/22 08:34	1
Depth to Water from Top of Casing	21.21				ft			04/05/22 08:34	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-281

Date Collected: 04/05/22 09:51
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 10:52	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 10:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 10:52	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 10:52	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 10:52	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 10:52	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 10:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 10:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 10:52	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 10:52	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 10:52	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 10:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 10:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 10:52	1
1,4-Dioxane	ND	F2 F1 *+	40	9.3	ug/L			04/10/22 10:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 10:52	1
2-Hexanone	ND	F1	10	1.2	ug/L			04/10/22 10:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 10:52	1
Acetone	ND		10	3.0	ug/L			04/10/22 10:52	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 10:52	1
Acrolein	ND		20	0.91	ug/L			04/10/22 10:52	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 10:52	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 10:52	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 10:52	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 10:52	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 10:52	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 10:52	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 10:52	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 10:52	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 10:52	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 10:52	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 10:52	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 10:52	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 10:52	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 10:52	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 10:52	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 10:52	1
Dichlorodifluoromethane	ND	F1	2.0	0.68	ug/L			04/10/22 10:52	1
Ethyl methacrylate	ND	F1 *+	2.0	0.59	ug/L			04/10/22 10:52	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 10:52	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 10:52	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 10:52	1
Isobutyl alcohol	ND	F2	1000	4.8	ug/L			04/10/22 10:52	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 10:52	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 10:52	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 10:52	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 10:52	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 10:52	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 10:52	1

Client Sample ID: MP-281

Date Collected: 04/05/22 09:51
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 10:52	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 10:52	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 10:52	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 10:52	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 10:52	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 10:52	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 10:52	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 10:52	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 10:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 10:52	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 10:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*04/10/22 10:52*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*04/10/22 10:52*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/10/22 10:52*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0078	ug/L		04/11/22 16:42	04/12/22 08:08	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		04/11/22 16:42	04/12/22 08:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:03	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:03	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:03	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:03	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 20:03	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 20:03	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*19 - 120*	*04/13/22 14:58*	*04/14/22 20:03*	*1*
Tetrachloro-m-xylene	*73*		*39 - 121*	*04/13/22 14:58*	*04/14/22 20:03*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 18:50	1
Barium, Dissolved	**0.26**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 18:50	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 18:50	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 18:50	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 18:50	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 18:50	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-281

Date Collected: 04/05/22 09:51
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-13

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.5		1.0	0.43	mg/L			04/13/22 19:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.14				SU			04/05/22 09:51	1
Field Conductivity	1112				umhos/cm			04/05/22 09:51	1
Field Temperature	13.9				Degrees C			04/05/22 09:51	1
Field Turbidity	1.73				NTU			04/05/22 09:51	1
Ground Water Elevation	895.81				ft/msl			04/05/22 09:51	1
Oxidation Reduction Potential	-60.6				millivolts			04/05/22 09:51	1
Oxygen, Dissolved	0.12				mg/L			04/05/22 09:51	1
Depth to Water from Top of Casing	17.72				ft			04/05/22 09:51	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-235BR

Date Collected: 04/05/22 09:59
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 11:16	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 11:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 11:16	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 11:16	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 11:16	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 11:16	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 11:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 11:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 11:16	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 11:16	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 11:16	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 11:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 11:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 11:16	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 11:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 11:16	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 11:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 11:16	1
Acetone	ND		10	3.0	ug/L			04/10/22 11:16	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 11:16	1
Acrolein	ND		20	0.91	ug/L			04/10/22 11:16	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 11:16	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 11:16	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 11:16	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 11:16	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 11:16	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 11:16	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 11:16	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 11:16	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 11:16	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 11:16	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 11:16	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 11:16	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 11:16	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 11:16	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 11:16	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 11:16	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 11:16	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 11:16	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 11:16	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 11:16	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 11:16	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 11:16	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 11:16	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 11:16	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 11:16	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 11:16	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 11:16	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 11:16	1

Client Sample ID: MP-235BR

Date Collected: 04/05/22 09:59
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 11:16	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 11:16	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 11:16	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 11:16	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 11:16	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 11:16	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 11:16	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 11:16	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 11:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 11:16	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*04/10/22 11:16*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*04/10/22 11:16*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/10/22 11:16*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 16:42	04/12/22 09:08	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 16:42	04/12/22 09:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:50	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:50	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:50	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:50	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 22:50	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 22:50	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*19 - 120*	*04/13/22 14:58*	*04/14/22 22:50*	*1*
Tetrachloro-m-xylene	*82*		*39 - 121*	*04/13/22 14:58*	*04/14/22 22:50*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	**0.0073**		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0018**		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 19:03	1
Barium, Dissolved	**0.011**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 19:03	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 19:03	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 19:03	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 19:03	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 19:03	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-235BR

Date Collected: 04/05/22 09:59
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-14

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/14/22 03:58	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.23				SU			04/05/22 09:59	1
Field Conductivity	1898				umhos/cm			04/05/22 09:59	1
Field Temperature	12.6				Degrees C			04/05/22 09:59	1
Field Turbidity	0.66				NTU			04/05/22 09:59	1
Ground Water Elevation	899.72				ft/msl			04/05/22 09:59	1
Oxidation Reduction Potential	45.2				millivolts			04/05/22 09:59	1
Oxygen, Dissolved	4.63				mg/L			04/05/22 09:59	1
Depth to Water from Top of Casing	15.12				ft			04/05/22 09:59	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-235CR

Date Collected: 04/05/22 09:20
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 11:39	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 11:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 11:39	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 11:39	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 11:39	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 11:39	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 11:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 11:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 11:39	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 11:39	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 11:39	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 11:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 11:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 11:39	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 11:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 11:39	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 11:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 11:39	1
Acetone	ND		10	3.0	ug/L			04/10/22 11:39	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 11:39	1
Acrolein	ND		20	0.91	ug/L			04/10/22 11:39	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 11:39	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 11:39	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 11:39	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 11:39	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 11:39	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 11:39	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 11:39	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 11:39	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 11:39	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 11:39	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 11:39	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 11:39	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 11:39	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 11:39	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 11:39	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 11:39	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 11:39	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 11:39	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 11:39	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 11:39	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 11:39	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 11:39	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 11:39	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 11:39	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 11:39	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 11:39	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 11:39	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 11:39	1

Client Sample ID: MP-235CR

Lab Sample ID: 480-196601-15

Date Collected: 04/05/22 09:20
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 11:39	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 11:39	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 11:39	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 11:39	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 11:39	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 11:39	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 11:39	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 11:39	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 11:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 11:39	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*04/10/22 11:39*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/10/22 11:39*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/10/22 11:39*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 16:42	04/12/22 09:28	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 16:42	04/12/22 09:28	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:03	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:03	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:03	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:03	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:03	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 23:03	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*19 - 120*	*04/13/22 14:58*	*04/14/22 23:03*	*1*
Tetrachloro-m-xylene	*90*		*39 - 121*	*04/13/22 14:58*	*04/14/22 23:03*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	**0.0056**		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 22:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00032**	**J**	0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 19:06	1
Barium, Dissolved	**0.010**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 19:06	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 19:06	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 19:06	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 19:06	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 19:06	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-235CR

Date Collected: 04/05/22 09:20
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-15

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.3		1.0	0.43	mg/L			04/14/22 07:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.12				SU			04/05/22 09:20	1
Field Conductivity	1803				umhos/cm			04/05/22 09:20	1
Field Temperature	11.5				Degrees C			04/05/22 09:20	1
Field Turbidity	0.72				NTU			04/05/22 09:20	1
Ground Water Elevation	902.74				ft/msl			04/05/22 09:20	1
Oxidation Reduction Potential	54.0				millivolts			04/05/22 09:20	1
Oxygen, Dissolved	5.06				mg/L			04/05/22 09:20	1
Depth to Water from Top of Casing	11.92				ft			04/05/22 09:20	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-235R

Date Collected: 04/05/22 08:40
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-16

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 12:03	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 12:03	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 12:03	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 12:03	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 12:03	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 12:03	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 12:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 12:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 12:03	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 12:03	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 12:03	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 12:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 12:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 12:03	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 12:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 12:03	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 12:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 12:03	1
Acetone	**3.5**	**J**	10	3.0	ug/L			04/10/22 12:03	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 12:03	1
Acrolein	ND		20	0.91	ug/L			04/10/22 12:03	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 12:03	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 12:03	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 12:03	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 12:03	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 12:03	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 12:03	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 12:03	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 12:03	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 12:03	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 12:03	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 12:03	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 12:03	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 12:03	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 12:03	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 12:03	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 12:03	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 12:03	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 12:03	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 12:03	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 12:03	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 12:03	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 12:03	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 12:03	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 12:03	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 12:03	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 12:03	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 12:03	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 12:03	1

Client Sample ID: MP-235R

Lab Sample ID: 480-196601-16

Date Collected: 04/05/22 08:40
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 12:03	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 12:03	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 12:03	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 12:03	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 12:03	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 12:03	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 12:03	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 12:03	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 12:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 12:03	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*04/10/22 12:03*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*04/10/22 12:03*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*04/10/22 12:03*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 16:42	04/12/22 09:48	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 16:42	04/12/22 09:48	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:15	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:15	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:15	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:15	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:15	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 23:15	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*19 - 120*	*04/13/22 14:58*	*04/14/22 23:15*	*1*
Tetrachloro-m-xylene	*83*		*39 - 121*	*04/13/22 14:58*	*04/14/22 23:15*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	**0.0015**	**J**	0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00066**	**J**	0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 19:08	1
Barium, Dissolved	**0.041**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 19:08	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 19:08	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 19:08	1
Silver, Dissolved	**0.000040**	**J**	0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 19:08	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 19:08	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-235R

Date Collected: 04/05/22 08:40
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-16

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.70	J	1.0	0.43	mg/L			04/16/22 01:43	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.37				SU			04/05/22 08:40	1
Field Conductivity	1787				umhos/cm			04/05/22 08:40	1
Field Temperature	12.7				Degrees C			04/05/22 08:40	1
Field Turbidity	0.79				NTU			04/05/22 08:40	1
Ground Water Elevation	898.08				ft/msl			04/05/22 08:40	1
Oxidation Reduction Potential	-9.2				millivolts			04/05/22 08:40	1
Oxygen, Dissolved	0.21				mg/L			04/05/22 08:40	1
Depth to Water from Top of Casing	16.76				ft			04/05/22 08:40	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-238R

Date Collected: 04/05/22 11:05
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 12:26	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 12:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 12:26	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 12:26	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 12:26	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 12:26	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 12:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 12:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 12:26	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 12:26	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 12:26	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 12:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 12:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 12:26	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 12:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 12:26	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 12:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 12:26	1
Acetone	ND		10	3.0	ug/L			04/10/22 12:26	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 12:26	1
Acrolein	ND		20	0.91	ug/L			04/10/22 12:26	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 12:26	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 12:26	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 12:26	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 12:26	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 12:26	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 12:26	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 12:26	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 12:26	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 12:26	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 12:26	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 12:26	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 12:26	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 12:26	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 12:26	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 12:26	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 12:26	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 12:26	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 12:26	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 12:26	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 12:26	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 12:26	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 12:26	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 12:26	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 12:26	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 12:26	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 12:26	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 12:26	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 12:26	1

Client Sample ID: MP-238R

Date Collected: 04/05/22 11:05
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 12:26	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 12:26	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 12:26	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 12:26	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 12:26	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 12:26	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 12:26	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 12:26	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 12:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 12:26	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*04/10/22 12:26*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*04/10/22 12:26*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/10/22 12:26*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		04/11/22 16:42	04/12/22 10:08	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 16:42	04/12/22 10:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:54	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:54	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:54	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:54	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 23:54	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 23:54	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*85*		*19 - 120*	*04/13/22 14:58*	*04/14/22 23:54*	*1*
Tetrachloro-m-xylene	*83*		*39 - 121*	*04/13/22 14:58*	*04/14/22 23:54*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 23:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00036**	**J**	0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 19:11	1
Barium, Dissolved	**0.044**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 19:11	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 19:11	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 19:11	1
Silver, Dissolved	**0.000040**	**J**	0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 19:11	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 19:11	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-238R

Date Collected: 04/05/22 11:05
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-17

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.2		1.0	0.43	mg/L			04/14/22 08:49	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.45				SU			04/05/22 11:05	1
Field Conductivity	965				umhos/cm			04/05/22 11:05	1
Field Temperature	13.0				Degrees C			04/05/22 11:05	1
Field Turbidity	1.51				NTU			04/05/22 11:05	1
Ground Water Elevation	898.41				ft/msl			04/05/22 11:05	1
Oxidation Reduction Potential	13.7				millivolts			04/05/22 11:05	1
Oxygen, Dissolved	0.34				mg/L			04/05/22 11:05	1
Depth to Water from Top of Casing	16.90				ft			04/05/22 11:05	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-401A

Date Collected: 04/05/22 09:40
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-18

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 12:50	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 12:50	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 12:50	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 12:50	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 12:50	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 12:50	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 12:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 12:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 12:50	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 12:50	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 12:50	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 12:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 12:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 12:50	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 12:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 12:50	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 12:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 12:50	1
Acetone	ND		10	3.0	ug/L			04/10/22 12:50	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 12:50	1
Acrolein	ND		20	0.91	ug/L			04/10/22 12:50	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 12:50	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 12:50	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 12:50	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 12:50	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 12:50	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 12:50	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 12:50	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 12:50	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 12:50	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 12:50	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 12:50	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 12:50	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 12:50	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 12:50	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 12:50	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 12:50	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 12:50	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 12:50	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 12:50	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 12:50	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 12:50	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 12:50	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 12:50	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 12:50	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 12:50	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 12:50	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 12:50	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 12:50	1

Client Sample ID: MP-401A

Lab Sample ID: 480-196601-18

Date Collected: 04/05/22 09:40
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/10/22 12:50	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 12:50	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 12:50	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 12:50	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 12:50	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 12:50	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 12:50	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 12:50	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 12:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 12:50	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*04/10/22 12:50*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*04/10/22 12:50*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/10/22 12:50*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 16:42	04/12/22 10:28	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 16:42	04/12/22 10:28	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:07	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:07	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:07	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:07	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:07	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/15/22 00:07	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/15/22 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*89*		*19 - 120*	*04/13/22 14:58*	*04/15/22 00:07*	*1*
Tetrachloro-m-xylene	*86*		*39 - 121*	*04/13/22 14:58*	*04/15/22 00:07*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 23:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 19:21	1
Barium, Dissolved	**0.037**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 19:21	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 19:21	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 19:21	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 19:21	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 19:21	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-401A

Date Collected: 04/05/22 09:40
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-18

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.5		1.0	0.43	mg/L			04/14/22 09:18	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.86				SU			04/05/22 09:40	1
Field Conductivity	1201				umhos/cm			04/05/22 09:40	1
Field Temperature	11.8				Degrees C			04/05/22 09:40	1
Field Turbidity	11.7				NTU			04/05/22 09:40	1
Ground Water Elevation	895.45				ft/msl			04/05/22 09:40	1
Oxidation Reduction Potential	47.8				millivolts			04/05/22 09:40	1
Oxygen, Dissolved	0.19				mg/L			04/05/22 09:40	1
Depth to Water from Top of Casing	10.92				ft			04/05/22 09:40	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-401B

Date Collected: 04/05/22 10:16
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-19

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 13:42	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 13:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 13:42	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 13:42	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 13:42	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 13:42	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 13:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 13:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 13:42	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 13:42	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 13:42	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 13:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 13:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 13:42	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 13:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 13:42	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 13:42	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 13:42	1
Acetone	ND		10	3.0	ug/L			04/12/22 13:42	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 13:42	1
Acrolein	ND		20	0.91	ug/L			04/12/22 13:42	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 13:42	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 13:42	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 13:42	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 13:42	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 13:42	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 13:42	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 13:42	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 13:42	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 13:42	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 13:42	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 13:42	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 13:42	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 13:42	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 13:42	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 13:42	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 13:42	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 13:42	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 13:42	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 13:42	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 13:42	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 13:42	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 13:42	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 13:42	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 13:42	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 13:42	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 13:42	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 13:42	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 13:42	1

Client Sample ID: MP-401B

Lab Sample ID: 480-196601-19

Date Collected: 04/05/22 10:16
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 13:42	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 13:42	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 13:42	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 13:42	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 13:42	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 13:42	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 13:42	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 13:42	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 13:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 13:42	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/12/22 13:42*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/12/22 13:42*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*04/12/22 13:42*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 16:42	04/12/22 11:07	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 16:42	04/12/22 11:07	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:20	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:20	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:20	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:20	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:20	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/15/22 00:20	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/15/22 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*19 - 120*	*04/13/22 14:58*	*04/15/22 00:20*	*1*
Tetrachloro-m-xylene	*88*		*39 - 121*	*04/13/22 14:58*	*04/15/22 00:20*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 23:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0046**		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 19:24	1
Barium, Dissolved	**0.035**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 19:24	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 19:24	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 19:24	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 19:24	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 19:24	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-401B

Date Collected: 04/05/22 10:16
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-19

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/14/22 09:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.02				SU			04/05/22 10:16	1
Field Conductivity	1196				umhos/cm			04/05/22 10:16	1
Field Temperature	13.4				Degrees C			04/05/22 10:16	1
Field Turbidity	3.68				NTU			04/05/22 10:16	1
Ground Water Elevation	899.11				ft/msl			04/05/22 10:16	1
Oxidation Reduction Potential	-46.9				millivolts			04/05/22 10:16	1
Oxygen, Dissolved	0.29				mg/L			04/05/22 10:16	1
Depth to Water from Top of Casing	7.45				ft			04/05/22 10:16	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-408

Date Collected: 04/05/22 16:16
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-20

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 13:13	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 13:13	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 13:13	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 13:13	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 13:13	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 13:13	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 13:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 13:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 13:13	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 13:13	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 13:13	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 13:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 13:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 13:13	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 13:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 13:13	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 13:13	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 13:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 13:13	1
Acetone	ND		10	3.0	ug/L			04/10/22 13:13	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 13:13	1
Acrolein	ND		20	0.91	ug/L			04/10/22 13:13	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 13:13	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 13:13	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 13:13	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 13:13	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 13:13	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 13:13	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 13:13	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 13:13	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 13:13	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 13:13	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 13:13	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 13:13	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 13:13	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 13:13	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 13:13	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 13:13	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 13:13	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 13:13	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 13:13	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 13:13	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 13:13	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 13:13	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 13:13	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 13:13	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 13:13	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 13:13	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 13:13	1

Client Sample ID: MP-408

Date Collected: 04/05/22 16:16
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-20

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.51	ug/L			04/10/22 13:13	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 13:13	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 13:13	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 13:13	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 13:13	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 13:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 13:13	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 13:13	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 13:13	1
Styrene	ND		2.0	0.73	ug/L			04/10/22 13:13	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*04/10/22 13:13*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*04/10/22 13:13*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/10/22 13:13*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 16:42	04/12/22 11:27	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 16:42	04/12/22 11:27	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:32	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:32	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:32	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:32	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/15/22 00:32	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/15/22 00:32	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/15/22 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*19 - 120*	*04/13/22 14:58*	*04/15/22 00:32*	*1*
Tetrachloro-m-xylene	*91*		*39 - 121*	*04/13/22 14:58*	*04/15/22 00:32*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 23:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.071**		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 19:26	1
Barium, Dissolved	**0.73**		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 19:26	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 19:26	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 19:26	1
Silver, Dissolved	**0.000040**	**J**	0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 19:26	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 19:26	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-408

Date Collected: 04/05/22 16:16
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-20

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	28.2		1.0	0.43	mg/L			04/14/22 13:09	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.19				SU			04/05/22 16:16	1
Field Conductivity	3959				umhos/cm			04/05/22 16:16	1
Field Temperature	13.7				Degrees C			04/05/22 16:16	1
Field Turbidity	45.2				NTU			04/05/22 16:16	1
Ground Water Elevation	895.09				ft/msl			04/05/22 16:16	1
Oxidation Reduction Potential	-68.6				millivolts			04/05/22 16:16	1
Oxygen, Dissolved	0.07				mg/L			04/05/22 16:16	1
Depth to Water from Top of Casing	21.32				ft			04/05/22 16:16	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-280

Date Collected: 04/05/22 17:21
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-21

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 13:36	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 13:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 13:36	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 13:36	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 13:36	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 13:36	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 13:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 13:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 13:36	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 13:36	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 13:36	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 13:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 13:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 13:36	1
1,4-Dioxane	ND	*+	40	9.3	ug/L			04/10/22 13:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 13:36	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 13:36	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 13:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 13:36	1
Acetone	ND		10	3.0	ug/L			04/10/22 13:36	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 13:36	1
Acrolein	ND		20	0.91	ug/L			04/10/22 13:36	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 13:36	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 13:36	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 13:36	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 13:36	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 13:36	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 13:36	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 13:36	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 13:36	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 13:36	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 13:36	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 13:36	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 13:36	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 13:36	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 13:36	1
Ethyl methacrylate	ND	*+	2.0	0.59	ug/L			04/10/22 13:36	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 13:36	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 13:36	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 13:36	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 13:36	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 13:36	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 13:36	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 13:36	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 13:36	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 13:36	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 13:36	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 13:36	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 13:36	1

Client Sample ID: MP-280

Date Collected: 04/05/22 17:21
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-21

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.51	ug/L			04/10/22 13:36	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 13:36	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 13:36	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 13:36	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 13:36	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 13:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 13:36	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 13:36	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 13:36	1
Styrene	ND		2.0	0.73	ug/L			04/10/22 13:36	1
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*04/10/22 13:36*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/10/22 13:36*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/10/22 13:36*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 16:42	04/12/22 11:47	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 16:42	04/12/22 11:47	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:27	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:27	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:27	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:27	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:27	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 19:27	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*19 - 120*	*04/13/22 15:13*	*04/14/22 19:27*	*1*
Tetrachloro-m-xylene	*72*		*39 - 121*	*04/13/22 15:13*	*04/14/22 19:27*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 15:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.024**		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 16:42	1
Barium, Dissolved	**0.29**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 16:42	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 16:42	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 16:42	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 16:42	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 16:42	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-280

Date Collected: 04/05/22 17:21
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-21

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	15.2		1.0	0.43	mg/L			04/14/22 11:42	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.65				SU			04/05/22 17:21	1
Field Conductivity	1424				umhos/cm			04/05/22 17:21	1
Field Temperature	12.8				Degrees C			04/05/22 17:21	1
Field Turbidity	15.0				NTU			04/05/22 17:21	1
Ground Water Elevation	898.60				ft/msl			04/05/22 17:21	1
Oxidation Reduction Potential	-150.4				millivolts			04/05/22 17:21	1
Oxygen, Dissolved	0.11				mg/L			04/05/22 17:21	1
Depth to Water from Top of Casing	13.89				ft			04/05/22 17:21	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-210AR

Date Collected: 04/05/22 14:52
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-22

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 14:04	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 14:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 14:04	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 14:04	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 14:04	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 14:04	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 14:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 14:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 14:04	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 14:04	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 14:04	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 14:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 14:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 14:04	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 14:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 14:04	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 14:04	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 14:04	1
Acetone	ND		10	3.0	ug/L			04/12/22 14:04	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 14:04	1
Acrolein	ND		20	0.91	ug/L			04/12/22 14:04	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 14:04	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 14:04	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 14:04	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 14:04	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 14:04	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 14:04	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 14:04	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 14:04	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 14:04	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 14:04	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 14:04	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 14:04	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 14:04	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 14:04	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 14:04	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 14:04	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 14:04	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 14:04	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 14:04	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 14:04	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 14:04	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 14:04	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 14:04	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 14:04	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 14:04	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 14:04	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 14:04	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 14:04	1

Client Sample ID: MP-210AR

Lab Sample ID: 480-196601-22

Date Collected: 04/05/22 14:52
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 14:04	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 14:04	1
Tetrahydrofuran	**1.9**	**J**	5.0	1.3	ug/L			04/12/22 14:04	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 14:04	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 14:04	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 14:04	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 14:04	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 14:04	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 14:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 14:04	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*04/12/22 14:04*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/12/22 14:04*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/12/22 14:04*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 16:42	04/12/22 12:07	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 16:42	04/12/22 12:07	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:40	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:40	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:40	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:40	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:40	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 19:40	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*19 - 120*	*04/13/22 15:13*	*04/14/22 19:40*	*1*
Tetrachloro-m-xylene	*77*		*39 - 121*	*04/13/22 15:13*	*04/14/22 19:40*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 15:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0016**		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 16:55	1
Barium, Dissolved	**0.053**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 16:55	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 16:55	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 16:55	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 16:55	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 16:55	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-210AR

Date Collected: 04/05/22 14:52
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-22

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.8		1.0	0.43	mg/L			04/14/22 12:39	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.16				SU			04/05/22 14:52	1
Field Conductivity	826				umhos/cm			04/05/22 14:52	1
Field Temperature	13.1				Degrees C			04/05/22 14:52	1
Field Turbidity	4.52				NTU			04/05/22 14:52	1
Ground Water Elevation	908.71				ft/msl			04/05/22 14:52	1
Oxidation Reduction Potential	62.6				millivolts			04/05/22 14:52	1
Oxygen, Dissolved	3.30				mg/L			04/05/22 14:52	1
Depth to Water from Top of Casing	4.12				ft			04/05/22 14:52	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-206AR

Date Collected: 04/05/22 15:47
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-23

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 14:27	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 14:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 14:27	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 14:27	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 14:27	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 14:27	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 14:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 14:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 14:27	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 14:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 14:27	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 14:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 14:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 14:27	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 14:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 14:27	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 14:27	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 14:27	1
Acetone	ND		10	3.0	ug/L			04/12/22 14:27	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 14:27	1
Acrolein	ND		20	0.91	ug/L			04/12/22 14:27	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 14:27	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 14:27	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 14:27	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 14:27	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 14:27	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 14:27	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 14:27	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 14:27	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 14:27	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 14:27	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 14:27	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 14:27	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 14:27	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 14:27	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 14:27	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 14:27	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 14:27	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 14:27	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 14:27	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 14:27	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 14:27	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 14:27	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 14:27	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 14:27	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 14:27	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 14:27	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 14:27	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 14:27	1

Client Sample ID: MP-206AR

Date Collected: 04/05/22 15:47
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-23

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 14:27	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 14:27	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 14:27	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 14:27	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 14:27	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 14:27	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 14:27	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 14:27	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 14:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 14:27	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*04/12/22 14:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/12/22 14:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/12/22 14:27*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/11/22 16:42	04/12/22 12:27	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/11/22 16:42	04/12/22 12:27	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:54	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:54	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:54	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:54	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 19:54	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 19:54	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*19 - 120*	*04/13/22 15:13*	*04/14/22 19:54*	*1*
Tetrachloro-m-xylene	*65*		*39 - 121*	*04/13/22 15:13*	*04/14/22 19:54*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 16:58	1
Barium, Dissolved	**0.0078**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 16:58	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 16:58	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 16:58	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 16:58	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 16:58	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-206AR

Date Collected: 04/05/22 15:47
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-23

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.6		1.0	0.43	mg/L			04/14/22 13:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.98				SU			04/05/22 15:47	1
Field Conductivity	2651				umhos/cm			04/05/22 15:47	1
Field Temperature	12.3				Degrees C			04/05/22 15:47	1
Field Turbidity	0.82				NTU			04/05/22 15:47	1
Ground Water Elevation	908.93				ft/msl			04/05/22 15:47	1
Oxidation Reduction Potential	64.7				millivolts			04/05/22 15:47	1
Oxygen, Dissolved	3.52				mg/L			04/05/22 15:47	1
Depth to Water from Top of Casing	7.80				ft			04/05/22 15:47	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: FIELD BLANK DMP

Lab Sample ID: 480-196601-24

Date Collected: 04/05/22 16:20
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 14:50	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 14:50	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 14:50	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 14:50	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 14:50	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 14:50	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 14:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 14:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 14:50	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 14:50	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 14:50	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 14:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 14:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 14:50	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 14:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 14:50	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 14:50	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 14:50	1
Acetone	ND		10	3.0	ug/L			04/12/22 14:50	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 14:50	1
Acrolein	ND		20	0.91	ug/L			04/12/22 14:50	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 14:50	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 14:50	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 14:50	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 14:50	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 14:50	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 14:50	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 14:50	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 14:50	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 14:50	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 14:50	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 14:50	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 14:50	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 14:50	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 14:50	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 14:50	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 14:50	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 14:50	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 14:50	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 14:50	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 14:50	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 14:50	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 14:50	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 14:50	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 14:50	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 14:50	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 14:50	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 14:50	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 14:50	1

Client Sample ID: FIELD BLANK DMP

Lab Sample ID: 480-196601-24

Date Collected: 04/05/22 16:20
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 14:50	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 14:50	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 14:50	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 14:50	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 14:50	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 14:50	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 14:50	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 14:50	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 14:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 14:50	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*04/12/22 14:50*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/12/22 14:50*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/12/22 14:50*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 21:31	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 21:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:07	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:07	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:07	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:07	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:07	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 20:07	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*19 - 120*	*04/13/22 15:13*	*04/14/22 20:07*	*1*
Tetrachloro-m-xylene	*68*		*39 - 121*	*04/13/22 15:13*	*04/14/22 20:07*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 17:08	1
Barium, Dissolved	ND		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 17:08	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 17:08	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 17:08	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 17:08	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 17:08	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: FIELD BLANK DMP

Lab Sample ID: 480-196601-24

Date Collected: 04/05/22 16:20
Matrix: Water
Date Received: 04/07/22 10:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/14/22 14:07	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.23**				SU			04/05/22 16:20	1
Field Conductivity	**18.1**				umhos/cm			04/05/22 16:20	1
Field Temperature	**17.1**				Degrees C			04/05/22 16:20	1
Field Turbidity	**0.89**				NTU			04/05/22 16:20	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-277A

Date Collected: 04/05/22 16:48
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-25

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 15:13	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 15:13	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 15:13	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 15:13	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 15:13	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 15:13	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 15:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 15:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 15:13	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 15:13	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 15:13	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 15:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 15:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 15:13	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 15:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 15:13	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 15:13	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 15:13	1
Acetone	ND		10	3.0	ug/L			04/12/22 15:13	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 15:13	1
Acrolein	ND		20	0.91	ug/L			04/12/22 15:13	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 15:13	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 15:13	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 15:13	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 15:13	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 15:13	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 15:13	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 15:13	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 15:13	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 15:13	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 15:13	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 15:13	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 15:13	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 15:13	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 15:13	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 15:13	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 15:13	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 15:13	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 15:13	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 15:13	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 15:13	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 15:13	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 15:13	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 15:13	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 15:13	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 15:13	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 15:13	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 15:13	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 15:13	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-277A

Date Collected: 04/05/22 16:48
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-25

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 15:13	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 15:13	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 15:13	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 15:13	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 15:13	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 15:13	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 15:13	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 15:13	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 15:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 15:13	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*04/12/22 15:13*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*04/12/22 15:13*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/12/22 15:13*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 21:51	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 21:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:20	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:20	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:20	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:20	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:20	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 20:20	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*19 - 120*	*04/13/22 15:13*	*04/14/22 20:20*	*1*
Tetrachloro-m-xylene	*66*		*39 - 121*	*04/13/22 15:13*	*04/14/22 20:20*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 16:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0045**		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 17:11	1
Barium, Dissolved	**0.025**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 17:11	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 17:11	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 17:11	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 17:11	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 17:11	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-277A

Date Collected: 04/05/22 16:48
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-25

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.8		1.0	0.43	mg/L			04/14/22 14:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.97				SU			04/05/22 16:48	1
Field Conductivity	1369				umhos/cm			04/05/22 16:48	1
Field Temperature	12.4				Degrees C			04/05/22 16:48	1
Field Turbidity	3.21				NTU			04/05/22 16:48	1
Ground Water Elevation	908.73				ft/msl			04/05/22 16:48	1
Oxidation Reduction Potential	-47.5				millivolts			04/05/22 16:48	1
Oxygen, Dissolved	0.11				mg/L			04/05/22 16:48	1
Depth to Water from Top of Casing	6.51				ft			04/05/22 16:48	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-231AR

Date Collected: 04/05/22 17:37
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-26

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 15:36	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 15:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 15:36	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 15:36	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 15:36	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 15:36	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 15:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 15:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 15:36	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 15:36	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 15:36	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 15:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 15:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 15:36	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 15:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 15:36	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 15:36	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 15:36	1
Acetone	ND		10	3.0	ug/L			04/12/22 15:36	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 15:36	1
Acrolein	ND		20	0.91	ug/L			04/12/22 15:36	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 15:36	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 15:36	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 15:36	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 15:36	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 15:36	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 15:36	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 15:36	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 15:36	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 15:36	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 15:36	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 15:36	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 15:36	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 15:36	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 15:36	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 15:36	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 15:36	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 15:36	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 15:36	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 15:36	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 15:36	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 15:36	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 15:36	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 15:36	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 15:36	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 15:36	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 15:36	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 15:36	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 15:36	1

Client Sample ID: MP-231AR

Date Collected: 04/05/22 17:37
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-26

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 15:36	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 15:36	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 15:36	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 15:36	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 15:36	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 15:36	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 15:36	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 15:36	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 15:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 15:36	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*04/12/22 15:36*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/12/22 15:36*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*04/12/22 15:36*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 22:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 22:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:34	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:34	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:34	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:34	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:34	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 20:34	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*19 - 120*	*04/13/22 15:13*	*04/14/22 20:34*	*1*
Tetrachloro-m-xylene	*74*		*39 - 121*	*04/13/22 15:13*	*04/14/22 20:34*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0023**		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 17:13	1
Barium, Dissolved	**0.0044**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 17:13	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 17:13	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 17:13	1
Silver, Dissolved	**0.000039**	**J**	0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 17:13	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 17:13	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-231AR

Lab Sample ID: 480-196601-26

Date Collected: 04/05/22 17:37
Matrix: Water
Date Received: 04/07/22 10:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/14/22 15:04	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.35				SU			04/05/22 17:37	1
Field Conductivity	2614				umhos/cm			04/05/22 17:37	1
Field Temperature	13.2				Degrees C			04/05/22 17:37	1
Field Turbidity	8.26				NTU			04/05/22 17:37	1
Ground Water Elevation	906.53				ft/msl			04/05/22 17:37	1
Oxidation Reduction Potential	-23.5				millivolts			04/05/22 17:37	1
Oxygen, Dissolved	0.73				mg/L			04/05/22 17:37	1
Depth to Water from Top of Casing	9.20				ft			04/05/22 17:37	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-250A

Date Collected: 04/05/22 13:04
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-27

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 15:58	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 15:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 15:58	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 15:58	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 15:58	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 15:58	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 15:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 15:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 15:58	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 15:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 15:58	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 15:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 15:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 15:58	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 15:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 15:58	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 15:58	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 15:58	1
Acetone	ND		10	3.0	ug/L			04/12/22 15:58	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 15:58	1
Acrolein	ND		20	0.91	ug/L			04/12/22 15:58	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 15:58	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 15:58	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 15:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 15:58	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 15:58	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 15:58	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 15:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 15:58	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 15:58	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 15:58	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 15:58	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 15:58	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 15:58	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 15:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 15:58	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 15:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 15:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 15:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 15:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 15:58	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 15:58	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 15:58	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 15:58	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 15:58	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 15:58	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 15:58	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 15:58	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 15:58	1

Client Sample ID: MP-250A

Lab Sample ID: 480-196601-27

Date Collected: 04/05/22 13:04
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 15:58	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 15:58	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 15:58	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 15:58	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 15:58	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 15:58	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 15:58	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 15:58	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 15:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 15:58	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/12/22 15:58*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/12/22 15:58*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/12/22 15:58*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 14:14	04/12/22 22:31	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/22 14:14	04/12/22 22:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:47	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:47	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:47	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:47	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 20:47	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 20:47	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*71*		*19 - 120*	*04/13/22 15:13*	*04/14/22 20:47*	*1*
Tetrachloro-m-xylene	*75*		*39 - 121*	*04/13/22 15:13*	*04/14/22 20:47*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0049**		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 17:16	1
Barium, Dissolved	**0.029**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 17:16	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 17:16	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 17:16	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 17:16	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 17:16	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-250A

Date Collected: 04/05/22 13:04
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-27

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/14/22 15:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.03				SU			04/05/22 13:04	1
Field Conductivity	1291				umhos/cm			04/05/22 13:04	1
Field Temperature	12.9				Degrees C			04/05/22 13:04	1
Field Turbidity	3.05				NTU			04/05/22 13:04	1
Ground Water Elevation	899.44				ft/msl			04/05/22 13:04	1
Oxidation Reduction Potential	5.3				millivolts			04/05/22 13:04	1
Oxygen, Dissolved	0.13				mg/L			04/05/22 13:04	1
Depth to Water from Top of Casing	10.80				ft			04/05/22 13:04	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-250

Date Collected: 04/05/22 13:48
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-28

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 16:21	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 16:21	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 16:21	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 16:21	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 16:21	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 16:21	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 16:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 16:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 16:21	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 16:21	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 16:21	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 16:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 16:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 16:21	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 16:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 16:21	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 16:21	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 16:21	1
Acetone	ND		10	3.0	ug/L			04/12/22 16:21	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 16:21	1
Acrolein	ND		20	0.91	ug/L			04/12/22 16:21	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 16:21	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 16:21	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 16:21	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 16:21	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 16:21	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 16:21	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 16:21	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 16:21	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 16:21	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 16:21	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 16:21	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 16:21	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 16:21	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 16:21	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 16:21	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 16:21	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 16:21	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 16:21	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 16:21	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 16:21	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 16:21	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 16:21	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 16:21	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 16:21	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 16:21	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 16:21	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 16:21	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 16:21	1

Client Sample ID: MP-250

Date Collected: 04/05/22 13:48
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-28

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 16:21	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 16:21	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 16:21	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 16:21	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 16:21	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 16:21	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 16:21	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 16:21	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 16:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 16:21	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*04/12/22 16:21*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/12/22 16:21*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/12/22 16:21*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		04/12/22 14:14	04/12/22 22:51	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/22 14:14	04/12/22 22:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:00	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:00	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:00	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:00	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:00	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 21:00	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*19 - 120*	*04/13/22 15:13*	*04/14/22 21:00*	*1*
Tetrachloro-m-xylene	*66*		*39 - 121*	*04/13/22 15:13*	*04/14/22 21:00*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0014**		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 17:18	1
Barium, Dissolved	**0.044**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 17:18	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 17:18	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 17:18	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 17:18	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 17:18	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-250

Date Collected: 04/05/22 13:48
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-28

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.1		1.0	0.43	mg/L			04/14/22 18:25	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.25				SU			04/05/22 13:48	1
Field Conductivity	941				umhos/cm			04/05/22 13:48	1
Field Temperature	12.7				Degrees C			04/05/22 13:48	1
Field Turbidity	0.60				NTU			04/05/22 13:48	1
Ground Water Elevation	898.47				ft/msl			04/05/22 13:48	1
Oxidation Reduction Potential	11.9				millivolts			04/05/22 13:48	1
Oxygen, Dissolved	0.21				mg/L			04/05/22 13:48	1
Depth to Water from Top of Casing	11.60				ft			04/05/22 13:48	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-244R

Date Collected: 04/05/22 14:46
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-29

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 16:44	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 16:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 16:44	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 16:44	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 16:44	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 16:44	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 16:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 16:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 16:44	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 16:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 16:44	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 16:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 16:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 16:44	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 16:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 16:44	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 16:44	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 16:44	1
Acetone	ND		10	3.0	ug/L			04/12/22 16:44	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 16:44	1
Acrolein	ND		20	0.91	ug/L			04/12/22 16:44	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 16:44	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 16:44	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 16:44	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 16:44	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 16:44	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 16:44	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 16:44	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 16:44	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 16:44	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 16:44	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 16:44	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 16:44	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 16:44	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 16:44	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 16:44	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 16:44	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 16:44	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 16:44	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 16:44	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 16:44	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 16:44	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 16:44	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 16:44	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 16:44	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 16:44	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 16:44	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 16:44	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 16:44	1

Client Sample ID: MP-244R

Lab Sample ID: 480-196601-29

Date Collected: 04/05/22 14:46
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 16:44	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 16:44	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 16:44	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 16:44	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 16:44	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 16:44	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 16:44	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 16:44	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 16:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 16:44	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*04/12/22 16:44*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*04/12/22 16:44*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/12/22 16:44*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 14:14	04/12/22 23:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 14:14	04/12/22 23:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:13	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:13	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:13	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:13	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:13	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 21:13	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*70*		*19 - 120*	*04/13/22 15:13*	*04/14/22 21:13*	*1*
Tetrachloro-m-xylene	*77*		*39 - 121*	*04/13/22 15:13*	*04/14/22 21:13*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00028**	**J**	0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 17:21	1
Barium, Dissolved	**0.018**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 17:21	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 17:21	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 17:21	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 17:21	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 17:21	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-244R

Date Collected: 04/05/22 14:46
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-29

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.72	J	1.0	0.43	mg/L			04/14/22 19:22	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.65				SU			04/05/22 14:46	1
Field Conductivity	1341				umhos/cm			04/05/22 14:46	1
Field Temperature	12.8				Degrees C			04/05/22 14:46	1
Field Turbidity	1.03				NTU			04/05/22 14:46	1
Ground Water Elevation	898.48				ft/msl			04/05/22 14:46	1
Oxidation Reduction Potential	-45.8				millivolts			04/05/22 14:46	1
Oxygen, Dissolved	0.30				mg/L			04/05/22 14:46	1
Depth to Water from Top of Casing	11.25				ft			04/05/22 14:46	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-244ARR

Date Collected: 04/05/22 15:34
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 17:07	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 17:07	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 17:07	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 17:07	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 17:07	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 17:07	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 17:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 17:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 17:07	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 17:07	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 17:07	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 17:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 17:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 17:07	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 17:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 17:07	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 17:07	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 17:07	1
Acetone	ND		10	3.0	ug/L			04/12/22 17:07	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 17:07	1
Acrolein	ND		20	0.91	ug/L			04/12/22 17:07	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 17:07	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 17:07	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 17:07	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 17:07	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 17:07	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 17:07	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 17:07	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 17:07	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 17:07	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 17:07	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 17:07	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 17:07	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 17:07	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 17:07	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 17:07	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 17:07	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 17:07	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 17:07	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 17:07	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 17:07	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 17:07	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 17:07	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 17:07	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 17:07	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 17:07	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 17:07	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 17:07	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 17:07	1

Client Sample ID: MP-244ARR

Lab Sample ID: 480-196601-30

Date Collected: 04/05/22 15:34
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 17:07	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 17:07	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 17:07	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 17:07	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 17:07	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 17:07	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 17:07	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 17:07	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 17:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 17:07	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/12/22 17:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*04/12/22 17:07*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/12/22 17:07*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 14:14	04/12/22 23:31	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/22 14:14	04/12/22 23:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:27	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:27	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:27	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:27	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:27	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 21:27	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*19 - 120*	*04/13/22 15:13*	*04/14/22 21:27*	*1*
Tetrachloro-m-xylene	*80*		*39 - 121*	*04/13/22 15:13*	*04/14/22 21:27*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0075**		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 17:23	1
Barium, Dissolved	**0.059**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 17:23	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 17:23	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 17:23	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 17:23	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 17:23	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-244ARR

Lab Sample ID: 480-196601-30

Date Collected: 04/05/22 15:34
Matrix: Water
Date Received: 04/07/22 10:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			04/14/22 19:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.42				SU			04/05/22 15:34	1
Field Conductivity	1155				umhos/cm			04/05/22 15:34	1
Field Temperature	12.7				Degrees C			04/05/22 15:34	1
Field Turbidity	8.04				NTU			04/05/22 15:34	1
Ground Water Elevation	895.37				ft/msl			04/05/22 15:34	1
Oxidation Reduction Potential	0.6				millivolts			04/05/22 15:34	1
Oxygen, Dissolved	0.24				mg/L			04/05/22 15:34	1
Depth to Water from Top of Casing	14.45				ft			04/05/22 15:34	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-407

Date Collected: 04/05/22 16:34
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-31

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 17:30	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 17:30	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 17:30	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 17:30	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 17:30	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 17:30	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 17:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 17:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 17:30	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 17:30	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 17:30	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 17:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 17:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 17:30	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 17:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 17:30	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 17:30	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 17:30	1
Acetone	ND		10	3.0	ug/L			04/12/22 17:30	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 17:30	1
Acrolein	ND		20	0.91	ug/L			04/12/22 17:30	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 17:30	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 17:30	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 17:30	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 17:30	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 17:30	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 17:30	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 17:30	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 17:30	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 17:30	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 17:30	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 17:30	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 17:30	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 17:30	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 17:30	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 17:30	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 17:30	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 17:30	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 17:30	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 17:30	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 17:30	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 17:30	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 17:30	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 17:30	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 17:30	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 17:30	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 17:30	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 17:30	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 17:30	1

Client Sample ID: MP-407

Date Collected: 04/05/22 16:34
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-31

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 17:30	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 17:30	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 17:30	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 17:30	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 17:30	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 17:30	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 17:30	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 17:30	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 17:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 17:30	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/12/22 17:30*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*04/12/22 17:30*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/12/22 17:30*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		04/12/22 14:14	04/13/22 00:11	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/22 14:14	04/13/22 00:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:40	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:40	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:40	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:40	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:40	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 21:40	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*19 - 120*	*04/13/22 15:13*	*04/14/22 21:40*	*1*
Tetrachloro-m-xylene	*75*		*39 - 121*	*04/13/22 15:13*	*04/14/22 21:40*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00064**	**J**	0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 17:26	1
Barium, Dissolved	**0.73**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 17:26	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 17:26	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 17:26	1
Silver, Dissolved	**0.000044**	**J**	0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 17:26	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 17:26	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-407

Date Collected: 04/05/22 16:34
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-31

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.1		1.0	0.43	mg/L			04/14/22 20:20	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.47				SU			04/05/22 16:34	1
Field Conductivity	1996				umhos/cm			04/05/22 16:34	1
Field Temperature	13.2				Degrees C			04/05/22 16:34	1
Field Turbidity	1.73				NTU			04/05/22 16:34	1
Ground Water Elevation	896.19				ft/msl			04/05/22 16:34	1
Oxidation Reduction Potential	-143.0				millivolts			04/05/22 16:34	1
Oxygen, Dissolved	0.07				mg/L			04/05/22 16:34	1
Depth to Water from Top of Casing	14.12				ft			04/05/22 16:34	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-232A

Date Collected: 04/05/22 17:28
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-32

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 17:53	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 17:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 17:53	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 17:53	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 17:53	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 17:53	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 17:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 17:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 17:53	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 17:53	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 17:53	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 17:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 17:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 17:53	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 17:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 17:53	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 17:53	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 17:53	1
Acetone	ND		10	3.0	ug/L			04/12/22 17:53	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 17:53	1
Acrolein	ND		20	0.91	ug/L			04/12/22 17:53	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 17:53	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 17:53	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 17:53	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 17:53	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 17:53	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 17:53	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 17:53	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 17:53	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 17:53	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 17:53	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 17:53	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 17:53	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 17:53	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 17:53	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 17:53	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 17:53	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 17:53	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 17:53	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 17:53	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 17:53	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 17:53	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 17:53	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 17:53	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 17:53	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 17:53	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 17:53	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 17:53	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 17:53	1

Client Sample ID: MP-232A

Lab Sample ID: 480-196601-32

Date Collected: 04/05/22 17:28
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 17:53	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 17:53	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 17:53	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 17:53	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 17:53	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 17:53	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 17:53	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 17:53	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 17:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 17:53	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*04/12/22 17:53*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/12/22 17:53*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/12/22 17:53*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0079	ug/L		04/12/22 14:14	04/13/22 00:30	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0060	ug/L		04/12/22 14:14	04/13/22 00:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:53	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:53	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:53	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:53	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 21:53	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 21:53	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*64*		*19 - 120*	*04/13/22 15:13*	*04/14/22 21:53*	*1*
Tetrachloro-m-xylene	*77*		*39 - 121*	*04/13/22 15:13*	*04/14/22 21:53*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0062**		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 17:28	1
Barium, Dissolved	**0.025**		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 17:28	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 17:28	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 17:28	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 17:28	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 17:28	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-232A

Date Collected: 04/05/22 17:28
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-32

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.1		1.0	0.43	mg/L			04/14/22 20:49	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.16				SU			04/05/22 17:28	1
Field Conductivity	1338				umhos/cm			04/05/22 17:28	1
Field Temperature	13.4				Degrees C			04/05/22 17:28	1
Field Turbidity	0.58				NTU			04/05/22 17:28	1
Ground Water Elevation	895.45				ft/msl			04/05/22 17:28	1
Oxidation Reduction Potential	-1.8				millivolts			04/05/22 17:28	1
Oxygen, Dissolved	2.75				mg/L			04/05/22 17:28	1
Depth to Water from Top of Casing	14.30				ft			04/05/22 17:28	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-196601-33

Date Collected: 04/05/22 00:00
Date Received: 04/07/22 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 18:16	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 18:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 18:16	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 18:16	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 18:16	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 18:16	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 18:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 18:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 18:16	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 18:16	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 18:16	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 18:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 18:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 18:16	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 18:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 18:16	1
2-Hexanone	ND	*+	10	1.2	ug/L			04/12/22 18:16	1
4-Methyl-2-pentanone (MIBK)	ND	*+	10	2.1	ug/L			04/12/22 18:16	1
Acetone	ND		10	3.0	ug/L			04/12/22 18:16	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 18:16	1
Acrolein	ND		20	0.91	ug/L			04/12/22 18:16	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 18:16	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 18:16	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 18:16	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 18:16	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 18:16	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 18:16	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 18:16	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 18:16	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 18:16	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 18:16	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 18:16	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 18:16	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 18:16	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 18:16	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 18:16	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 18:16	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 18:16	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 18:16	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 18:16	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 18:16	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 18:16	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 18:16	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 18:16	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 18:16	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 18:16	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 18:16	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 18:16	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 18:16	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-196601-33

Date Collected: 04/05/22 00:00

Matrix: Water

Date Received: 04/07/22 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			04/12/22 18:16	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 18:16	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 18:16	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 18:16	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 18:16	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 18:16	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 18:16	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 18:16	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 18:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 18:16	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*04/12/22 18:16*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/12/22 18:16*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/12/22 18:16*	*1*

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 14:14	04/13/22 00:50	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		04/12/22 14:14	04/13/22 00:50	1

Surrogate Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)
480-196532-1	MP-228AR	108	95	98
480-196532-2	DUPLICATE DMP #1	108	97	96
480-196532-3	MP-228R	107	97	94
480-196532-4	MP-230A	108	98	96
480-196532-5	MP-233R	110	101	99
480-196532-6	MP-211BR	109	95	94
480-196532-7	MP-280A	106	98	95
480-196532-8	MP-405A	108	97	96
480-196532-9	DUPLICATE DMP #3	111	98	97
480-196532-10	MP-213A	111	96	98
480-196532-11	MP-279	111	92	99
480-196532-12	MP-251A	110	96	96
480-196532-13	MP-286C	111	96	97
480-196532-14	MP-274	111	96	97
480-196532-15	MP-274A	108	95	98
480-196532-16	MP-281C	106	100	97
480-196532-17	MP-409	112	99	97
480-196601-1	MP-402A	101	100	103
480-196601-2	MP-234R	98	106	100
480-196601-3	MP-234AR	105	103	101
480-196601-4	MP-241R	101	101	101
480-196601-5	MP-237	99	103	101
480-196601-6	MP-233AR	101	100	100
480-196601-7	MP-404	98	100	99
480-196601-8	MP-404A	103	98	103
480-196601-9	MP-403A	100	106	101
480-196601-10	MP-214BR	99	103	102
480-196601-11	MP-406C	103	100	100
480-196601-12	DUPLICATE-DMP #2	100	99	100
480-196601-13	MP-281	100	106	103
480-196601-13 MS	MP-281	99	98	97
480-196601-13 MSD	MP-281	96	100	101
480-196601-14	MP-235BR	102	94	99
480-196601-15	MP-235CR	98	103	99
480-196601-16	MP-235R	104	103	102
480-196601-17	MP-238R	103	104	101
480-196601-18	MP-401A	98	101	100
480-196601-19	MP-401B	108	100	102
480-196601-20	MP-408	99	104	101
480-196601-21	MP-280	104	100	101
480-196601-22	MP-210AR	109	100	99
480-196601-23	MP-206AR	111	99	100
480-196601-24	FIELD BLANK DMP	109	100	103
480-196601-25	MP-277A	106	96	97
480-196601-26	MP-231AR	110	100	102
480-196601-27	MP-250A	108	99	99
480-196601-28	MP-250	109	99	100
480-196601-29	MP-244R	109	96	98
480-196601-30	MP-244ARR	108	101	101

Surrogate Summary

Client: Republic Services Inc
Job ID: 480-196532-1
Project/Site: Aber Rd. Landfill - DMP Semiannual

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DCA (77-120)	BFB (73-120)	TOL (80-120)
480-196601-31	MP-407	108	94	97
480-196601-32	MP-232A	106	100	99
480-196601-33	TRIP BLANK	105	97	100
LCS 480-621058/5	Lab Control Sample	106	96	96
LCS 480-621105/6	Lab Control Sample	103	104	101
LCS 480-621350/5	Lab Control Sample	110	97	99
LCSD 480-621350/54	Lab Control Sample Dup	110	99	101
MB 480-621058/7	Method Blank	104	100	98
MB 480-621105/9	Method Blank	99	107	98
MB 480-621350/7	Method Blank	109	96	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCBP1 (19-120)	TCX1 (39-121)
480-196532-1	MP-228AR	65	96
480-196532-2	DUPLICATE DMP #1	64	88
480-196532-3	MP-228R	55	99
480-196532-4	MP-230A	50	89
480-196532-5	MP-233R	58	98
480-196532-6	MP-211BR	55	92
480-196532-7	MP-280A	59	98
480-196532-8	MP-405A	56	97
480-196532-9	DUPLICATE DMP #3	51	94
480-196532-10	MP-213A	54	103
480-196532-11	MP-279	58	94
480-196532-12	MP-251A	61	98
480-196532-13	MP-286C	74	104
480-196532-14	MP-274	49	103
480-196532-15	MP-274A	65	101
480-196532-16	MP-281C	64	99
480-196532-17	MP-409	71	99
LCS 480-620937/2-A	Lab Control Sample	38	78
MB 480-620937/1-A	Method Blank	44	88

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: Republic Services Inc
Job ID: 480-196532-1
Project/Site: Aber Rd. Landfill - DMP Semiannual

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCBP2 (19-120)	TCX2 (39-121)								
480-196601-1	MP-402A	75	82								
480-196601-2	MP-234R	83	84								
480-196601-3	MP-234AR	86	87								
480-196601-4	MP-241R	75	80								
480-196601-5	MP-237	80	81								
480-196601-6	MP-233AR	80	83								
480-196601-7	MP-404	59	75								
480-196601-8	MP-404A	71	81								
480-196601-9	MP-403A	75	80								
480-196601-10	MP-214BR	58	82								
480-196601-11	MP-406C	77	72								
480-196601-12	DUPLICATE-DMP #2	80	79								
480-196601-13	MP-281	74	73								
480-196601-13 MS	MP-281	65	76								
480-196601-13 MSD	MP-281	66	82								
480-196601-14	MP-235BR	82	82								
480-196601-15	MP-235CR	81	90								
480-196601-16	MP-235R	81	83								
480-196601-17	MP-238R	85	83								
480-196601-18	MP-401A	89	86								
480-196601-19	MP-401B	87	88								
480-196601-20	MP-408	75	91								
480-196601-21	MP-280	53	72								
480-196601-22	MP-210AR	66	77								
480-196601-23	MP-206AR	63	65								
480-196601-24	FIELD BLANK DMP	63	68								
480-196601-25	MP-277A	60	66								
480-196601-26	MP-231AR	67	74								
480-196601-27	MP-250A	71	75								
480-196601-28	MP-250	67	66								
480-196601-29	MP-244R	70	77								
480-196601-30	MP-244ARR	65	80								
480-196601-31	MP-407	64	75								
480-196601-32	MP-232A	64	77								
LCS 480-621590/2-A	Lab Control Sample	54	81								
LCS 480-621599/2-A	Lab Control Sample	51	66								
LCSD 480-621599/3-A	Lab Control Sample Dup	78	91								
MB 480-621590/1-A	Method Blank	63	79								
MB 480-621599/1-A	Method Blank	55	64								

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

Lab Sample ID: MB 480-621058/7
Matrix: Water
Analysis Batch: 621058

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/09/22 13:03	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/09/22 13:03	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/09/22 13:03	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/09/22 13:03	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/09/22 13:03	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/09/22 13:03	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/09/22 13:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/09/22 13:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/09/22 13:03	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/09/22 13:03	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/09/22 13:03	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/09/22 13:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/09/22 13:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/09/22 13:03	1
1,4-Dioxane	ND		40	9.3	ug/L			04/09/22 13:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/09/22 13:03	1
2-Hexanone	ND		10	1.2	ug/L			04/09/22 13:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/09/22 13:03	1
Acetone	ND		10	3.0	ug/L			04/09/22 13:03	1
Acetonitrile	ND		170	4.9	ug/L			04/09/22 13:03	1
Acrolein	ND		20	0.91	ug/L			04/09/22 13:03	1
Acrylonitrile	ND		20	0.83	ug/L			04/09/22 13:03	1
Benzene	ND		2.0	0.41	ug/L			04/09/22 13:03	1
Bromoform	ND		2.0	0.26	ug/L			04/09/22 13:03	1
Bromomethane	ND		2.0	0.69	ug/L			04/09/22 13:03	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/09/22 13:03	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/09/22 13:03	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/09/22 13:03	1
Chloroethane	ND		2.0	0.32	ug/L			04/09/22 13:03	1
Chloroform	ND		2.0	0.34	ug/L			04/09/22 13:03	1
Chloromethane	ND		2.0	0.35	ug/L			04/09/22 13:03	1
Chloroprene	ND		1.0	0.49	ug/L			04/09/22 13:03	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/09/22 13:03	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/09/22 13:03	1
Dibromomethane	ND		2.0	0.41	ug/L			04/09/22 13:03	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/09/22 13:03	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/09/22 13:03	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/09/22 13:03	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/09/22 13:03	1
Iodomethane	ND		2.0	0.30	ug/L			04/09/22 13:03	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/09/22 13:03	1
Methacrylonitrile	ND		10	0.69	ug/L			04/09/22 13:03	1
Methyl methacrylate	ND		10	0.61	ug/L			04/09/22 13:03	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/09/22 13:03	1
Naphthalene	ND		1.0	0.43	ug/L			04/09/22 13:03	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/09/22 13:03	1
Propionitrile	ND		50	5.8	ug/L			04/09/22 13:03	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/09/22 13:03	1

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

Lab Sample ID: MB 480-621058/7
Matrix: Water
Analysis Batch: 621058

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/09/22 13:03	1
Toluene	ND		2.0	0.51	ug/L			04/09/22 13:03	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/09/22 13:03	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/09/22 13:03	1
Trichloroethene	ND		2.0	0.46	ug/L			04/09/22 13:03	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/09/22 13:03	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/09/22 13:03	1
Vinyl acetate	ND		10	0.85	ug/L			04/09/22 13:03	1
Styrene	ND		2.0	0.73	ug/L			04/09/22 13:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/09/22 13:03	1
Allyl chloride	ND		2.0	0.44	ug/L			04/09/22 13:03	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/09/22 13:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*04/09/22 13:03*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/09/22 13:03*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/09/22 13:03*	*1*

Lab Sample ID: LCS 480-621058/5
Matrix: Water
Analysis Batch: 621058

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	25.0	23.8		ug/L		95	66 - 127
Benzene	25.0	26.0		ug/L		104	71 - 124
Chlorobenzene	25.0	26.6		ug/L		106	80 - 120
Toluene	25.0	26.5		ug/L		106	80 - 122
Trichloroethene	25.0	27.0		ug/L		108	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: MB 480-621105/9
Matrix: Water
Analysis Batch: 621105

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/10/22 05:50	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/10/22 05:50	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/10/22 05:50	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/10/22 05:50	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/10/22 05:50	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/10/22 05:50	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/10/22 05:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/10/22 05:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/10/22 05:50	1

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

Lab Sample ID: MB 480-621105/9
Matrix: Water
Analysis Batch: 621105

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/10/22 05:50	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/10/22 05:50	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/10/22 05:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/10/22 05:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/10/22 05:50	1
1,4-Dioxane	ND		40	9.3	ug/L			04/10/22 05:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/10/22 05:50	1
2-Hexanone	ND		10	1.2	ug/L			04/10/22 05:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/10/22 05:50	1
Acetone	ND		10	3.0	ug/L			04/10/22 05:50	1
Acetonitrile	ND		170	4.9	ug/L			04/10/22 05:50	1
Acrolein	ND		20	0.91	ug/L			04/10/22 05:50	1
Acrylonitrile	ND		20	0.83	ug/L			04/10/22 05:50	1
Benzene	ND		2.0	0.41	ug/L			04/10/22 05:50	1
Bromoform	ND		2.0	0.26	ug/L			04/10/22 05:50	1
Bromomethane	ND		2.0	0.69	ug/L			04/10/22 05:50	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/10/22 05:50	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/10/22 05:50	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/10/22 05:50	1
Chloroethane	ND		2.0	0.32	ug/L			04/10/22 05:50	1
Chloroform	ND		2.0	0.34	ug/L			04/10/22 05:50	1
Chloromethane	ND		2.0	0.35	ug/L			04/10/22 05:50	1
Chloroprene	ND		1.0	0.49	ug/L			04/10/22 05:50	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/10/22 05:50	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/10/22 05:50	1
Dibromomethane	ND		2.0	0.41	ug/L			04/10/22 05:50	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/10/22 05:50	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/10/22 05:50	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/10/22 05:50	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/10/22 05:50	1
Iodomethane	ND		2.0	0.30	ug/L			04/10/22 05:50	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/10/22 05:50	1
Methacrylonitrile	ND		10	0.69	ug/L			04/10/22 05:50	1
Methyl methacrylate	ND		10	0.61	ug/L			04/10/22 05:50	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/10/22 05:50	1
Naphthalene	ND		1.0	0.43	ug/L			04/10/22 05:50	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/10/22 05:50	1
Propionitrile	ND		50	5.8	ug/L			04/10/22 05:50	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/10/22 05:50	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/10/22 05:50	1
Toluene	ND		2.0	0.51	ug/L			04/10/22 05:50	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/10/22 05:50	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/10/22 05:50	1
Trichloroethene	ND		2.0	0.46	ug/L			04/10/22 05:50	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/10/22 05:50	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/10/22 05:50	1
Vinyl acetate	ND		10	0.85	ug/L			04/10/22 05:50	1
Styrene	ND		2.0	0.73	ug/L			04/10/22 05:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/10/22 05:50	1

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

Lab Sample ID: MB 480-621105/9
Matrix: Water
Analysis Batch: 621105

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Allyl chloride	ND		2.0	0.44	ug/L			04/10/22 05:50	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/10/22 05:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*04/10/22 05:50*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*04/10/22 05:50*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/10/22 05:50*	*1*

Lab Sample ID: LCS 480-621105/6
Matrix: Water
Analysis Batch: 621105

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	25.0	27.0		ug/L		108	66 - 127
Benzene	25.0	25.9		ug/L		104	71 - 124
Chlorobenzene	25.0	25.7		ug/L		103	80 - 120
Toluene	25.0	26.4		ug/L		106	80 - 122
Trichloroethene	25.0	25.7		ug/L		103	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 480-196601-13 MS
Matrix: Water
Analysis Batch: 621105

Client Sample ID: MP-281
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	ND		25.0	27.8		ug/L		111	66 - 127
Benzene	ND		25.0	28.5		ug/L		114	71 - 124
Chlorobenzene	ND		25.0	27.3		ug/L		109	80 - 120
Toluene	ND		25.0	27.8		ug/L		111	80 - 122
Trichloroethene	ND		25.0	27.9		ug/L		112	74 - 123

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 480-196601-13 MSD
Matrix: Water
Analysis Batch: 621105

Client Sample ID: MP-281
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		25.0	27.6		ug/L		110	66 - 127	1	16
Benzene	ND		25.0	27.6		ug/L		111	71 - 124	3	13
Chlorobenzene	ND		25.0	28.0		ug/L		112	80 - 120	3	25

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

Lab Sample ID: 480-196601-13 MSD
Matrix: Water
Analysis Batch: 621105

Client Sample ID: MP-281
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	ND		25.0	27.4		ug/L		110	80 - 122	2	15
Trichloroethene	ND		25.0	27.6		ug/L		110	74 - 123	1	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 480-621350/7
Matrix: Water
Analysis Batch: 621350

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			04/12/22 13:06	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			04/12/22 13:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			04/12/22 13:06	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			04/12/22 13:06	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			04/12/22 13:06	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			04/12/22 13:06	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			04/12/22 13:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/12/22 13:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/12/22 13:06	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			04/12/22 13:06	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			04/12/22 13:06	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			04/12/22 13:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/12/22 13:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/12/22 13:06	1
1,4-Dioxane	ND		40	9.3	ug/L			04/12/22 13:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/12/22 13:06	1
2-Hexanone	ND		10	1.2	ug/L			04/12/22 13:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			04/12/22 13:06	1
Acetone	ND		10	3.0	ug/L			04/12/22 13:06	1
Acetonitrile	ND		170	4.9	ug/L			04/12/22 13:06	1
Acrolein	ND		20	0.91	ug/L			04/12/22 13:06	1
Acrylonitrile	ND		20	0.83	ug/L			04/12/22 13:06	1
Benzene	ND		2.0	0.41	ug/L			04/12/22 13:06	1
Bromoform	ND		2.0	0.26	ug/L			04/12/22 13:06	1
Bromomethane	ND		2.0	0.69	ug/L			04/12/22 13:06	1
Carbon disulfide	ND		2.0	0.19	ug/L			04/12/22 13:06	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			04/12/22 13:06	1
Chlorobenzene	ND		2.0	0.75	ug/L			04/12/22 13:06	1
Chloroethane	ND		2.0	0.32	ug/L			04/12/22 13:06	1
Chloroform	ND		2.0	0.34	ug/L			04/12/22 13:06	1
Chloromethane	ND		2.0	0.35	ug/L			04/12/22 13:06	1
Chloroprene	ND		1.0	0.49	ug/L			04/12/22 13:06	1
Bromodichloromethane	ND		2.0	0.39	ug/L			04/12/22 13:06	1
Dibromochloromethane	ND		2.0	0.32	ug/L			04/12/22 13:06	1
Dibromomethane	ND		2.0	0.41	ug/L			04/12/22 13:06	1

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

Lab Sample ID: MB 480-621350/7
Matrix: Water
Analysis Batch: 621350

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			04/12/22 13:06	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			04/12/22 13:06	1
Ethylbenzene	ND		2.0	0.74	ug/L			04/12/22 13:06	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			04/12/22 13:06	1
Iodomethane	ND		2.0	0.30	ug/L			04/12/22 13:06	1
Isobutyl alcohol	ND		1000	4.8	ug/L			04/12/22 13:06	1
Methacrylonitrile	ND		10	0.69	ug/L			04/12/22 13:06	1
Methyl methacrylate	ND		10	0.61	ug/L			04/12/22 13:06	1
Methylene Chloride	ND		2.0	0.44	ug/L			04/12/22 13:06	1
Naphthalene	ND		1.0	0.43	ug/L			04/12/22 13:06	1
Pentachloroethane	ND		1.0	0.34	ug/L			04/12/22 13:06	1
Propionitrile	ND		50	5.8	ug/L			04/12/22 13:06	1
Tetrachloroethene	ND		2.0	0.36	ug/L			04/12/22 13:06	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			04/12/22 13:06	1
Toluene	ND		2.0	0.51	ug/L			04/12/22 13:06	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			04/12/22 13:06	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			04/12/22 13:06	1
Trichloroethene	ND		2.0	0.46	ug/L			04/12/22 13:06	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			04/12/22 13:06	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			04/12/22 13:06	1
Vinyl acetate	ND		10	0.85	ug/L			04/12/22 13:06	1
Styrene	ND		2.0	0.73	ug/L			04/12/22 13:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/12/22 13:06	1
Allyl chloride	ND		2.0	0.44	ug/L			04/12/22 13:06	1
Xylenes, Total	ND		3.0	0.66	ug/L			04/12/22 13:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*04/12/22 13:06*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*04/12/22 13:06*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/12/22 13:06*	*1*

Lab Sample ID: LCS 480-621350/5
Matrix: Water
Analysis Batch: 621350

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	25.0	22.5		ug/L		90	66 - 127
Benzene	25.0	24.3		ug/L		97	71 - 124
Chlorobenzene	25.0	24.2		ug/L		97	80 - 120
Toluene	25.0	24.5		ug/L		98	80 - 122
Trichloroethene	25.0	24.7		ug/L		99	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: LCSD 480-621350/54
Matrix: Water
Analysis Batch: 621350

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene			25.0	22.8		ug/L		91	66 - 127	1	16
Benzene			25.0	24.7		ug/L		99	71 - 124	2	13
Chlorobenzene			25.0	25.3		ug/L		101	80 - 120	5	25
Toluene			25.0	25.3		ug/L		101	80 - 122	3	15
Trichloroethene			25.0	25.2		ug/L		101	74 - 123	2	16

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-621248/1-A
Matrix: Water
Analysis Batch: 621256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/11/22 14:14	04/11/22 18:14	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/11/22 14:14	04/11/22 18:14	1

Lab Sample ID: LCS 480-621248/2-A
Matrix: Water
Analysis Batch: 621256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621248

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromoethane			0.0649	0.0773		ug/L		119	46 - 150		
1,2-Dibromo-3-Chloropropane			0.0649	0.0692		ug/L		107	43 - 150		

Lab Sample ID: LCSD 480-621248/3-A
Matrix: Water
Analysis Batch: 621256

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 621248

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane			0.0665	0.0767		ug/L		115	46 - 150	1	40
1,2-Dibromo-3-Chloropropane			0.0665	0.0694		ug/L		104	43 - 150	0	40

Lab Sample ID: MB 480-621284/1-A
Matrix: Water
Analysis Batch: 621256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621284

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		04/11/22 16:42	04/12/22 02:57	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		04/11/22 16:42	04/12/22 02:57	1

Method: 8011 - EDB and DBCP in Water by Microextraction (Continued)

Lab Sample ID: LCS 480-621284/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621256 — **Prep Batch: 621284**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	0.0661	0.0754		ug/L		114	46 - 150
1,2-Dibromo-3-Chloropropane	0.0661	0.0720		ug/L		109	43 - 150

Lab Sample ID: 480-196601-13 MS — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621256 — **Prep Batch: 621284**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	ND		0.0667	0.0506		ug/L		76	41 - 150
1,2-Dibromo-3-Chloropropane	ND		0.0667	0.0483		ug/L		72	42 - 150

Lab Sample ID: 480-196601-13 MSD — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621256 — **Prep Batch: 621284**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	ND		0.0659	0.0432		ug/L		66	41 - 150	16	40
1,2-Dibromo-3-Chloropropane	ND		0.0659	0.0407		ug/L		62	42 - 150	17	40

Lab Sample ID: MB 480-621412/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621434 — **Prep Batch: 621412**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		04/12/22 14:14	04/12/22 16:51	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		04/12/22 14:14	04/12/22 16:51	1

Lab Sample ID: LCS 480-621412/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621434 — **Prep Batch: 621412**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	0.0658	0.0654		ug/L		99	46 - 150
1,2-Dibromo-3-Chloropropane	0.0658	0.0598		ug/L		91	43 - 150

Lab Sample ID: LCSD 480-621412/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621434 — **Prep Batch: 621412**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	0.0654	0.0793		ug/L		121	46 - 150	19	40
1,2-Dibromo-3-Chloropropane	0.0654	0.0692		ug/L		106	43 - 150	15	40

Lab Sample ID: MB 480-621468/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621434 — **Prep Batch: 621468**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		04/12/22 17:31	04/13/22 01:10	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		04/12/22 17:31	04/13/22 01:10	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: LCS 480-621468/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621434 — **Prep Batch: 621468**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromoethane	0.0658	0.0609		ug/L		93	46 - 150
1,2-Dibromo-3-Chloropropane	0.0658	0.0566		ug/L		86	43 - 150

Lab Sample ID: LCSD 480-621468/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621434 — **Prep Batch: 621468**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dibromoethane	0.0658	0.0791		ug/L		120	46 - 150	26	40
1,2-Dibromo-3-Chloropropane	0.0658	0.0757		ug/L		115	43 - 150	29	40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-620937/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621258 — **Prep Batch: 620937**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 20:41	1
PCB-1221	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 20:41	1
PCB-1232	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 20:41	1
PCB-1242	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 20:41	1
PCB-1248	ND		0.50	0.18	ug/L		04/08/22 08:58	04/11/22 20:41	1
PCB-1254	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 20:41	1
PCB-1260	ND		0.50	0.25	ug/L		04/08/22 08:58	04/11/22 20:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*44*		*19 - 120*	*04/08/22 08:58*	*04/11/22 20:41*	*1*
Tetrachloro-m-xylene	*88*		*39 - 121*	*04/08/22 08:58*	*04/11/22 20:41*	*1*

Lab Sample ID: LCS 480-620937/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621258 — **Prep Batch: 620937**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	4.00	3.16		ug/L		79	62 - 130
PCB-1260	4.00	2.90		ug/L		72	56 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*38*		*19 - 120*
Tetrachloro-m-xylene	*78*		*39 - 121*

Lab Sample ID: MB 480-621590/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621824 — **Prep Batch: 621590**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 19:12	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 19:12	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-621590/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621824 — **Prep Batch: 621590**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 19:12	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 19:12	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 14:58	04/14/22 19:12	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 19:12	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 14:58	04/14/22 19:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*19 - 120*	*04/13/22 14:58*	*04/14/22 19:12*	*1*
Tetrachloro-m-xylene	*79*		*39 - 121*	*04/13/22 14:58*	*04/14/22 19:12*	*1*

Lab Sample ID: LCS 480-621590/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621824 — **Prep Batch: 621590**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	4.00	3.13		ug/L		78	62 - 130
PCB-1260	4.00	3.19		ug/L		80	56 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*54*		*19 - 120*
Tetrachloro-m-xylene	*81*		*39 - 121*

Lab Sample ID: 480-196601-13 MS — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621824 — **Prep Batch: 621590**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016	ND		4.00	3.02		ug/L		75	28 - 150
PCB-1260	ND		4.00	3.24		ug/L		81	25 - 131

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*65*		*19 - 120*
Tetrachloro-m-xylene	*76*		*39 - 121*

Lab Sample ID: 480-196601-13 MSD — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621824 — **Prep Batch: 621590**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	ND		4.00	3.31		ug/L		83	28 - 150	9	50
PCB-1260	ND		4.00	3.36		ug/L		84	25 - 131	4	50

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*66*		*19 - 120*
Tetrachloro-m-xylene	*82*		*39 - 121*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-621599/1-A
Matrix: Water
Analysis Batch: 621822

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1221	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1232	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1242	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1248	ND		0.50	0.18	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1254	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 17:54	1
PCB-1260	ND		0.50	0.25	ug/L		04/13/22 15:13	04/14/22 17:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*55*		*19 - 120*	*04/13/22 15:13*	*04/14/22 17:54*	*1*
Tetrachloro-m-xylene	*64*		*39 - 121*	*04/13/22 15:13*	*04/14/22 17:54*	*1*

Lab Sample ID: LCS 480-621599/2-A
Matrix: Water
Analysis Batch: 621822

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621599

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			4.00	3.42		ug/L		85	62 - 130		
PCB-1260			4.00	3.35		ug/L		84	56 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*51*		*19 - 120*
Tetrachloro-m-xylene	*66*		*39 - 121*

Lab Sample ID: LCSD 480-621599/3-A
Matrix: Water
Analysis Batch: 621822

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 621599

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			4.00	3.76		ug/L		94	62 - 130	10	50
PCB-1260			4.00	3.83		ug/L		96	56 - 123	13	50

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*78*		*19 - 120*
Tetrachloro-m-xylene	*91*		*39 - 121*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-621019/1-A
Matrix: Water
Analysis Batch: 621904

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 621019

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:03	04/14/22 23:28	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-621019/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 621904 — **Prep Batch: 621019**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, Dissolved	0.200	0.198		mg/L		99	80 - 120

Lab Sample ID: MB 480-621071/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 621903 — **Prep Batch: 621071**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 09:27	04/14/22 21:19	1

Lab Sample ID: LCS 480-621071/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 621903 — **Prep Batch: 621071**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, Dissolved	0.200	0.210		mg/L		105	80 - 120

Lab Sample ID: MB 480-621072/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 622082 — **Prep Batch: 621072**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/11/22 14:13	04/15/22 15:25	1

Lab Sample ID: LCS 480-621072/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 622082 — **Prep Batch: 621072**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, Dissolved	0.200	0.214		mg/L		107	80 - 120

Lab Sample ID: MB 480-623213/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 623479 — **Prep Batch: 623213**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		04/26/22 12:52	04/27/22 13:39	1

Lab Sample ID: LCS 480-623213/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 623479 — **Prep Batch: 623213**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, Dissolved	0.200	0.201		mg/L		100	80 - 120

Lab Sample ID: 480-196532-2 MS — **Client Sample ID: DUPLICATE DMP #1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621904 — **Prep Batch: 621019**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, Dissolved	0.0013	J	0.200	0.199		mg/L		99	75 - 125

Method: 6010C - Metals (ICP)

Lab Sample ID: 480-196532-2 MSD — **Client Sample ID: DUPLICATE DMP #1**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621904 — **Prep Batch: 621019**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, Dissolved	0.0013	J	0.200	0.202		mg/L		100	75 - 125	2	20

Lab Sample ID: 480-196601-13 MS — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621903 — **Prep Batch: 621071**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, Dissolved	ND		0.200	0.204		mg/L		102	75 - 125		

Lab Sample ID: 480-196601-13 MSD — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621903 — **Prep Batch: 621071**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, Dissolved	ND		0.200	0.206		mg/L		103	75 - 125	1	20

Lab Sample ID: 480-196601-22 MS — **Client Sample ID: MP-210AR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 622082 — **Prep Batch: 621072**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, Dissolved	ND		0.200	0.209		mg/L		104	75 - 125		

Lab Sample ID: 480-196601-22 MSD — **Client Sample ID: MP-210AR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 622082 — **Prep Batch: 621072**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, Dissolved	ND		0.200	0.212		mg/L		106	75 - 125	2	20

Lab Sample ID: 480-196601-3 MS — **Client Sample ID: MP-234AR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 623479 — **Prep Batch: 623213**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, Dissolved	ND		0.200	0.202		mg/L		101	75 - 125		

Lab Sample ID: 480-196601-3 MSD — **Client Sample ID: MP-234AR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 623479 — **Prep Batch: 623213**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, Dissolved	ND		0.200	0.196		mg/L		98	75 - 125	3	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 480-621014/1-A
Matrix: Water
Analysis Batch: 621246

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621014

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 10:44	04/11/22 12:08	1
Barium, Dissolved	0.000236	J	0.0010	0.00015	mg/L		04/09/22 10:44	04/11/22 12:08	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 10:44	04/11/22 12:08	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 10:44	04/11/22 12:08	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 10:44	04/11/22 12:08	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 10:44	04/11/22 12:08	1

Lab Sample ID: LCS 480-621014/2-A
Matrix: Water
Analysis Batch: 621246

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621014

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic, Dissolved	0.0200	0.0179		mg/L		89	80 - 120
Barium, Dissolved	0.0200	0.0195		mg/L		98	80 - 120
Cadmium, Dissolved	0.0200	0.0186		mg/L		93	80 - 120
Lead, Dissolved	0.0200	0.0191		mg/L		95	80 - 120
Silver, Dissolved	0.0200	0.0194		mg/L		97	80 - 120
Selenium, Dissolved	0.0200	0.0195		mg/L		97	80 - 120

Lab Sample ID: MB 480-621067/1-A
Matrix: Water
Analysis Batch: 621174

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621067

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 09:50	04/10/22 17:59	1
Barium, Dissolved	ND		0.0010	0.00015	mg/L		04/09/22 09:50	04/10/22 17:59	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:50	04/10/22 17:59	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:50	04/10/22 17:59	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:50	04/10/22 17:59	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:50	04/10/22 17:59	1

Lab Sample ID: LCS 480-621067/2-A
Matrix: Water
Analysis Batch: 621174

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621067

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic, Dissolved	0.0200	0.0178		mg/L		89	80 - 120
Barium, Dissolved	0.0200	0.0196		mg/L		98	80 - 120
Cadmium, Dissolved	0.0200	0.0199		mg/L		99	80 - 120
Lead, Dissolved	0.0200	0.0199		mg/L		100	80 - 120
Silver, Dissolved	0.0200	0.0208		mg/L		104	80 - 120
Selenium, Dissolved	0.0200	0.0199		mg/L		100	80 - 120

Lab Sample ID: MB 480-621068/1-A
Matrix: Water
Analysis Batch: 621173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621068

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.00027	mg/L		04/09/22 09:53	04/10/22 16:37	1

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

Lab Sample ID: MB 480-621068/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621173 — **Prep Batch: 621068**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	ND		0.0010	0.00015	mg/L		04/09/22 09:53	04/10/22 16:37	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		04/09/22 09:53	04/10/22 16:37	1
Lead, Dissolved	ND		0.0050	0.00017	mg/L		04/09/22 09:53	04/10/22 16:37	1
Silver, Dissolved	ND		0.0030	0.000036	mg/L		04/09/22 09:53	04/10/22 16:37	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		04/09/22 09:53	04/10/22 16:37	1

Lab Sample ID: LCS 480-621068/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621173 — **Prep Batch: 621068**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic, Dissolved	0.0200	0.0182		mg/L		91	80 - 120
Barium, Dissolved	0.0200	0.0193		mg/L		97	80 - 120
Cadmium, Dissolved	0.0200	0.0198		mg/L		99	80 - 120
Lead, Dissolved	0.0200	0.0203		mg/L		102	80 - 120
Silver, Dissolved	0.0200	0.0208		mg/L		104	80 - 120
Selenium, Dissolved	0.0200	0.0201		mg/L		101	80 - 120

Lab Sample ID: 480-196532-1 MS — **Client Sample ID: MP-228AR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621246 — **Prep Batch: 621014**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic, Dissolved	0.0039		0.0200	0.0239		mg/L		100	75 - 125
Barium, Dissolved	0.027	B	0.0200	0.0454		mg/L		93	75 - 125
Cadmium, Dissolved	ND		0.0200	0.0188		mg/L		94	75 - 125
Lead, Dissolved	ND		0.0200	0.0182		mg/L		91	75 - 125
Silver, Dissolved	ND		0.0200	0.0190		mg/L		95	75 - 125
Selenium, Dissolved	ND		0.0200	0.0203		mg/L		102	75 - 125

Lab Sample ID: 480-196532-1 MSD — **Client Sample ID: MP-228AR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621246 — **Prep Batch: 621014**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic, Dissolved	0.0039		0.0200	0.0240		mg/L		101	75 - 125	0	20
Barium, Dissolved	0.027	B	0.0200	0.0439		mg/L		86	75 - 125	3	20
Cadmium, Dissolved	ND		0.0200	0.0187		mg/L		94	75 - 125	1	20
Lead, Dissolved	ND		0.0200	0.0181		mg/L		91	75 - 125	0	20
Silver, Dissolved	ND		0.0200	0.0191		mg/L		96	75 - 125	0	20
Selenium, Dissolved	ND		0.0200	0.0205		mg/L		103	75 - 125	1	20

Lab Sample ID: 480-196601-13 MS — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621174 — **Prep Batch: 621067**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic, Dissolved	ND		0.0200	0.0202		mg/L		101	75 - 125
Barium, Dissolved	0.26		0.0200	0.259	4	mg/L		11	75 - 125
Cadmium, Dissolved	ND		0.0200	0.0193		mg/L		96	75 - 125

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

Lab Sample ID: 480-196601-13 MS
Matrix: Water
Analysis Batch: 621174

Client Sample ID: MP-281
Prep Type: Dissolved
Prep Batch: 621067

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead, Dissolved	ND		0.0200	0.0183		mg/L		92	75 - 125
Silver, Dissolved	ND		0.0200	0.0198		mg/L		99	75 - 125
Selenium, Dissolved	ND		0.0200	0.0196		mg/L		98	75 - 125

Lab Sample ID: 480-196601-13 MSD
Matrix: Water
Analysis Batch: 621174

Client Sample ID: MP-281
Prep Type: Dissolved
Prep Batch: 621067

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic, Dissolved	ND		0.0200	0.0214		mg/L		107	75 - 125	6	20
Barium, Dissolved	0.26		0.0200	0.278	4	mg/L		108	75 - 125	7	20
Cadmium, Dissolved	ND		0.0200	0.0197		mg/L		99	75 - 125	2	20
Lead, Dissolved	ND		0.0200	0.0194		mg/L		97	75 - 125	6	20
Silver, Dissolved	ND		0.0200	0.0201		mg/L		101	75 - 125	2	20
Selenium, Dissolved	ND		0.0200	0.0207		mg/L		103	75 - 125	6	20

Lab Sample ID: 480-196601-21 MS
Matrix: Water
Analysis Batch: 621173

Client Sample ID: MP-280
Prep Type: Dissolved
Prep Batch: 621068

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic, Dissolved	0.024		0.0200	0.0447		mg/L		103	75 - 125
Barium, Dissolved	0.29		0.0200	0.319	4	mg/L		143	75 - 125
Cadmium, Dissolved	ND		0.0200	0.0194		mg/L		97	75 - 125
Lead, Dissolved	ND		0.0200	0.0192		mg/L		96	75 - 125
Silver, Dissolved	ND		0.0200	0.0199		mg/L		99	75 - 125
Selenium, Dissolved	ND		0.0200	0.0206		mg/L		103	75 - 125

Lab Sample ID: 480-196601-21 MSD
Matrix: Water
Analysis Batch: 621173

Client Sample ID: MP-280
Prep Type: Dissolved
Prep Batch: 621068

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic, Dissolved	0.024		0.0200	0.0416		mg/L		88	75 - 125	7	20
Barium, Dissolved	0.29		0.0200	0.288	4	mg/L		-8	75 - 125	10	20
Cadmium, Dissolved	ND		0.0200	0.0176		mg/L		88	75 - 125	10	20
Lead, Dissolved	ND		0.0200	0.0187		mg/L		93	75 - 125	3	20
Silver, Dissolved	ND		0.0200	0.0180		mg/L		90	75 - 125	10	20
Selenium, Dissolved	ND		0.0200	0.0199		mg/L		100	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-621357/1-A
Matrix: Water
Analysis Batch: 621467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621357

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 14:23	1

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

Lab Sample ID: LCS 480-621357/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621467 — **Prep Batch: 621357**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	0.00667	0.00692		mg/L		104	80 - 120

Lab Sample ID: MB 480-621359/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621467 — **Prep Batch: 621359**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/12/22 11:31	04/12/22 15:01	1

Lab Sample ID: LCS 480-621359/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621467 — **Prep Batch: 621359**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	0.00667	0.00700		mg/L		105	80 - 120

Lab Sample ID: MB 480-621510/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621624 — **Prep Batch: 621510**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.000043	mg/L		04/13/22 11:04	04/13/22 13:46	1

Lab Sample ID: LCS 480-621510/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621624 — **Prep Batch: 621510**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	0.00667	0.00687		mg/L		103	80 - 120

Lab Sample ID: 480-196601-13 MS — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621467 — **Prep Batch: 621359**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	ND		0.00667	0.00667		mg/L		100	80 - 120

Lab Sample ID: 480-196601-13 MSD — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621467 — **Prep Batch: 621359**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury, Dissolved	ND		0.00667	0.00652		mg/L		98	80 - 120	2	20

Lab Sample ID: 480-196532-3 MS — **Client Sample ID: MP-228R**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621624 — **Prep Batch: 621510**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	ND		0.00667	0.00640		mg/L		96	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 480-196532-3 MSD — **Client Sample ID: MP-228R**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 621624 — **Prep Batch: 621510**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury, Dissolved	ND		0.00667	0.00643		mg/L		96	80 - 120	1	20

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-621712/52 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621712

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/23/22 11:25	1

Lab Sample ID: MB 480-621712/76 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621712

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/23/22 22:37	1

Lab Sample ID: LCS 480-621712/53 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621712

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	58.29		mg/L		97	90 - 110

Lab Sample ID: LCS 480-621712/77 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621712

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	57.91		mg/L		97	90 - 110

Lab Sample ID: 480-196532-4 MS — **Client Sample ID: MP-230A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621712

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	1.4		23.3	28.79		mg/L		118	54 - 131

Lab Sample ID: 480-196532-12 MS — **Client Sample ID: MP-251A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621712

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	1.3		23.3	27.90		mg/L		114	54 - 131

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 480-196532-5 DU — **Client Sample ID: MP-233R**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621712

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Organic Carbon	5.5			5.59		mg/L				2	20

Lab Sample ID: 480-196532-13 DU — **Client Sample ID: MP-286C**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621712

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Organic Carbon	1.5			1.42		mg/L				2	20

Lab Sample ID: MB 480-621915/33 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/14/22 05:26	1

Lab Sample ID: MB 480-621915/57 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/14/22 16:58	1

Lab Sample ID: MB 480-621915/9 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/13/22 17:50	1

Lab Sample ID: LCS 480-621915/10 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			60.0	55.27		mg/L		92	90 - 110		

Lab Sample ID: LCS 480-621915/34 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			60.0	55.07		mg/L		92	90 - 110		

Lab Sample ID: LCS 480-621915/58 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			60.0	55.44		mg/L		92	90 - 110		

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-196601-6 MS — **Client Sample ID: MP-233AR**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon	3.1		23.3	26.06		mg/L		99	54 - 131		

Lab Sample ID: 480-196601-13 MS — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon	3.5		23.3	31.91		mg/L		122	54 - 131		

Lab Sample ID: 480-196601-13 MSD — **Client Sample ID: MP-281**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Organic Carbon	3.5		23.3	32.09		mg/L		123	54 - 131	1	20

Lab Sample ID: 480-196601-21 MS — **Client Sample ID: MP-280**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon	15.2		23.3	42.34		mg/L		117	54 - 131		

Lab Sample ID: 480-196601-28 MS — **Client Sample ID: MP-250**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon	1.1		23.3	29.51		mg/L		122	54 - 131		

Lab Sample ID: 480-196601-7 DU — **Client Sample ID: MP-404**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Organic Carbon	8.0			8.10		mg/L				1	20

Lab Sample ID: 480-196601-22 DU — **Client Sample ID: MP-210AR**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Organic Carbon	1.8			1.77		mg/L				0	20

Lab Sample ID: 480-196601-29 DU — **Client Sample ID: MP-244R**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 621915

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Organic Carbon	0.72	J		0.686	J	mg/L				5	20

QC Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-622059/4
Matrix: Water
Analysis Batch: 622059

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			04/15/22 20:01	1

Lab Sample ID: LCS 480-622059/5
Matrix: Water
Analysis Batch: 622059

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			60.0	55.85		mg/L		93	90 - 110		

Lab Sample ID: 480-196601-1 DU
Matrix: Water
Analysis Batch: 622059

Client Sample ID: MP-402A
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Organic Carbon	3.6			3.64		mg/L				0.06	20

QC Association Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

GC/MS VOA

Analysis Batch: 621058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Total/NA	Water	8260C	
480-196532-2	DUPLICATE DMP #1	Total/NA	Water	8260C	
480-196532-3	MP-228R	Total/NA	Water	8260C	
480-196532-4	MP-230A	Total/NA	Water	8260C	
480-196532-5	MP-233R	Total/NA	Water	8260C	
480-196532-6	MP-211BR	Total/NA	Water	8260C	
480-196532-7	MP-280A	Total/NA	Water	8260C	
480-196532-8	MP-405A	Total/NA	Water	8260C	
480-196532-9	DUPLICATE DMP #3	Total/NA	Water	8260C	
480-196532-10	MP-213A	Total/NA	Water	8260C	
480-196532-11	MP-279	Total/NA	Water	8260C	
480-196532-12	MP-251A	Total/NA	Water	8260C	
480-196532-13	MP-286C	Total/NA	Water	8260C	
480-196532-14	MP-274	Total/NA	Water	8260C	
480-196532-15	MP-274A	Total/NA	Water	8260C	
480-196532-16	MP-281C	Total/NA	Water	8260C	
480-196532-17	MP-409	Total/NA	Water	8260C	
MB 480-621058/7	Method Blank	Total/NA	Water	8260C	
LCS 480-621058/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 621105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Total/NA	Water	8260C	
480-196601-2	MP-234R	Total/NA	Water	8260C	
480-196601-3	MP-234AR	Total/NA	Water	8260C	
480-196601-4	MP-241R	Total/NA	Water	8260C	
480-196601-5	MP-237	Total/NA	Water	8260C	
480-196601-6	MP-233AR	Total/NA	Water	8260C	
480-196601-7	MP-404	Total/NA	Water	8260C	
480-196601-8	MP-404A	Total/NA	Water	8260C	
480-196601-9	MP-403A	Total/NA	Water	8260C	
480-196601-10	MP-214BR	Total/NA	Water	8260C	
480-196601-11	MP-406C	Total/NA	Water	8260C	
480-196601-12	DUPLICATE-DMP #2	Total/NA	Water	8260C	
480-196601-13	MP-281	Total/NA	Water	8260C	
480-196601-14	MP-235BR	Total/NA	Water	8260C	
480-196601-15	MP-235CR	Total/NA	Water	8260C	
480-196601-16	MP-235R	Total/NA	Water	8260C	
480-196601-17	MP-238R	Total/NA	Water	8260C	
480-196601-18	MP-401A	Total/NA	Water	8260C	
480-196601-20	MP-408	Total/NA	Water	8260C	
480-196601-21	MP-280	Total/NA	Water	8260C	
MB 480-621105/9	Method Blank	Total/NA	Water	8260C	
LCS 480-621105/6	Lab Control Sample	Total/NA	Water	8260C	
480-196601-13 MS	MP-281	Total/NA	Water	8260C	
480-196601-13 MSD	MP-281	Total/NA	Water	8260C	

Analysis Batch: 621350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-19	MP-401B	Total/NA	Water	8260C	
480-196601-22	MP-210AR	Total/NA	Water	8260C	

GC/MS VOA (Continued)

Analysis Batch: 621350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-23	MP-206AR	Total/NA	Water	8260C	
480-196601-24	FIELD BLANK DMP	Total/NA	Water	8260C	
480-196601-25	MP-277A	Total/NA	Water	8260C	
480-196601-26	MP-231AR	Total/NA	Water	8260C	
480-196601-27	MP-250A	Total/NA	Water	8260C	
480-196601-28	MP-250	Total/NA	Water	8260C	
480-196601-29	MP-244R	Total/NA	Water	8260C	
480-196601-30	MP-244ARR	Total/NA	Water	8260C	
480-196601-31	MP-407	Total/NA	Water	8260C	
480-196601-32	MP-232A	Total/NA	Water	8260C	
480-196601-33	TRIP BLANK	Total/NA	Water	8260C	
MB 480-621350/7	Method Blank	Total/NA	Water	8260C	
LCS 480-621350/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-621350/54	Lab Control Sample Dup	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 620937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Total/NA	Water	3510C	
480-196532-2	DUPLICATE DMP #1	Total/NA	Water	3510C	
480-196532-3	MP-228R	Total/NA	Water	3510C	
480-196532-4	MP-230A	Total/NA	Water	3510C	
480-196532-5	MP-233R	Total/NA	Water	3510C	
480-196532-6	MP-211BR	Total/NA	Water	3510C	
480-196532-7	MP-280A	Total/NA	Water	3510C	
480-196532-8	MP-405A	Total/NA	Water	3510C	
480-196532-9	DUPLICATE DMP #3	Total/NA	Water	3510C	
480-196532-10	MP-213A	Total/NA	Water	3510C	
480-196532-11	MP-279	Total/NA	Water	3510C	
480-196532-12	MP-251A	Total/NA	Water	3510C	
480-196532-13	MP-286C	Total/NA	Water	3510C	
480-196532-14	MP-274	Total/NA	Water	3510C	
480-196532-15	MP-274A	Total/NA	Water	3510C	
480-196532-16	MP-281C	Total/NA	Water	3510C	
480-196532-17	MP-409	Total/NA	Water	3510C	
MB 480-620937/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-620937/2-A	Lab Control Sample	Total/NA	Water	3510C	

Prep Batch: 621248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Total/NA	Water	8011	
480-196601-2	MP-234R	Total/NA	Water	8011	
480-196601-3	MP-234AR	Total/NA	Water	8011	
480-196601-4	MP-241R	Total/NA	Water	8011	
480-196601-5	MP-237	Total/NA	Water	8011	
MB 480-621248/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-621248/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-621248/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

QC Association Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

GC Semi VOA

Analysis Batch: 621256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Total/NA	Water	8011	621248
480-196601-2	MP-234R	Total/NA	Water	8011	621248
480-196601-3	MP-234AR	Total/NA	Water	8011	621248
480-196601-4	MP-241R	Total/NA	Water	8011	621248
480-196601-5	MP-237	Total/NA	Water	8011	621248
480-196601-6	MP-233AR	Total/NA	Water	8011	621284
480-196601-7	MP-404	Total/NA	Water	8011	621284
480-196601-8	MP-404A	Total/NA	Water	8011	621284
480-196601-9	MP-403A	Total/NA	Water	8011	621284
480-196601-10	MP-214BR	Total/NA	Water	8011	621284
480-196601-11	MP-406C	Total/NA	Water	8011	621284
480-196601-12	DUPLICATE-DMP #2	Total/NA	Water	8011	621284
480-196601-13	MP-281	Total/NA	Water	8011	621284
480-196601-14	MP-235BR	Total/NA	Water	8011	621284
480-196601-15	MP-235CR	Total/NA	Water	8011	621284
480-196601-16	MP-235R	Total/NA	Water	8011	621284
480-196601-17	MP-238R	Total/NA	Water	8011	621284
480-196601-18	MP-401A	Total/NA	Water	8011	621284
480-196601-19	MP-401B	Total/NA	Water	8011	621284
480-196601-20	MP-408	Total/NA	Water	8011	621284
480-196601-21	MP-280	Total/NA	Water	8011	621284
480-196601-22	MP-210AR	Total/NA	Water	8011	621284
480-196601-23	MP-206AR	Total/NA	Water	8011	621284
MB 480-621248/1-A	Method Blank	Total/NA	Water	8011	621248
MB 480-621284/1-A	Method Blank	Total/NA	Water	8011	621284
LCS 480-621248/2-A	Lab Control Sample	Total/NA	Water	8011	621248
LCS 480-621284/2-A	Lab Control Sample	Total/NA	Water	8011	621284
LCSD 480-621248/3-A	Lab Control Sample Dup	Total/NA	Water	8011	621248
480-196601-13 MS	MP-281	Total/NA	Water	8011	621284
480-196601-13 MSD	MP-281	Total/NA	Water	8011	621284

Analysis Batch: 621258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Total/NA	Water	8082A	620937
480-196532-2	DUPLICATE DMP #1	Total/NA	Water	8082A	620937
480-196532-3	MP-228R	Total/NA	Water	8082A	620937
480-196532-4	MP-230A	Total/NA	Water	8082A	620937
480-196532-5	MP-233R	Total/NA	Water	8082A	620937
480-196532-6	MP-211BR	Total/NA	Water	8082A	620937
480-196532-7	MP-280A	Total/NA	Water	8082A	620937
480-196532-8	MP-405A	Total/NA	Water	8082A	620937
480-196532-9	DUPLICATE DMP #3	Total/NA	Water	8082A	620937
480-196532-10	MP-213A	Total/NA	Water	8082A	620937
480-196532-11	MP-279	Total/NA	Water	8082A	620937
480-196532-12	MP-251A	Total/NA	Water	8082A	620937
480-196532-13	MP-286C	Total/NA	Water	8082A	620937
480-196532-14	MP-274	Total/NA	Water	8082A	620937
480-196532-15	MP-274A	Total/NA	Water	8082A	620937
480-196532-16	MP-281C	Total/NA	Water	8082A	620937
480-196532-17	MP-409	Total/NA	Water	8082A	620937
MB 480-620937/1-A	Method Blank	Total/NA	Water	8082A	620937

GC Semi VOA (Continued)

Analysis Batch: 621258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-620937/2-A	Lab Control Sample	Total/NA	Water	8082A	620937

Prep Batch: 621284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-6	MP-233AR	Total/NA	Water	8011	
480-196601-7	MP-404	Total/NA	Water	8011	
480-196601-8	MP-404A	Total/NA	Water	8011	
480-196601-9	MP-403A	Total/NA	Water	8011	
480-196601-10	MP-214BR	Total/NA	Water	8011	
480-196601-11	MP-406C	Total/NA	Water	8011	
480-196601-12	DUPLICATE-DMP #2	Total/NA	Water	8011	
480-196601-13	MP-281	Total/NA	Water	8011	
480-196601-14	MP-235BR	Total/NA	Water	8011	
480-196601-15	MP-235CR	Total/NA	Water	8011	
480-196601-16	MP-235R	Total/NA	Water	8011	
480-196601-17	MP-238R	Total/NA	Water	8011	
480-196601-18	MP-401A	Total/NA	Water	8011	
480-196601-19	MP-401B	Total/NA	Water	8011	
480-196601-20	MP-408	Total/NA	Water	8011	
480-196601-21	MP-280	Total/NA	Water	8011	
480-196601-22	MP-210AR	Total/NA	Water	8011	
480-196601-23	MP-206AR	Total/NA	Water	8011	
MB 480-621284/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-621284/2-A	Lab Control Sample	Total/NA	Water	8011	
480-196601-13 MS	MP-281	Total/NA	Water	8011	
480-196601-13 MSD	MP-281	Total/NA	Water	8011	

Prep Batch: 621412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-24	FIELD BLANK DMP	Total/NA	Water	8011	
480-196601-25	MP-277A	Total/NA	Water	8011	
480-196601-26	MP-231AR	Total/NA	Water	8011	
480-196601-27	MP-250A	Total/NA	Water	8011	
480-196601-28	MP-250	Total/NA	Water	8011	
480-196601-29	MP-244R	Total/NA	Water	8011	
480-196601-30	MP-244ARR	Total/NA	Water	8011	
480-196601-31	MP-407	Total/NA	Water	8011	
480-196601-32	MP-232A	Total/NA	Water	8011	
480-196601-33	TRIP BLANK	Total/NA	Water	8011	
MB 480-621412/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-621412/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-621412/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

Analysis Batch: 621434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Total/NA	Water	8011	621468
480-196532-2	DUPLICATE DMP #1	Total/NA	Water	8011	621468
480-196532-3	MP-228R	Total/NA	Water	8011	621468
480-196532-4	MP-230A	Total/NA	Water	8011	621468
480-196532-5	MP-233R	Total/NA	Water	8011	621468
480-196532-6	MP-211BR	Total/NA	Water	8011	621468

GC Semi VOA (Continued)

Analysis Batch: 621434 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-7	MP-280A	Total/NA	Water	8011	621468
480-196532-8	MP-405A	Total/NA	Water	8011	621468
480-196532-9	DUPLICATE DMP #3	Total/NA	Water	8011	621468
480-196532-10	MP-213A	Total/NA	Water	8011	621468
480-196532-11	MP-279	Total/NA	Water	8011	621468
480-196532-12	MP-251A	Total/NA	Water	8011	621468
480-196532-13	MP-286C	Total/NA	Water	8011	621468
480-196532-14	MP-274	Total/NA	Water	8011	621468
480-196532-15	MP-274A	Total/NA	Water	8011	621468
480-196532-16	MP-281C	Total/NA	Water	8011	621468
480-196532-17	MP-409	Total/NA	Water	8011	621468
480-196601-24	FIELD BLANK DMP	Total/NA	Water	8011	621412
480-196601-25	MP-277A	Total/NA	Water	8011	621412
480-196601-26	MP-231AR	Total/NA	Water	8011	621412
480-196601-27	MP-250A	Total/NA	Water	8011	621412
480-196601-28	MP-250	Total/NA	Water	8011	621412
480-196601-29	MP-244R	Total/NA	Water	8011	621412
480-196601-30	MP-244ARR	Total/NA	Water	8011	621412
480-196601-31	MP-407	Total/NA	Water	8011	621412
480-196601-32	MP-232A	Total/NA	Water	8011	621412
480-196601-33	TRIP BLANK	Total/NA	Water	8011	621412
MB 480-621412/1-A	Method Blank	Total/NA	Water	8011	621412
MB 480-621468/1-A	Method Blank	Total/NA	Water	8011	621468
LCS 480-621412/2-A	Lab Control Sample	Total/NA	Water	8011	621412
LCS 480-621468/2-A	Lab Control Sample	Total/NA	Water	8011	621468
LCSD 480-621412/3-A	Lab Control Sample Dup	Total/NA	Water	8011	621412
LCSD 480-621468/3-A	Lab Control Sample Dup	Total/NA	Water	8011	621468

Prep Batch: 621468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Total/NA	Water	8011	
480-196532-2	DUPLICATE DMP #1	Total/NA	Water	8011	
480-196532-3	MP-228R	Total/NA	Water	8011	
480-196532-4	MP-230A	Total/NA	Water	8011	
480-196532-5	MP-233R	Total/NA	Water	8011	
480-196532-6	MP-211BR	Total/NA	Water	8011	
480-196532-7	MP-280A	Total/NA	Water	8011	
480-196532-8	MP-405A	Total/NA	Water	8011	
480-196532-9	DUPLICATE DMP #3	Total/NA	Water	8011	
480-196532-10	MP-213A	Total/NA	Water	8011	
480-196532-11	MP-279	Total/NA	Water	8011	
480-196532-12	MP-251A	Total/NA	Water	8011	
480-196532-13	MP-286C	Total/NA	Water	8011	
480-196532-14	MP-274	Total/NA	Water	8011	
480-196532-15	MP-274A	Total/NA	Water	8011	
480-196532-16	MP-281C	Total/NA	Water	8011	
480-196532-17	MP-409	Total/NA	Water	8011	
MB 480-621468/1-A	Method Blank	Total/NA	Water	8011	
LCS 480-621468/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-621468/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

QC Association Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

GC Semi VOA

Prep Batch: 621590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Total/NA	Water	3510C	
480-196601-2	MP-234R	Total/NA	Water	3510C	
480-196601-3	MP-234AR	Total/NA	Water	3510C	
480-196601-4	MP-241R	Total/NA	Water	3510C	
480-196601-5	MP-237	Total/NA	Water	3510C	
480-196601-6	MP-233AR	Total/NA	Water	3510C	
480-196601-7	MP-404	Total/NA	Water	3510C	
480-196601-8	MP-404A	Total/NA	Water	3510C	
480-196601-9	MP-403A	Total/NA	Water	3510C	
480-196601-10	MP-214BR	Total/NA	Water	3510C	
480-196601-11	MP-406C	Total/NA	Water	3510C	
480-196601-12	DUPLICATE-DMP #2	Total/NA	Water	3510C	
480-196601-13	MP-281	Total/NA	Water	3510C	
480-196601-14	MP-235BR	Total/NA	Water	3510C	
480-196601-15	MP-235CR	Total/NA	Water	3510C	
480-196601-16	MP-235R	Total/NA	Water	3510C	
480-196601-17	MP-238R	Total/NA	Water	3510C	
480-196601-18	MP-401A	Total/NA	Water	3510C	
480-196601-19	MP-401B	Total/NA	Water	3510C	
480-196601-20	MP-408	Total/NA	Water	3510C	
MB 480-621590/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-621590/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-196601-13 MS	MP-281	Total/NA	Water	3510C	
480-196601-13 MSD	MP-281	Total/NA	Water	3510C	

Prep Batch: 621599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-21	MP-280	Total/NA	Water	3510C	
480-196601-22	MP-210AR	Total/NA	Water	3510C	
480-196601-23	MP-206AR	Total/NA	Water	3510C	
480-196601-24	FIELD BLANK DMP	Total/NA	Water	3510C	
480-196601-25	MP-277A	Total/NA	Water	3510C	
480-196601-26	MP-231AR	Total/NA	Water	3510C	
480-196601-27	MP-250A	Total/NA	Water	3510C	
480-196601-28	MP-250	Total/NA	Water	3510C	
480-196601-29	MP-244R	Total/NA	Water	3510C	
480-196601-30	MP-244ARR	Total/NA	Water	3510C	
480-196601-31	MP-407	Total/NA	Water	3510C	
480-196601-32	MP-232A	Total/NA	Water	3510C	
MB 480-621599/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-621599/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-621599/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 621822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-21	MP-280	Total/NA	Water	8082A	621599
480-196601-22	MP-210AR	Total/NA	Water	8082A	621599
480-196601-23	MP-206AR	Total/NA	Water	8082A	621599
480-196601-24	FIELD BLANK DMP	Total/NA	Water	8082A	621599
480-196601-25	MP-277A	Total/NA	Water	8082A	621599
480-196601-26	MP-231AR	Total/NA	Water	8082A	621599

GC Semi VOA (Continued)

Analysis Batch: 621822 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-27	MP-250A	Total/NA	Water	8082A	621599
480-196601-28	MP-250	Total/NA	Water	8082A	621599
480-196601-29	MP-244R	Total/NA	Water	8082A	621599
480-196601-30	MP-244ARR	Total/NA	Water	8082A	621599
480-196601-31	MP-407	Total/NA	Water	8082A	621599
480-196601-32	MP-232A	Total/NA	Water	8082A	621599
MB 480-621599/1-A	Method Blank	Total/NA	Water	8082A	621599
LCS 480-621599/2-A	Lab Control Sample	Total/NA	Water	8082A	621599
LCSD 480-621599/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	621599

Analysis Batch: 621824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Total/NA	Water	8082A	621590
480-196601-2	MP-234R	Total/NA	Water	8082A	621590
480-196601-3	MP-234AR	Total/NA	Water	8082A	621590
480-196601-4	MP-241R	Total/NA	Water	8082A	621590
480-196601-5	MP-237	Total/NA	Water	8082A	621590
480-196601-6	MP-233AR	Total/NA	Water	8082A	621590
480-196601-7	MP-404	Total/NA	Water	8082A	621590
480-196601-8	MP-404A	Total/NA	Water	8082A	621590
480-196601-9	MP-403A	Total/NA	Water	8082A	621590
480-196601-10	MP-214BR	Total/NA	Water	8082A	621590
480-196601-11	MP-406C	Total/NA	Water	8082A	621590
480-196601-12	DUPLICATE-DMP #2	Total/NA	Water	8082A	621590
480-196601-13	MP-281	Total/NA	Water	8082A	621590
480-196601-14	MP-235BR	Total/NA	Water	8082A	621590
480-196601-15	MP-235CR	Total/NA	Water	8082A	621590
480-196601-16	MP-235R	Total/NA	Water	8082A	621590
480-196601-17	MP-238R	Total/NA	Water	8082A	621590
480-196601-18	MP-401A	Total/NA	Water	8082A	621590
480-196601-19	MP-401B	Total/NA	Water	8082A	621590
480-196601-20	MP-408	Total/NA	Water	8082A	621590
MB 480-621590/1-A	Method Blank	Total/NA	Water	8082A	621590
LCS 480-621590/2-A	Lab Control Sample	Total/NA	Water	8082A	621590
480-196601-13 MS	MP-281	Total/NA	Water	8082A	621590
480-196601-13 MSD	MP-281	Total/NA	Water	8082A	621590

Metals

Prep Batch: 621014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Dissolved	Water	3020A	
480-196532-2	DUPLICATE DMP #1	Dissolved	Water	3020A	
480-196532-3	MP-228R	Dissolved	Water	3020A	
480-196532-4	MP-230A	Dissolved	Water	3020A	
480-196532-5	MP-233R	Dissolved	Water	3020A	
480-196532-6	MP-211BR	Dissolved	Water	3020A	
480-196532-7	MP-280A	Dissolved	Water	3020A	
480-196532-8	MP-405A	Dissolved	Water	3020A	
480-196532-9	DUPLICATE DMP #3	Dissolved	Water	3020A	
480-196532-10	MP-213A	Dissolved	Water	3020A	

Metals (Continued)

Prep Batch: 621014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-11	MP-279	Dissolved	Water	3020A	
480-196532-12	MP-251A	Dissolved	Water	3020A	
480-196532-13	MP-286C	Dissolved	Water	3020A	
480-196532-14	MP-274	Dissolved	Water	3020A	
480-196532-15	MP-274A	Dissolved	Water	3020A	
480-196532-16	MP-281C	Dissolved	Water	3020A	
480-196532-17	MP-409	Dissolved	Water	3020A	
MB 480-621014/1-A	Method Blank	Total/NA	Water	3020A	
LCS 480-621014/2-A	Lab Control Sample	Total/NA	Water	3020A	
480-196532-1 MS	MP-228AR	Dissolved	Water	3020A	
480-196532-1 MSD	MP-228AR	Dissolved	Water	3020A	

Prep Batch: 621019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Dissolved	Water	3005A	
480-196532-2	DUPLICATE DMP #1	Dissolved	Water	3005A	
480-196532-3	MP-228R	Dissolved	Water	3005A	
480-196532-4	MP-230A	Dissolved	Water	3005A	
480-196532-5	MP-233R	Dissolved	Water	3005A	
480-196532-6	MP-211BR	Dissolved	Water	3005A	
480-196532-7	MP-280A	Dissolved	Water	3005A	
480-196532-8	MP-405A	Dissolved	Water	3005A	
480-196532-9	DUPLICATE DMP #3	Dissolved	Water	3005A	
480-196532-10	MP-213A	Dissolved	Water	3005A	
480-196532-11	MP-279	Dissolved	Water	3005A	
480-196532-12	MP-251A	Dissolved	Water	3005A	
480-196532-13	MP-286C	Dissolved	Water	3005A	
480-196532-14	MP-274	Dissolved	Water	3005A	
480-196532-15	MP-274A	Dissolved	Water	3005A	
480-196532-16	MP-281C	Dissolved	Water	3005A	
480-196532-17	MP-409	Dissolved	Water	3005A	
MB 480-621019/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 480-621019/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
480-196532-2 MS	DUPLICATE DMP #1	Dissolved	Water	3005A	
480-196532-2 MSD	DUPLICATE DMP #1	Dissolved	Water	3005A	

Prep Batch: 621067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Dissolved	Water	3020A	
480-196601-2	MP-234R	Dissolved	Water	3020A	
480-196601-3	MP-234AR	Dissolved	Water	3020A	
480-196601-4	MP-241R	Dissolved	Water	3020A	
480-196601-5	MP-237	Dissolved	Water	3020A	
480-196601-6	MP-233AR	Dissolved	Water	3020A	
480-196601-7	MP-404	Dissolved	Water	3020A	
480-196601-8	MP-404A	Dissolved	Water	3020A	
480-196601-9	MP-403A	Dissolved	Water	3020A	
480-196601-10	MP-214BR	Dissolved	Water	3020A	
480-196601-11	MP-406C	Dissolved	Water	3020A	
480-196601-12	DUPLICATE-DMP #2	Dissolved	Water	3020A	
480-196601-13	MP-281	Dissolved	Water	3020A	

Metals (Continued)

Prep Batch: 621067 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-14	MP-235BR	Dissolved	Water	3020A	
480-196601-15	MP-235CR	Dissolved	Water	3020A	
480-196601-16	MP-235R	Dissolved	Water	3020A	
480-196601-17	MP-238R	Dissolved	Water	3020A	
480-196601-18	MP-401A	Dissolved	Water	3020A	
480-196601-19	MP-401B	Dissolved	Water	3020A	
480-196601-20	MP-408	Dissolved	Water	3020A	
MB 480-621067/1-A	Method Blank	Total/NA	Water	3020A	
LCS 480-621067/2-A	Lab Control Sample	Total/NA	Water	3020A	
480-196601-13 MS	MP-281	Dissolved	Water	3020A	
480-196601-13 MSD	MP-281	Dissolved	Water	3020A	

Prep Batch: 621068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-21	MP-280	Dissolved	Water	3020A	
480-196601-22	MP-210AR	Dissolved	Water	3020A	
480-196601-23	MP-206AR	Dissolved	Water	3020A	
480-196601-24	FIELD BLANK DMP	Dissolved	Water	3020A	
480-196601-25	MP-277A	Dissolved	Water	3020A	
480-196601-26	MP-231AR	Dissolved	Water	3020A	
480-196601-27	MP-250A	Dissolved	Water	3020A	
480-196601-28	MP-250	Dissolved	Water	3020A	
480-196601-29	MP-244R	Dissolved	Water	3020A	
480-196601-30	MP-244ARR	Dissolved	Water	3020A	
480-196601-31	MP-407	Dissolved	Water	3020A	
480-196601-32	MP-232A	Dissolved	Water	3020A	
MB 480-621068/1-A	Method Blank	Total/NA	Water	3020A	
LCS 480-621068/2-A	Lab Control Sample	Total/NA	Water	3020A	
480-196601-21 MS	MP-280	Dissolved	Water	3020A	
480-196601-21 MSD	MP-280	Dissolved	Water	3020A	

Prep Batch: 621071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Dissolved	Water	3005A	
480-196601-2	MP-234R	Dissolved	Water	3005A	
480-196601-4	MP-241R	Dissolved	Water	3005A	
480-196601-5	MP-237	Dissolved	Water	3005A	
480-196601-6	MP-233AR	Dissolved	Water	3005A	
480-196601-7	MP-404	Dissolved	Water	3005A	
480-196601-8	MP-404A	Dissolved	Water	3005A	
480-196601-9	MP-403A	Dissolved	Water	3005A	
480-196601-11	MP-406C	Dissolved	Water	3005A	
480-196601-12	DUPLICATE-DMP #2	Dissolved	Water	3005A	
480-196601-13	MP-281	Dissolved	Water	3005A	
480-196601-14	MP-235BR	Dissolved	Water	3005A	
480-196601-15	MP-235CR	Dissolved	Water	3005A	
480-196601-16	MP-235R	Dissolved	Water	3005A	
480-196601-17	MP-238R	Dissolved	Water	3005A	
480-196601-18	MP-401A	Dissolved	Water	3005A	
480-196601-19	MP-401B	Dissolved	Water	3005A	
480-196601-20	MP-408	Dissolved	Water	3005A	

Metals (Continued)

Prep Batch: 621071 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-621071/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 480-621071/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
480-196601-13 MS	MP-281	Dissolved	Water	3005A	
480-196601-13 MSD	MP-281	Dissolved	Water	3005A	

Prep Batch: 621072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-21	MP-280	Dissolved	Water	3005A	
480-196601-22	MP-210AR	Dissolved	Water	3005A	
480-196601-23	MP-206AR	Dissolved	Water	3005A	
480-196601-24	FIELD BLANK DMP	Dissolved	Water	3005A	
480-196601-25	MP-277A	Dissolved	Water	3005A	
480-196601-26	MP-231AR	Dissolved	Water	3005A	
480-196601-27	MP-250A	Dissolved	Water	3005A	
480-196601-28	MP-250	Dissolved	Water	3005A	
480-196601-29	MP-244R	Dissolved	Water	3005A	
480-196601-30	MP-244ARR	Dissolved	Water	3005A	
480-196601-31	MP-407	Dissolved	Water	3005A	
480-196601-32	MP-232A	Dissolved	Water	3005A	
MB 480-621072/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 480-621072/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
480-196601-22 MS	MP-210AR	Dissolved	Water	3005A	
480-196601-22 MSD	MP-210AR	Dissolved	Water	3005A	

Analysis Batch: 621173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-21	MP-280	Dissolved	Water	6020A	621068
480-196601-22	MP-210AR	Dissolved	Water	6020A	621068
480-196601-23	MP-206AR	Dissolved	Water	6020A	621068
480-196601-24	FIELD BLANK DMP	Dissolved	Water	6020A	621068
480-196601-25	MP-277A	Dissolved	Water	6020A	621068
480-196601-26	MP-231AR	Dissolved	Water	6020A	621068
480-196601-27	MP-250A	Dissolved	Water	6020A	621068
480-196601-28	MP-250	Dissolved	Water	6020A	621068
480-196601-29	MP-244R	Dissolved	Water	6020A	621068
480-196601-30	MP-244ARR	Dissolved	Water	6020A	621068
480-196601-31	MP-407	Dissolved	Water	6020A	621068
480-196601-32	MP-232A	Dissolved	Water	6020A	621068
MB 480-621068/1-A	Method Blank	Total/NA	Water	6020A	621068
LCS 480-621068/2-A	Lab Control Sample	Total/NA	Water	6020A	621068
480-196601-21 MS	MP-280	Dissolved	Water	6020A	621068
480-196601-21 MSD	MP-280	Dissolved	Water	6020A	621068

Analysis Batch: 621174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Dissolved	Water	6020A	621067
480-196601-2	MP-234R	Dissolved	Water	6020A	621067
480-196601-3	MP-234AR	Dissolved	Water	6020A	621067
480-196601-4	MP-241R	Dissolved	Water	6020A	621067
480-196601-5	MP-237	Dissolved	Water	6020A	621067
480-196601-6	MP-233AR	Dissolved	Water	6020A	621067

Metals (Continued)

Analysis Batch: 621174 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-7	MP-404	Dissolved	Water	6020A	621067
480-196601-8	MP-404A	Dissolved	Water	6020A	621067
480-196601-9	MP-403A	Dissolved	Water	6020A	621067
480-196601-10	MP-214BR	Dissolved	Water	6020A	621067
480-196601-11	MP-406C	Dissolved	Water	6020A	621067
480-196601-12	DUPLICATE-DMP #2	Dissolved	Water	6020A	621067
480-196601-13	MP-281	Dissolved	Water	6020A	621067
480-196601-14	MP-235BR	Dissolved	Water	6020A	621067
480-196601-15	MP-235CR	Dissolved	Water	6020A	621067
480-196601-16	MP-235R	Dissolved	Water	6020A	621067
480-196601-17	MP-238R	Dissolved	Water	6020A	621067
480-196601-18	MP-401A	Dissolved	Water	6020A	621067
480-196601-19	MP-401B	Dissolved	Water	6020A	621067
480-196601-20	MP-408	Dissolved	Water	6020A	621067
MB 480-621067/1-A	Method Blank	Total/NA	Water	6020A	621067
LCS 480-621067/2-A	Lab Control Sample	Total/NA	Water	6020A	621067
480-196601-13 MS	MP-281	Dissolved	Water	6020A	621067
480-196601-13 MSD	MP-281	Dissolved	Water	6020A	621067

Analysis Batch: 621246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Dissolved	Water	6020A	621014
480-196532-2	DUPLICATE DMP #1	Dissolved	Water	6020A	621014
480-196532-3	MP-228R	Dissolved	Water	6020A	621014
480-196532-4	MP-230A	Dissolved	Water	6020A	621014
480-196532-5	MP-233R	Dissolved	Water	6020A	621014
480-196532-6	MP-211BR	Dissolved	Water	6020A	621014
480-196532-7	MP-280A	Dissolved	Water	6020A	621014
480-196532-8	MP-405A	Dissolved	Water	6020A	621014
480-196532-9	DUPLICATE DMP #3	Dissolved	Water	6020A	621014
480-196532-10	MP-213A	Dissolved	Water	6020A	621014
480-196532-11	MP-279	Dissolved	Water	6020A	621014
480-196532-12	MP-251A	Dissolved	Water	6020A	621014
480-196532-13	MP-286C	Dissolved	Water	6020A	621014
480-196532-14	MP-274	Dissolved	Water	6020A	621014
480-196532-15	MP-274A	Dissolved	Water	6020A	621014
480-196532-16	MP-281C	Dissolved	Water	6020A	621014
480-196532-17	MP-409	Dissolved	Water	6020A	621014
MB 480-621014/1-A	Method Blank	Total/NA	Water	6020A	621014
LCS 480-621014/2-A	Lab Control Sample	Total/NA	Water	6020A	621014
480-196532-1 MS	MP-228AR	Dissolved	Water	6020A	621014
480-196532-1 MSD	MP-228AR	Dissolved	Water	6020A	621014

Analysis Batch: 621354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-11	MP-279	Dissolved	Water	6020A	621014

Prep Batch: 621357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Dissolved	Water	7470A	
480-196601-2	MP-234R	Dissolved	Water	7470A	

Metals (Continued)

Prep Batch: 621357 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-3	MP-234AR	Dissolved	Water	7470A	
480-196601-4	MP-241R	Dissolved	Water	7470A	
480-196601-5	MP-237	Dissolved	Water	7470A	
480-196601-6	MP-233AR	Dissolved	Water	7470A	
480-196601-7	MP-404	Dissolved	Water	7470A	
480-196601-8	MP-404A	Dissolved	Water	7470A	
480-196601-9	MP-403A	Dissolved	Water	7470A	
480-196601-10	MP-214BR	Dissolved	Water	7470A	
480-196601-11	MP-406C	Dissolved	Water	7470A	
480-196601-12	DUPLICATE-DMP #2	Dissolved	Water	7470A	
MB 480-621357/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-621357/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 621359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-13	MP-281	Dissolved	Water	7470A	
480-196601-14	MP-235BR	Dissolved	Water	7470A	
480-196601-15	MP-235CR	Dissolved	Water	7470A	
480-196601-16	MP-235R	Dissolved	Water	7470A	
480-196601-17	MP-238R	Dissolved	Water	7470A	
480-196601-18	MP-401A	Dissolved	Water	7470A	
480-196601-19	MP-401B	Dissolved	Water	7470A	
480-196601-20	MP-408	Dissolved	Water	7470A	
480-196601-21	MP-280	Dissolved	Water	7470A	
480-196601-22	MP-210AR	Dissolved	Water	7470A	
480-196601-23	MP-206AR	Dissolved	Water	7470A	
480-196601-24	FIELD BLANK DMP	Dissolved	Water	7470A	
480-196601-25	MP-277A	Dissolved	Water	7470A	
480-196601-26	MP-231AR	Dissolved	Water	7470A	
480-196601-27	MP-250A	Dissolved	Water	7470A	
480-196601-28	MP-250	Dissolved	Water	7470A	
480-196601-29	MP-244R	Dissolved	Water	7470A	
480-196601-30	MP-244ARR	Dissolved	Water	7470A	
480-196601-31	MP-407	Dissolved	Water	7470A	
480-196601-32	MP-232A	Dissolved	Water	7470A	
MB 480-621359/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-621359/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-196601-13 MS	MP-281	Dissolved	Water	7470A	
480-196601-13 MSD	MP-281	Dissolved	Water	7470A	

Analysis Batch: 621467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Dissolved	Water	7470A	621357
480-196601-2	MP-234R	Dissolved	Water	7470A	621357
480-196601-3	MP-234AR	Dissolved	Water	7470A	621357
480-196601-4	MP-241R	Dissolved	Water	7470A	621357
480-196601-5	MP-237	Dissolved	Water	7470A	621357
480-196601-6	MP-233AR	Dissolved	Water	7470A	621357
480-196601-7	MP-404	Dissolved	Water	7470A	621357
480-196601-8	MP-404A	Dissolved	Water	7470A	621357
480-196601-9	MP-403A	Dissolved	Water	7470A	621357

Metals (Continued)

Analysis Batch: 621467 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-10	MP-214BR	Dissolved	Water	7470A	621357
480-196601-11	MP-406C	Dissolved	Water	7470A	621357
480-196601-12	DUPLICATE-DMP #2	Dissolved	Water	7470A	621357
480-196601-13	MP-281	Dissolved	Water	7470A	621359
480-196601-14	MP-235BR	Dissolved	Water	7470A	621359
480-196601-15	MP-235CR	Dissolved	Water	7470A	621359
480-196601-16	MP-235R	Dissolved	Water	7470A	621359
480-196601-17	MP-238R	Dissolved	Water	7470A	621359
480-196601-18	MP-401A	Dissolved	Water	7470A	621359
480-196601-19	MP-401B	Dissolved	Water	7470A	621359
480-196601-20	MP-408	Dissolved	Water	7470A	621359
480-196601-21	MP-280	Dissolved	Water	7470A	621359
480-196601-22	MP-210AR	Dissolved	Water	7470A	621359
480-196601-23	MP-206AR	Dissolved	Water	7470A	621359
480-196601-24	FIELD BLANK DMP	Dissolved	Water	7470A	621359
480-196601-25	MP-277A	Dissolved	Water	7470A	621359
480-196601-26	MP-231AR	Dissolved	Water	7470A	621359
480-196601-27	MP-250A	Dissolved	Water	7470A	621359
480-196601-28	MP-250	Dissolved	Water	7470A	621359
480-196601-29	MP-244R	Dissolved	Water	7470A	621359
480-196601-30	MP-244ARR	Dissolved	Water	7470A	621359
480-196601-31	MP-407	Dissolved	Water	7470A	621359
480-196601-32	MP-232A	Dissolved	Water	7470A	621359
MB 480-621357/1-A	Method Blank	Total/NA	Water	7470A	621357
MB 480-621359/1-A	Method Blank	Total/NA	Water	7470A	621359
LCS 480-621357/2-A	Lab Control Sample	Total/NA	Water	7470A	621357
LCS 480-621359/2-A	Lab Control Sample	Total/NA	Water	7470A	621359
480-196601-13 MS	MP-281	Dissolved	Water	7470A	621359
480-196601-13 MSD	MP-281	Dissolved	Water	7470A	621359

Prep Batch: 621510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Dissolved	Water	7470A	
480-196532-2	DUPLICATE DMP #1	Dissolved	Water	7470A	
480-196532-3	MP-228R	Dissolved	Water	7470A	
480-196532-4	MP-230A	Dissolved	Water	7470A	
480-196532-5	MP-233R	Dissolved	Water	7470A	
480-196532-6	MP-211BR	Dissolved	Water	7470A	
480-196532-7	MP-280A	Dissolved	Water	7470A	
480-196532-8	MP-405A	Dissolved	Water	7470A	
480-196532-9	DUPLICATE DMP #3	Dissolved	Water	7470A	
480-196532-10	MP-213A	Dissolved	Water	7470A	
480-196532-11	MP-279	Dissolved	Water	7470A	
480-196532-12	MP-251A	Dissolved	Water	7470A	
480-196532-13	MP-286C	Dissolved	Water	7470A	
480-196532-14	MP-274	Dissolved	Water	7470A	
480-196532-15	MP-274A	Dissolved	Water	7470A	
480-196532-16	MP-281C	Dissolved	Water	7470A	
480-196532-17	MP-409	Dissolved	Water	7470A	
MB 480-621510/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-621510/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 621510 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-3 MS	MP-228R	Dissolved	Water	7470A	
480-196532-3 MSD	MP-228R	Dissolved	Water	7470A	

Analysis Batch: 621624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Dissolved	Water	7470A	621510
480-196532-2	DUPLICATE DMP #1	Dissolved	Water	7470A	621510
480-196532-3	MP-228R	Dissolved	Water	7470A	621510
480-196532-4	MP-230A	Dissolved	Water	7470A	621510
480-196532-5	MP-233R	Dissolved	Water	7470A	621510
480-196532-6	MP-211BR	Dissolved	Water	7470A	621510
480-196532-7	MP-280A	Dissolved	Water	7470A	621510
480-196532-8	MP-405A	Dissolved	Water	7470A	621510
480-196532-9	DUPLICATE DMP #3	Dissolved	Water	7470A	621510
480-196532-10	MP-213A	Dissolved	Water	7470A	621510
480-196532-11	MP-279	Dissolved	Water	7470A	621510
480-196532-12	MP-251A	Dissolved	Water	7470A	621510
480-196532-13	MP-286C	Dissolved	Water	7470A	621510
480-196532-14	MP-274	Dissolved	Water	7470A	621510
480-196532-15	MP-274A	Dissolved	Water	7470A	621510
480-196532-16	MP-281C	Dissolved	Water	7470A	621510
480-196532-17	MP-409	Dissolved	Water	7470A	621510
MB 480-621510/1-A	Method Blank	Total/NA	Water	7470A	621510
LCS 480-621510/2-A	Lab Control Sample	Total/NA	Water	7470A	621510
480-196532-3 MS	MP-228R	Dissolved	Water	7470A	621510
480-196532-3 MSD	MP-228R	Dissolved	Water	7470A	621510

Analysis Batch: 621903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Dissolved	Water	6010C	621071
480-196601-2	MP-234R	Dissolved	Water	6010C	621071
480-196601-4	MP-241R	Dissolved	Water	6010C	621071
480-196601-5	MP-237	Dissolved	Water	6010C	621071
480-196601-6	MP-233AR	Dissolved	Water	6010C	621071
480-196601-7	MP-404	Dissolved	Water	6010C	621071
480-196601-8	MP-404A	Dissolved	Water	6010C	621071
480-196601-9	MP-403A	Dissolved	Water	6010C	621071
480-196601-11	MP-406C	Dissolved	Water	6010C	621071
480-196601-12	DUPLICATE-DMP #2	Dissolved	Water	6010C	621071
480-196601-13	MP-281	Dissolved	Water	6010C	621071
480-196601-14	MP-235BR	Dissolved	Water	6010C	621071
480-196601-15	MP-235CR	Dissolved	Water	6010C	621071
480-196601-16	MP-235R	Dissolved	Water	6010C	621071
480-196601-17	MP-238R	Dissolved	Water	6010C	621071
480-196601-18	MP-401A	Dissolved	Water	6010C	621071
480-196601-19	MP-401B	Dissolved	Water	6010C	621071
480-196601-20	MP-408	Dissolved	Water	6010C	621071
MB 480-621071/1-A	Method Blank	Total Recoverable	Water	6010C	621071
LCS 480-621071/2-A	Lab Control Sample	Total Recoverable	Water	6010C	621071
480-196601-13 MS	MP-281	Dissolved	Water	6010C	621071
480-196601-13 MSD	MP-281	Dissolved	Water	6010C	621071

QC Association Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Metals

Analysis Batch: 621904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Dissolved	Water	6010C	621019
480-196532-2	DUPLICATE DMP #1	Dissolved	Water	6010C	621019
480-196532-3	MP-228R	Dissolved	Water	6010C	621019
480-196532-4	MP-230A	Dissolved	Water	6010C	621019
480-196532-5	MP-233R	Dissolved	Water	6010C	621019
480-196532-6	MP-211BR	Dissolved	Water	6010C	621019
480-196532-7	MP-280A	Dissolved	Water	6010C	621019
480-196532-8	MP-405A	Dissolved	Water	6010C	621019
480-196532-9	DUPLICATE DMP #3	Dissolved	Water	6010C	621019
480-196532-10	MP-213A	Dissolved	Water	6010C	621019
480-196532-11	MP-279	Dissolved	Water	6010C	621019
480-196532-12	MP-251A	Dissolved	Water	6010C	621019
480-196532-13	MP-286C	Dissolved	Water	6010C	621019
480-196532-14	MP-274	Dissolved	Water	6010C	621019
480-196532-15	MP-274A	Dissolved	Water	6010C	621019
480-196532-16	MP-281C	Dissolved	Water	6010C	621019
480-196532-17	MP-409	Dissolved	Water	6010C	621019
MB 480-621019/1-A	Method Blank	Total Recoverable	Water	6010C	621019
LCS 480-621019/2-A	Lab Control Sample	Total Recoverable	Water	6010C	621019
480-196532-2 MS	DUPLICATE DMP #1	Dissolved	Water	6010C	621019
480-196532-2 MSD	DUPLICATE DMP #1	Dissolved	Water	6010C	621019

Analysis Batch: 622082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-21	MP-280	Dissolved	Water	6010C	621072
480-196601-22	MP-210AR	Dissolved	Water	6010C	621072
480-196601-23	MP-206AR	Dissolved	Water	6010C	621072
480-196601-24	FIELD BLANK DMP	Dissolved	Water	6010C	621072
480-196601-25	MP-277A	Dissolved	Water	6010C	621072
480-196601-26	MP-231AR	Dissolved	Water	6010C	621072
480-196601-27	MP-250A	Dissolved	Water	6010C	621072
480-196601-28	MP-250	Dissolved	Water	6010C	621072
480-196601-29	MP-244R	Dissolved	Water	6010C	621072
480-196601-30	MP-244ARR	Dissolved	Water	6010C	621072
480-196601-31	MP-407	Dissolved	Water	6010C	621072
480-196601-32	MP-232A	Dissolved	Water	6010C	621072
MB 480-621072/1-A	Method Blank	Total Recoverable	Water	6010C	621072
LCS 480-621072/2-A	Lab Control Sample	Total Recoverable	Water	6010C	621072
480-196601-22 MS	MP-210AR	Dissolved	Water	6010C	621072
480-196601-22 MSD	MP-210AR	Dissolved	Water	6010C	621072

Prep Batch: 623213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-3	MP-234AR	Dissolved	Water	3005A	
480-196601-10	MP-214BR	Dissolved	Water	3005A	
MB 480-623213/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 480-623213/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
480-196601-3 MS	MP-234AR	Dissolved	Water	3005A	
480-196601-3 MSD	MP-234AR	Dissolved	Water	3005A	

QC Association Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Metals

Analysis Batch: 623479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-3	MP-234AR	Dissolved	Water	6010C	623213
480-196601-10	MP-214BR	Dissolved	Water	6010C	623213
MB 480-623213/1-A	Method Blank	Total Recoverable	Water	6010C	623213
LCS 480-623213/2-A	Lab Control Sample	Total Recoverable	Water	6010C	623213
480-196601-3 MS	MP-234AR	Dissolved	Water	6010C	623213
480-196601-3 MSD	MP-234AR	Dissolved	Water	6010C	623213

General Chemistry

Analysis Batch: 621712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Total/NA	Water	9060A	
480-196532-2	DUPLICATE DMP #1	Total/NA	Water	9060A	
480-196532-3	MP-228R	Total/NA	Water	9060A	
480-196532-4	MP-230A	Total/NA	Water	9060A	
480-196532-5	MP-233R	Total/NA	Water	9060A	
480-196532-6	MP-211BR	Total/NA	Water	9060A	
480-196532-7	MP-280A	Total/NA	Water	9060A	
480-196532-8	MP-405A	Total/NA	Water	9060A	
480-196532-9	DUPLICATE DMP #3	Total/NA	Water	9060A	
480-196532-10	MP-213A	Total/NA	Water	9060A	
480-196532-11	MP-279	Total/NA	Water	9060A	
480-196532-12	MP-251A	Total/NA	Water	9060A	
480-196532-13	MP-286C	Total/NA	Water	9060A	
480-196532-14	MP-274	Total/NA	Water	9060A	
480-196532-15	MP-274A	Total/NA	Water	9060A	
480-196532-16	MP-281C	Total/NA	Water	9060A	
480-196532-17	MP-409	Total/NA	Water	9060A	
MB 480-621712/52	Method Blank	Total/NA	Water	9060A	
MB 480-621712/76	Method Blank	Total/NA	Water	9060A	
LCS 480-621712/53	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-621712/77	Lab Control Sample	Total/NA	Water	9060A	
480-196532-4 MS	MP-230A	Total/NA	Water	9060A	
480-196532-12 MS	MP-251A	Total/NA	Water	9060A	
480-196532-5 DU	MP-233R	Total/NA	Water	9060A	
480-196532-13 DU	MP-286C	Total/NA	Water	9060A	

Analysis Batch: 621915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-2	MP-234R	Total/NA	Water	9060A	
480-196601-3	MP-234AR	Total/NA	Water	9060A	
480-196601-4	MP-241R	Total/NA	Water	9060A	
480-196601-6	MP-233AR	Total/NA	Water	9060A	
480-196601-7	MP-404	Total/NA	Water	9060A	
480-196601-8	MP-404A	Total/NA	Water	9060A	
480-196601-10	MP-214BR	Total/NA	Water	9060A	
480-196601-11	MP-406C	Total/NA	Water	9060A	
480-196601-12	DUPLICATE-DMP #2	Total/NA	Water	9060A	
480-196601-13	MP-281	Total/NA	Water	9060A	
480-196601-14	MP-235BR	Total/NA	Water	9060A	
480-196601-15	MP-235CR	Total/NA	Water	9060A	

General Chemistry (Continued)

Analysis Batch: 621915 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-17	MP-238R	Total/NA	Water	9060A	
480-196601-18	MP-401A	Total/NA	Water	9060A	
480-196601-19	MP-401B	Total/NA	Water	9060A	
480-196601-20	MP-408	Total/NA	Water	9060A	
480-196601-21	MP-280	Total/NA	Water	9060A	
480-196601-22	MP-210AR	Total/NA	Water	9060A	
480-196601-23	MP-206AR	Total/NA	Water	9060A	
480-196601-24	FIELD BLANK DMP	Total/NA	Water	9060A	
480-196601-25	MP-277A	Total/NA	Water	9060A	
480-196601-26	MP-231AR	Total/NA	Water	9060A	
480-196601-27	MP-250A	Total/NA	Water	9060A	
480-196601-28	MP-250	Total/NA	Water	9060A	
480-196601-29	MP-244R	Total/NA	Water	9060A	
480-196601-30	MP-244ARR	Total/NA	Water	9060A	
480-196601-31	MP-407	Total/NA	Water	9060A	
480-196601-32	MP-232A	Total/NA	Water	9060A	
MB 480-621915/33	Method Blank	Total/NA	Water	9060A	
MB 480-621915/57	Method Blank	Total/NA	Water	9060A	
MB 480-621915/9	Method Blank	Total/NA	Water	9060A	
LCS 480-621915/10	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-621915/34	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-621915/58	Lab Control Sample	Total/NA	Water	9060A	
480-196601-6 MS	MP-233AR	Total/NA	Water	9060A	
480-196601-13 MS	MP-281	Total/NA	Water	9060A	
480-196601-13 MSD	MP-281	Total/NA	Water	9060A	
480-196601-21 MS	MP-280	Total/NA	Water	9060A	
480-196601-28 MS	MP-250	Total/NA	Water	9060A	
480-196601-7 DU	MP-404	Total/NA	Water	9060A	
480-196601-22 DU	MP-210AR	Total/NA	Water	9060A	
480-196601-29 DU	MP-244R	Total/NA	Water	9060A	

Analysis Batch: 622059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Total/NA	Water	9060A	
480-196601-5	MP-237	Total/NA	Water	9060A	
480-196601-9	MP-403A	Total/NA	Water	9060A	
480-196601-16	MP-235R	Total/NA	Water	9060A	
MB 480-622059/4	Method Blank	Total/NA	Water	9060A	
LCS 480-622059/5	Lab Control Sample	Total/NA	Water	9060A	
480-196601-1 DU	MP-402A	Total/NA	Water	9060A	

Field Service / Mobile Lab

Analysis Batch: 621300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-1	MP-228AR	Total/NA	Water	Field Sampling	
480-196532-2	DUPLICATE DMP #1	Total/NA	Water	Field Sampling	
480-196532-3	MP-228R	Total/NA	Water	Field Sampling	
480-196532-4	MP-230A	Total/NA	Water	Field Sampling	
480-196532-5	MP-233R	Total/NA	Water	Field Sampling	
480-196532-6	MP-211BR	Total/NA	Water	Field Sampling	

Field Service / Mobile Lab (Continued)

Analysis Batch: 621300 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196532-7	MP-280A	Total/NA	Water	Field Sampling	
480-196532-8	MP-405A	Total/NA	Water	Field Sampling	
480-196532-9	DUPLICATE DMP #3	Total/NA	Water	Field Sampling	
480-196532-10	MP-213A	Total/NA	Water	Field Sampling	
480-196532-11	MP-279	Total/NA	Water	Field Sampling	
480-196532-12	MP-251A	Total/NA	Water	Field Sampling	
480-196532-13	MP-286C	Total/NA	Water	Field Sampling	
480-196532-14	MP-274	Total/NA	Water	Field Sampling	
480-196532-15	MP-274A	Total/NA	Water	Field Sampling	
480-196532-16	MP-281C	Total/NA	Water	Field Sampling	
480-196532-17	MP-409	Total/NA	Water	Field Sampling	

Analysis Batch: 621469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-196601-1	MP-402A	Total/NA	Water	Field Sampling	
480-196601-2	MP-234R	Total/NA	Water	Field Sampling	
480-196601-3	MP-234AR	Total/NA	Water	Field Sampling	
480-196601-4	MP-241R	Total/NA	Water	Field Sampling	
480-196601-5	MP-237	Total/NA	Water	Field Sampling	
480-196601-6	MP-233AR	Total/NA	Water	Field Sampling	
480-196601-7	MP-404	Total/NA	Water	Field Sampling	
480-196601-8	MP-404A	Total/NA	Water	Field Sampling	
480-196601-9	MP-403A	Total/NA	Water	Field Sampling	
480-196601-10	MP-214BR	Total/NA	Water	Field Sampling	
480-196601-11	MP-406C	Total/NA	Water	Field Sampling	
480-196601-12	DUPLICATE-DMP #2	Total/NA	Water	Field Sampling	
480-196601-13	MP-281	Total/NA	Water	Field Sampling	
480-196601-14	MP-235BR	Total/NA	Water	Field Sampling	
480-196601-15	MP-235CR	Total/NA	Water	Field Sampling	
480-196601-16	MP-235R	Total/NA	Water	Field Sampling	
480-196601-17	MP-238R	Total/NA	Water	Field Sampling	
480-196601-18	MP-401A	Total/NA	Water	Field Sampling	
480-196601-19	MP-401B	Total/NA	Water	Field Sampling	
480-196601-20	MP-408	Total/NA	Water	Field Sampling	
480-196601-21	MP-280	Total/NA	Water	Field Sampling	
480-196601-22	MP-210AR	Total/NA	Water	Field Sampling	
480-196601-23	MP-206AR	Total/NA	Water	Field Sampling	
480-196601-24	FIELD BLANK DMP	Total/NA	Water	Field Sampling	
480-196601-25	MP-277A	Total/NA	Water	Field Sampling	
480-196601-26	MP-231AR	Total/NA	Water	Field Sampling	
480-196601-27	MP-250A	Total/NA	Water	Field Sampling	
480-196601-28	MP-250	Total/NA	Water	Field Sampling	
480-196601-29	MP-244R	Total/NA	Water	Field Sampling	
480-196601-30	MP-244ARR	Total/NA	Water	Field Sampling	
480-196601-31	MP-407	Total/NA	Water	Field Sampling	
480-196601-32	MP-232A	Total/NA	Water	Field Sampling	
480-196601-13 MS	MP-281	Total/NA	Water	Field Sampling	
480-196601-13 MSD	MP-281	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-228AR

Lab Sample ID: 480-196532-1
Matrix: Water

Date Collected: 04/06/22 08:29
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 13:15	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 02:10	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/11/22 22:01	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/14/22 23:35	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:13	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 13:50	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/23/22 14:40	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 08:29	FLD	TAL BUF

Client Sample ID: DUPLICATE DMP #1

Lab Sample ID: 480-196532-2
Matrix: Water

Date Collected: 04/06/22 08:29
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 13:38	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 02:30	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/11/22 22:14	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/14/22 23:39	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:26	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 13:51	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/23/22 15:07	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 08:29	FLD	TAL BUF

Client Sample ID: MP-228R

Lab Sample ID: 480-196532-3
Matrix: Water

Date Collected: 04/06/22 09:28
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 14:01	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 02:50	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/11/22 22:27	DSC	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-228R
Date Collected: 04/06/22 09:28
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:08	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:36	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 13:52	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/23/22 15:35	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 09:28	FLD	TAL BUF

Client Sample ID: MP-230A
Date Collected: 04/06/22 10:37
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 14:24	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 03:09	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/11/22 22:41	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:12	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:39	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 13:57	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/23/22 17:28	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 10:37	FLD	TAL BUF

Client Sample ID: MP-233R
Date Collected: 04/06/22 11:36
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 14:48	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 03:49	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/11/22 22:54	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:15	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:41	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:01	BMB	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-233R
Date Collected: 04/06/22 11:36
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	621712	04/23/22 18:24	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 11:36	FLD	TAL BUF

Client Sample ID: MP-211BR
Date Collected: 04/06/22 12:32
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 15:10	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 04:09	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/11/22 23:07	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:19	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:44	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:03	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/23/22 18:52	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 12:32	FLD	TAL BUF

Client Sample ID: MP-280A
Date Collected: 04/06/22 09:27
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 15:34	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 04:29	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/11/22 23:20	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:23	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:46	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:04	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/23/22 19:19	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 09:27	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-405A

Lab Sample ID: 480-196532-8
Date Collected: 04/06/22 08:26
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 15:57	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 04:49	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/11/22 23:34	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:27	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:49	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:05	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/23/22 19:47	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 08:26	FLD	TAL BUF

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-196532-9
Date Collected: 04/06/22 09:27
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 16:20	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 05:09	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/11/22 23:47	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:30	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:52	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:06	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/23/22 20:15	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 09:27	FLD	TAL BUF

Client Sample ID: MP-213A

Lab Sample ID: 480-196532-10
Date Collected: 04/06/22 10:26
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 16:43	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 05:29	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/12/22 00:00	DSC	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-213A
Date Collected: 04/06/22 10:26
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:34	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:54	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:08	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/23/22 20:42	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 10:26	FLD	TAL BUF

Client Sample ID: MP-279
Date Collected: 04/06/22 11:22
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 17:06	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 06:13	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/12/22 00:14	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:49	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:57	BMB	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		5	621354	04/11/22 19:10	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:09	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/23/22 21:10	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 11:22	FLD	TAL BUF

Client Sample ID: MP-251A
Date Collected: 04/06/22 12:33
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 17:29	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 06:33	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/12/22 00:27	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:53	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 12:59	BMB	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-251A
Date Collected: 04/06/22 12:33
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:10	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/24/22 00:00	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 12:33	FLD	TAL BUF

Client Sample ID: MP-286C
Date Collected: 04/06/22 08:56
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 17:52	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 06:53	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/12/22 01:07	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 00:57	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 13:09	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:12	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/24/22 00:56	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 08:56	FLD	TAL BUF

Client Sample ID: MP-274
Date Collected: 04/06/22 09:58
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196532-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 18:15	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 07:13	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/12/22 01:20	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 01:01	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 13:12	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:13	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/24/22 01:24	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 09:58	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-274A

Lab Sample ID: 480-196532-15
Date Collected: 04/06/22 10:54
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 18:38	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 07:52	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/12/22 01:33	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 01:04	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 13:14	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:17	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/24/22 01:52	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 10:54	FLD	TAL BUF

Client Sample ID: MP-281C

Lab Sample ID: 480-196532-16
Date Collected: 04/06/22 11:44
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 19:01	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 09:03	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/12/22 01:47	DSC	TAL BUF
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 01:08	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 13:17	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:18	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/24/22 02:20	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 11:44	FLD	TAL BUF

Client Sample ID: MP-409

Lab Sample ID: 480-196532-17
Date Collected: 04/06/22 12:27
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621058	04/09/22 19:24	CRL	TAL BUF
Total/NA	Prep	8011			621468	04/12/22 17:31	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 09:30	DSC	TAL BUF
Total/NA	Prep	3510C			620937	04/08/22 08:58	JMP	TAL BUF
Total/NA	Analysis	8082A		1	621258	04/12/22 02:00	DSC	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-409

Lab Sample ID: 480-196532-17
Date Collected: 04/06/22 12:27
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			621019	04/11/22 14:03	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621904	04/15/22 01:12	LMH	TAL BUF
Dissolved	Prep	3020A			621014	04/09/22 10:44	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621246	04/11/22 13:19	BMB	TAL BUF
Dissolved	Prep	7470A			621510	04/13/22 11:04	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621624	04/13/22 14:20	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621712	04/24/22 02:48	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621300	04/06/22 12:27	FLD	TAL BUF

Client Sample ID: MP-402A

Lab Sample ID: 480-196601-1
Date Collected: 04/04/22 13:46
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 06:13	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 22:37	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 20:16	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 21:26	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:04	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:43	BMB	TAL BUF
Total/NA	Analysis	9060A		1	622059	04/15/22 21:56	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/04/22 13:46	FLD	TAL BUF

Client Sample ID: MP-234R

Lab Sample ID: 480-196601-2
Date Collected: 04/04/22 14:42
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 06:36	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 22:57	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 20:29	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 21:30	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:14	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:44	BMB	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-234R
Date Collected: 04/04/22 14:42
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	621915	04/13/22 20:44	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/04/22 14:42	FLD	TAL BUF

Client Sample ID: MP-234AR
Date Collected: 04/04/22 15:30
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 07:00	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 23:17	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 20:41	DSC	TAL BUF
Dissolved	Prep	3005A			623213	04/26/22 12:52	NBS	TAL BUF
Dissolved	Analysis	6010C		1	623479	04/27/22 13:46	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:17	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:45	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/13/22 21:13	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/04/22 15:30	FLD	TAL BUF

Client Sample ID: MP-241R
Date Collected: 04/04/22 16:25
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 07:23	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 23:37	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 20:54	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 21:37	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:20	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:47	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/13/22 21:41	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/04/22 16:25	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-237

Lab Sample ID: 480-196601-5
Date Collected: 04/04/22 17:41
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 07:46	CRL	TAL BUF
Total/NA	Prep	8011			621248	04/11/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/11/22 23:57	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 21:07	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 21:52	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:22	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:48	BMB	TAL BUF
Total/NA	Analysis	9060A		1	622059	04/15/22 23:48	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/04/22 17:41	FLD	TAL BUF

Client Sample ID: MP-233AR

Lab Sample ID: 480-196601-6
Date Collected: 04/05/22 11:40
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 08:09	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 03:36	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 21:20	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 21:56	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:25	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:49	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 00:06	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 11:40	FLD	TAL BUF

Client Sample ID: MP-404

Lab Sample ID: 480-196601-7
Date Collected: 04/05/22 12:17
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 08:32	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 03:56	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 21:33	DSC	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-404
Date Collected: 04/05/22 12:17
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 21:59	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:27	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:50	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 01:05	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 12:17	FLD	TAL BUF

Client Sample ID: MP-404A
Date Collected: 04/05/22 12:53
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 08:56	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 04:16	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 21:46	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 22:03	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:30	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:54	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 01:33	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 12:53	FLD	TAL BUF

Client Sample ID: MP-403A
Date Collected: 04/05/22 13:29
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 09:19	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 06:29	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 21:58	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 22:07	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:32	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:56	BMB	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-403A
Date Collected: 04/05/22 13:29
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	622059	04/16/22 00:17	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 13:29	FLD	TAL BUF

Client Sample ID: MP-214BR
Date Collected: 04/05/22 14:04
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 09:42	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 06:49	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 22:11	DSC	TAL BUF
Dissolved	Prep	3005A			623213	04/26/22 12:52	NBS	TAL BUF
Dissolved	Analysis	6010C		1	623479	04/27/22 14:06	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:35	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:57	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 02:32	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 14:04	FLD	TAL BUF

Client Sample ID: MP-406C
Date Collected: 04/05/22 08:34
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 10:06	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 07:29	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 22:24	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 22:14	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:37	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 14:58	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 03:01	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 08:34	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: DUPLICATE-DMP #2

Lab Sample ID: 480-196601-12
Date Collected: 04/05/22 08:34
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 10:29	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 07:48	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 22:37	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 22:18	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:48	BMB	TAL BUF
Dissolved	Prep	7470A			621357	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:00	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 03:29	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 08:34	FLD	TAL BUF

Client Sample ID: MP-281

Lab Sample ID: 480-196601-13
Date Collected: 04/05/22 09:51
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 10:52	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 08:08	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 20:03	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 22:22	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 18:50	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:03	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/13/22 19:45	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 09:51	FLD	TAL BUF

Client Sample ID: MP-235BR

Lab Sample ID: 480-196601-14
Date Collected: 04/05/22 09:59
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 11:16	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 09:08	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 22:50	DSC	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-235BR
Date Collected: 04/05/22 09:59
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 22:51	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 19:03	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:13	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 03:58	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 09:59	FLD	TAL BUF

Client Sample ID: MP-235CR
Date Collected: 04/05/22 09:20
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 11:39	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 09:28	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 23:03	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 22:55	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 19:06	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:14	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 07:51	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 09:20	FLD	TAL BUF

Client Sample ID: MP-235R
Date Collected: 04/05/22 08:40
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 12:03	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 09:48	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 23:15	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 22:59	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 19:08	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:15	BMB	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-235R
Date Collected: 04/05/22 08:40
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	622059	04/16/22 01:43	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 08:40	FLD	TAL BUF

Client Sample ID: MP-238R
Date Collected: 04/05/22 11:05
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 12:26	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 10:08	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/14/22 23:54	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 23:02	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 19:11	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:17	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 08:49	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 11:05	FLD	TAL BUF

Client Sample ID: MP-401A
Date Collected: 04/05/22 09:40
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 12:50	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 10:28	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 00:07	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 23:06	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 19:21	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:18	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 09:18	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 09:40	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-401B

Lab Sample ID: 480-196601-19
Date Collected: 04/05/22 10:16
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 13:42	CR	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 11:07	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 00:20	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 23:21	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 19:24	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:19	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 09:46	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 10:16	FLD	TAL BUF

Client Sample ID: MP-408

Lab Sample ID: 480-196601-20
Date Collected: 04/05/22 16:16
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 13:13	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 11:27	DSC	TAL BUF
Total/NA	Prep	3510C			621590	04/13/22 14:58	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621824	04/15/22 00:32	DSC	TAL BUF
Dissolved	Prep	3005A			621071	04/11/22 09:27	NBS	TAL BUF
Dissolved	Analysis	6010C		1	621903	04/14/22 23:24	LMH	TAL BUF
Dissolved	Prep	3020A			621067	04/09/22 09:50	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621174	04/10/22 19:26	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:20	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 13:09	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 16:16	FLD	TAL BUF

Client Sample ID: MP-280

Lab Sample ID: 480-196601-21
Date Collected: 04/05/22 17:21
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621105	04/10/22 13:36	CRL	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 11:47	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 19:27	DSC	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-280

Lab Sample ID: 480-196601-21
Date Collected: 04/05/22 17:21
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 15:43	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 16:42	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:22	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 11:42	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 17:21	FLD	TAL BUF

Client Sample ID: MP-210AR

Lab Sample ID: 480-196601-22
Date Collected: 04/05/22 14:52
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 14:04	CR	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 12:07	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 19:40	DSC	TAL BUF
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 15:47	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 16:55	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:23	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 12:39	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 14:52	FLD	TAL BUF

Client Sample ID: MP-206AR

Lab Sample ID: 480-196601-23
Date Collected: 04/05/22 15:47
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 14:27	CR	TAL BUF
Total/NA	Prep	8011			621284	04/11/22 16:42	DSC	TAL BUF
Total/NA	Analysis	8011		1	621256	04/12/22 12:27	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 19:54	DSC	TAL BUF
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 16:05	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 16:58	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:27	BMB	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-206AR

Lab Sample ID: 480-196601-23
Date Collected: 04/05/22 15:47
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	621915	04/14/22 13:38	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 15:47	FLD	TAL BUF

Client Sample ID: FIELD BLANK DMP

Lab Sample ID: 480-196601-24
Date Collected: 04/05/22 16:20
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 14:50	CR	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 21:31	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 20:07	DSC	TAL BUF
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 16:09	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 17:08	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:28	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 14:07	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 16:20	FLD	TAL BUF

Client Sample ID: MP-277A

Lab Sample ID: 480-196601-25
Date Collected: 04/05/22 16:48
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 15:13	CR	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 21:51	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 20:20	DSC	TAL BUF
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 16:23	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 17:11	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:30	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 14:35	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 16:48	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-231AR

Lab Sample ID: 480-196601-26
Date Collected: 04/05/22 17:37
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 15:36	CR	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 22:11	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 20:34	DSC	TAL BUF
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 16:27	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 17:13	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:31	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 15:04	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 17:37	FLD	TAL BUF

Client Sample ID: MP-250A

Lab Sample ID: 480-196601-27
Date Collected: 04/05/22 13:04
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 15:58	CR	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 22:31	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 20:47	DSC	TAL BUF
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 16:31	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 17:16	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:32	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 15:32	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 13:04	FLD	TAL BUF

Client Sample ID: MP-250

Lab Sample ID: 480-196601-28
Date Collected: 04/05/22 13:48
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 16:21	CR	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 22:51	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 21:00	DSC	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-250

Lab Sample ID: 480-196601-28
Date Collected: 04/05/22 13:48
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 16:35	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 17:18	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:34	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 18:25	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 13:48	FLD	TAL BUF

Client Sample ID: MP-244R

Lab Sample ID: 480-196601-29
Date Collected: 04/05/22 14:46
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 16:44	CR	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 23:11	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 21:13	DSC	TAL BUF
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 16:39	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 17:21	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:35	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 19:22	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 14:46	FLD	TAL BUF

Client Sample ID: MP-244ARR

Lab Sample ID: 480-196601-30
Date Collected: 04/05/22 15:34
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 17:07	CR	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/12/22 23:31	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 21:27	DSC	TAL BUF
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 16:42	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 17:23	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:36	BMB	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: MP-244ARR

Lab Sample ID: 480-196601-30
Date Collected: 04/05/22 15:34
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	621915	04/14/22 19:51	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 15:34	FLD	TAL BUF

Client Sample ID: MP-407

Lab Sample ID: 480-196601-31
Date Collected: 04/05/22 16:34
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 17:30	CR	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 00:11	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 21:40	DSC	TAL BUF
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 16:46	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 17:26	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:37	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 20:20	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 16:34	FLD	TAL BUF

Client Sample ID: MP-232A

Lab Sample ID: 480-196601-32
Date Collected: 04/05/22 17:28
Matrix: Water
Date Received: 04/07/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 17:53	CR	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 00:30	DSC	TAL BUF
Total/NA	Prep	3510C			621599	04/13/22 15:13	CMC	TAL BUF
Total/NA	Analysis	8082A		1	621822	04/14/22 21:53	DSC	TAL BUF
Dissolved	Prep	3005A			621072	04/11/22 14:13	NBS	TAL BUF
Dissolved	Analysis	6010C		1	622082	04/15/22 16:50	LMH	TAL BUF
Dissolved	Prep	3020A			621068	04/09/22 09:53	NBS	TAL BUF
Dissolved	Analysis	6020A		1	621173	04/10/22 17:28	BMB	TAL BUF
Dissolved	Prep	7470A			621359	04/12/22 11:31	NVK	TAL BUF
Dissolved	Analysis	7470A		1	621467	04/12/22 15:39	BMB	TAL BUF
Total/NA	Analysis	9060A		1	621915	04/14/22 20:49	KER	TAL BUF
Total/NA	Analysis	Field Sampling		1	621469	04/05/22 17:28	FLD	TAL BUF

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Client Sample ID: TRIP BLANK

Date Collected: 04/05/22 00:00
Date Received: 04/07/22 10:00

Lab Sample ID: 480-196601-33

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	621350	04/12/22 18:16	CR	TAL BUF
Total/NA	Prep	8011			621412	04/12/22 14:14	DSC	TAL BUF
Total/NA	Analysis	8011		1	621434	04/13/22 00:50	DSC	TAL BUF

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-06-22
Connecticut	State	PH-0568	09-30-22
Florida	NELAP	E87672	06-30-22
Georgia	State	10026 (NY)	04-01-23
Georgia	State Program	N/A	03-31-09 *
Georgia (DW)	State	956	03-31-22 *
Illinois	NELAP	200003	09-30-22
Iowa	State	374	03-01-23
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-23
Kentucky (DW)	State	90029	12-31-22
Kentucky (UST)	State	30	04-01-22 *
Kentucky (WW)	State	KY90029	12-31-22
Louisiana	NELAP	02031	06-30-22
Maine	State	NY00044	12-04-22
Maryland	State	294	03-31-23
Massachusetts	State	M-NY044	06-30-22
Michigan	State	9937	04-01-22 *
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-22
New Jersey	NELAP	NY455	06-30-22
New York	NELAP	10026	03-31-23
Oregon	NELAP	NY200003	06-12-22
Pennsylvania	NELAP	68-00281	07-31-22
Rhode Island	State	LAO00328	12-30-22
Tennessee	State	02970	04-01-23
Texas	NELAP	T104704412-18-10	07-31-22
USDA	US Federal Programs	P330-18-00039	03-25-24
Virginia	NELAP	460185	09-14-22
Washington	State	C784	02-10-23
Wisconsin	State	998310390	08-31-22

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

Method Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8011	EDB and DBCP in Water by Microextraction	EPA	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
6020A	Metals (ICP/MS)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
9060A	Organic Carbon, Total (TOC)	SW846	TAL BUF
Field Sampling	Field Sampling	EPA	TAL BUF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL BUF
3020A	Preparation, Total Metals	SW846	TAL BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF
8011	Microextraction	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP Semiannual

Job ID: 480-196532-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-196532-1	MP-228AR	Water	04/06/22 08:29	04/07/22 10:00
480-196532-2	DUPLICATE DMP #1	Water	04/06/22 08:29	04/07/22 10:00
480-196532-3	MP-228R	Water	04/06/22 09:28	04/07/22 10:00
480-196532-4	MP-230A	Water	04/06/22 10:37	04/07/22 10:00
480-196532-5	MP-233R	Water	04/06/22 11:36	04/07/22 10:00
480-196532-6	MP-211BR	Water	04/06/22 12:32	04/07/22 10:00
480-196532-7	MP-280A	Water	04/06/22 09:27	04/07/22 10:00
480-196532-8	MP-405A	Water	04/06/22 08:26	04/07/22 10:00
480-196532-9	DUPLICATE DMP #3	Water	04/06/22 09:27	04/07/22 10:00
480-196532-10	MP-213A	Water	04/06/22 10:26	04/07/22 10:00
480-196532-11	MP-279	Water	04/06/22 11:22	04/07/22 10:00
480-196532-12	MP-251A	Water	04/06/22 12:33	04/07/22 10:00
480-196532-13	MP-286C	Water	04/06/22 08:56	04/07/22 10:00
480-196532-14	MP-274	Water	04/06/22 09:58	04/07/22 10:00
480-196532-15	MP-274A	Water	04/06/22 10:54	04/07/22 10:00
480-196532-16	MP-281C	Water	04/06/22 11:44	04/07/22 10:00
480-196532-17	MP-409	Water	04/06/22 12:27	04/07/22 10:00
480-196601-1	MP-402A	Water	04/04/22 13:46	04/07/22 10:00
480-196601-2	MP-234R	Water	04/04/22 14:42	04/07/22 10:00
480-196601-3	MP-234AR	Water	04/04/22 15:30	04/07/22 10:00
480-196601-4	MP-241R	Water	04/04/22 16:25	04/07/22 10:00
480-196601-5	MP-237	Water	04/04/22 17:41	04/07/22 10:00
480-196601-6	MP-233AR	Water	04/05/22 11:40	04/07/22 10:00
480-196601-7	MP-404	Water	04/05/22 12:17	04/07/22 10:00
480-196601-8	MP-404A	Water	04/05/22 12:53	04/07/22 10:00
480-196601-9	MP-403A	Water	04/05/22 13:29	04/07/22 10:00
480-196601-10	MP-214BR	Water	04/05/22 14:04	04/07/22 10:00
480-196601-11	MP-406C	Water	04/05/22 08:34	04/07/22 10:00
480-196601-12	DUPLICATE-DMP #2	Water	04/05/22 08:34	04/07/22 10:00
480-196601-13	MP-281	Water	04/05/22 09:51	04/07/22 10:00
480-196601-14	MP-235BR	Water	04/05/22 09:59	04/07/22 10:00
480-196601-15	MP-235CR	Water	04/05/22 09:20	04/07/22 10:00
480-196601-16	MP-235R	Water	04/05/22 08:40	04/07/22 10:00
480-196601-17	MP-238R	Water	04/05/22 11:05	04/07/22 10:00
480-196601-18	MP-401A	Water	04/05/22 09:40	04/07/22 10:00
480-196601-19	MP-401B	Water	04/05/22 10:16	04/07/22 10:00
480-196601-20	MP-408	Water	04/05/22 16:16	04/07/22 10:00
480-196601-21	MP-280	Water	04/05/22 17:21	04/07/22 10:00
480-196601-22	MP-210AR	Water	04/05/22 14:52	04/07/22 10:00
480-196601-23	MP-206AR	Water	04/05/22 15:47	04/07/22 10:00
480-196601-24	FIELD BLANK DMP	Water	04/05/22 16:20	04/07/22 10:00
480-196601-25	MP-277A	Water	04/05/22 16:48	04/07/22 10:00
480-196601-26	MP-231AR	Water	04/05/22 17:37	04/07/22 10:00
480-196601-27	MP-250A	Water	04/05/22 13:04	04/07/22 10:00
480-196601-28	MP-250	Water	04/05/22 13:48	04/07/22 10:00
480-196601-29	MP-244R	Water	04/05/22 14:46	04/07/22 10:00
480-196601-30	MP-244ARR	Water	04/05/22 15:34	04/07/22 10:00
480-196601-31	MP-407	Water	04/05/22 16:34	04/07/22 10:00
480-196601-32	MP-232A	Water	04/05/22 17:28	04/07/22 10:00
480-196601-33	TRIP BLANK	Water	04/05/22 00:00	04/07/22 10:00

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Columbus
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Chain of Custody Record

eurofins Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES | RCRA | Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAme

Client Contact
Eagon & Associates, Inc
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params.
Site: CECOS-Aber Rd
P O #

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☐ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below _____
2 weeks
1 week
2 days
1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer

Date: 4/6/22
Carrier: LVIN - CCCS

COC No
1 of 1 COCs
TALS Project #:
Sampler
For Lab Use Only:
Walk-in Client
Lab Sampling
Job / SDG No.
A. GRAY

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	VOCs (8260C)	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program	* - only metals bottles are field filtered	Sample Specific Notes
MP-228AR	4/6/22	0829	Grab	GW	13	Y*	X	X	X	X	X		
DUPLICATE DMP #1		0829	Grab	GW	13	Y*	X	X	X	X	X		
MP-228R		0928	Grab	GW	13	Y*	X	X	X	X	X		
MP-~~203A~~ 230A AOS		1037	Grab	GW	13	Y*	X	X	X	X	X		
MP-233R		1136				Y*	X	X	X	X	X		
MP-211BR		1232				Y*	X	X	X	X	X		
							2	2	4	2	6		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
ZOE #1 2.1, 2.5 1.4 1.6

480-196532 Chain of Custody

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temp. (°C): Obs'd. _____ Corr'd _____ Therm ID No. _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Ryan Jones	Eagon & Assocates, Inc.	4/6/22 16:20	Jennifer Mills	ETA	4/6/22 1620
J. Mills	ETA	4/6/22 1700	[illegible]	TAB	4/7/22 1000
			Received in Laboratory by:		

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/202

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Columbus
209

Chain of Custody Record

eurofins Environment Te America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAme

Client Contact
Eagon & Associates, Inc.
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params.
Site: CECOS-Aber Rd
P O #

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☑ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below _____
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer
Date: 4/6/22
Carrier: EUROFINS - COLS.

COC No: 1 of 1 COCs
TALS Project #:
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.: A-CNAY

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	VOCs (8260C)	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program	* - only metals bottles are field filtered	Sample Specific Notes:
MP-228AR	4/6/22	0829	Grab	GW	13	Y*	X	X	X	X	X		
DUPLICATE DMP #1	↓	0829	Grab	GW	13	Y*	X	X	X	X	X		
MP-228R		0928	Grab	GW	13	Y*	X	X	X	X	X		
MP-203A		1037	Grab	GW	13	Y*	X	X	X	X	X		
MP-233R		1136	↓	↓	↓	Y*	X	X	X	X	X		
MP-211BR	↓	1232	↓	↓	↓	Y*	X	X	X	X	X		
							2	2	4	2	6		

480-196532 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
COC #1 2.1, 2.5 1.4 1.6

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by: Ryan Jones	Company: Eagon & Assocates, Inc.	Date/Time: 4/6/22 16:20	Received by: Jennifer Mills	Company: ETA	Date/Time: 4/6/22 1620
Relinquished by: J. Mills	Company: ETA	Date/Time: 4/6/22 1700	Received by: [illegible]	Company: TAB	Date/Time: 4/7/22 1000
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/202

Columbus 209

Chain of Custody Record

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

eurofins Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmer

Client Contact
Eagon & Associates, Inc.
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params.
Site: CECOS-Aber Rd
P O #

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☑ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below _____
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer
Date: 4/6/22
Carrier: EDAC - LOLS

COC No: 1 of 1 COCs
TALS Project #:
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.: R. Jones

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	VOCs (8260C)	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program	* - only metals bottles are field filtered	Sample Specific Notes:
MP-280A	4/6/22	0927	Grab	GW	13	Y*	X	X	X	X	X		
MP-405A	↓	0826	Grab	GW	13	Y*	X	X	X	X	X		
DUPLICATE - DMP #3	↓	0927	Grab	GW	13	Y*	X	X	X	X	X		
MP-213A	↓	1026	Grab	GW	13	Y*	X	X	X	X	X		
MP-279	↓	1122	↓	↓	↓	Y*	X	X	X	X	X		
MP-251A	↓	1233	↓	↓	↓	Y*	X	X	X	X	X		
							2	2	4	2	6		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Ryan Jones	Eagon & Assocates, Inc.	4/6/22 16:20	Jennifer Mills	ETA	4/6/22 1620
J. Mills	ETA	4/6/22 1700	[illegible]	TAB	4/7/22 1000
			Received in Laboratory by:		

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Columbus
209

Chain of Custody Record

eurofins Environment Test America

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmeri

Client Contact
Eagon & Associates, Inc.
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params.
Site: CECOS-Aber Rd
P O #

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☑ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below _____
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer
Date: 4/6/22
Carrier: EURO-COCS.

COC No: 1 of 1 COCs
TALS Project #:
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.: S. Gerrey

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	VOCs (8260C)	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program	* - only metals bottles are field filtered	Sample Specific Notes:
MP-286C	4/6/22	0856	Grab	GW	13	Y*	X	X	X	X	X		
MP-274	↓	0958	Grab	GW	13	Y*	X	X	X	X	X		
MP-274A	↓	1054	Grab	GW	13	Y*	X	X	X	X	X		
MP-281C	↓	1144	Grab	GW	13	Y*	X	X	X	X	X		
MP-409	↓	1227	↓	↓	13	Y*	X	X	X	X	X		
							2	2	4	2	6		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Ryan Jones	Eagon & Assocates, Inc.	4/6/22 16:20	Jennifer Mills	ETA	4/6/22 1620
J. Mills	ETA	4/6/22 1700	[illegible]	TAB	4/7/22 1000
			Received in Laboratory by:		

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/202

Cincinnati
205

Chain of Custody Record

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact
Eagon & Associates, Inc.
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params.
Site: CECOS-Aber Rd
P O #

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☑ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below _____
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer

Date: 4/6/22
Carrier: Euro-Cinc

COC No: 1 of 1 COCs
TALS Project #:
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:
A. Gray

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	VOCs (8260C)	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program	* - only metals bottles are field filtered	Sample Specific Notes:
MP-402A	4/4/22	1346	Grab	GW	13	Y*	X	X	X	X	X		
MP-234R	↓	1442	Grab	GW	13	Y*	X	X	X	X	X		
MP-234AR	↓	1530	Grab	GW	13	Y*	X	X	X	X	X		
MP-241R	↓	1625	Grab	GW	13	Y*	X	X	X	X	X		
MP-237	↓	1741	Grab	GW	13	Y*	X	X	X	X	X		
							2	2	4	2	6		

480-196601 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
#1 3.1, 3.0, 2.4, 2.9, 3.6 2.6
3.3

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew D. Graham	Eagon & Associates, Inc.	4/6/22 E		Eurofins	4/6/22 10:00
	Eurofins	4/6/22 13:00		TAB	4/8/22 1000
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Cincinnati
205

Chain of Custody Record

eurofins | Environment Testing America

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact
Eagon & Associates, Inc.
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params.
Site: CECOS-Aber Rd
P O #

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☑ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer

Date: 4/6/22
Carrier: Euro - Cinc

COC No: 1 of 1 COCs
TALS Project #:
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.: R. Jones

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)		VOCs (8260C)	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program					* - only metals bottles are field filtered							Sample Specific Notes
MP-233AR	4/5/22	1140	Grab	GW	13	Y*		X	X	X	X	X												
MP-404	↓	1217	Grab	GW	13	Y*		X	X	X	X	X												
MP-404A		1253	Grab	GW	13	Y*		X	X	X	X	X												
MP-403A		1329	Grab	GW	13	Y*		X	X	X	X	X												
MP-214BR	↓	1404	Grab	GW	13	Y*		X	X	X	X	X												
								2	2	4	2	6												

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by: Andrew D. Graham	Company: Eagon & Assocates, Inc.	Date/Time: 4/6/22	Received by:	Company: Eurofins	Date/Time: 4/6/22 1000
Relinquished by:	Company: Eurofins	Date/Time: 4/6/22 1300	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Cincinnati
205

Chain of Custody Record

eurofins Environment Testing America

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact
Eagon & Associates, Inc.
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params.
Site: CECOS-Aber Rd
P O #

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☑ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below _____
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer
Date: 4/6/22
Carrier: Lono-Cinc

COC No. ____ of ____ COCs
TALS Project #:
Sampler: ✓
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.: A. Gray / A. Graham

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	VOCs (8260C)	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program	* - only metals bottles are field filtered	Sample Specific Notes:
MP-235BR	4/5/22	0939	Grab	GW	13	Y*	X	X	X	X	X		
MP-235CR	↓	0920	Grab	GW	13	Y*	X	X	X	X	X		
MP-235R	↓	0840	Grab	GW	13	Y*	X	X	X	X	X		
MP-238R	↓	1105	Grab	GW	13	Y*	X	X	X	X	X		
MP-401A	↓	0940	↓	↓	↓	Y*	X	X	X	X	X		
MP-401B	↓	1016	↓	↓	↓	Y*	X	X	X	X	X		
TRIP BLANK	—	—	—	O	3	N	X	X					
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							2		4	2	6		

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

☐ Custody Seals Intact ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew D. Graham	Eagon & Assocates, Inc.	4/6/22	[signature]	Eurofins	4/6/22 10:00
[signature]	Eurofins	4/6/22 1300	[signature]		
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Cincinnati
205

Chain of Custody Record

eurofins | Environment Testing America

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact
Eagon & Associates, Inc.
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params
Site: CECOS-Aber Rd
P O #

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☑ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below _____
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer
Date: 4/6/22
Carrier: Euro-Civ1

COC No: 1 of 1 COCs
TALS Project #:
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.: R. Jones

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	VOCs (8260C)	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program	* - only metals bottles are field filtered	Sample Specific Notes:
MP-406C	4/5/22	0834	Grab	GW	13	Y*	X	X	X	X	X		
DUPLICATE-DMP #2	↓	0834	Grab	GW	13	Y*	X	X	X	X	X		
MP-281	↓	0951	Grab	GW	13	Y*	X	X	X	X	X		
MP-281 MS	↓	0951	Grab	GW	13	Y*	X	X	X	X	X		
MP-281 MSD	↓	0951	Grab	GW	13	Y*	X	X	X	X	X		
TRIP BLANKS	—	—	—	O	3	N	X	X					
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							2	2	4	2	6		

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew D. Graham	Eagon & Assocates, Inc.	4/4/22	[signature]	Eurofins	4/6/22 10:00
[signature]	Eurofins	4/6/22 1300	PGI		
			Received in Laboratory by:		

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Cincinnati 205

Chain of Custody Record

eurofins | Environment Testing America

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact
Eagon & Associates, Inc.
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params.
Site: CECOS-Aber Rd
P O #

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☑ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer

Date: 4/6/22
Carrier: EWO - CINCI

COC No: 1 of 1 COCs
TALS Project #:
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.: S. Garvey

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	VOCs (8260C) *	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program	* - only metals bottles are field filtered	Sample Specific Notes:
MP-408	4/5/22	1616	Grab	GW	13	Y*	X	X	X	X	X		*-Unpreserved Vials
MP-280	↓	1721	Grab	GW	13	Y*	X	X	X	X	X		*- ↓
			~~Grab~~	~~GW~~	~~13~~	~~Y*~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~ TOC		
			~~Grab~~	~~GW~~	~~13~~	~~Y*~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~		
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other							2	2	4	2	6		

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C) Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew D. Graham	Eagon & Assocates, Inc.	4/6/22	[illegible]	Eurofins	4/6/22 10:00
[illegible]	Eurofins	4/6/22 1300	[illegible]	TAB	4/7/22 1000
			Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

5/12/2022 (Rev. 1)

Cincinnati
205

Chain of Custody Record

eurofins | Environment Testing America

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact
Eagon & Associates, Inc.
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params.
Site: CECOS-Aber Rd
P.O.#

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☑ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below _____
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer
Date: 4/6/22
Carrier: Euro-Line

COC No: 1 of 1 COCs
TALS Project #:
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:
R. Jones
A. Gray

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	VOCs (8260C)	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program	* - only metals bottles are field filtered	Sample Specific Notes:
MP-210AR	4/5/22	1452	Grab	GW	13	Y*	X	X	X	X	X		
MP-206AR	↓	1547	Grab	GW	13	Y*	X	X	X	X	X		
FIELD BLANK DMP	↓	1620	Grab	GW	13	Y*	X	X	X	X	X		
MP-277A	↓	1648	Grab	GW	13	Y*	X	X	X	X	X		
MP-231AR	↓	1737	↓	↓	13	Y*	X	X	X	X	X		
							2	2	4	2	6		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No
Custody Seal No.:
Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew D. Graham	Eagon & Assocates, Inc.	4/6/22	[illegible]	Eurofins	4/6/22 10:00
[illegible]	Eurofins	4/6/22 1300	[illegible]		
			Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Cincinnati
205

Chain of Custody Record

eurofins | Environment Testing America

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica

Client Contact
Eagon & Associates, Inc.
100 W. Old Wilson Bridge Rd, Suite 115
Worthington, Ohio 43085
(614) 888-5760 Phone
(614) 888-5763 FAX
Project Name: DMP - Semiannual Sampling w/ TSCA params
Site: CECOS-Aber Rd
P.O.#

Project Manager: Mike Gibson
Email: mgibson@eagoninc.com
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
☑ CALENDAR DAYS ☐ WORKING DAYS
TAT if different from Below _____
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

Site Contact: Andrew Thompson
Lab Contact: Brian Fischer
Date: 4/6/22
Carrier: Eurofins - Cinc.

COC No: 1 of 1 COCs
TALS Project #:
Sampler:
For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.: A. Gray

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	VOCs (8260C)	VOCs (8011)	Diss. Metals* (6010C, 6020A, 7470A)	TOC (9060A) / TSCA Program	PCBs (8082A) / TSCA Program	* - only metals bottles are field filtered	Sample Specific Notes:
MP-250A	4/5/22	1304	Grab	GW	13	Y*	X	X	X	X	X		
MP-250	↓	1348	Grab	GW	13	Y*	X	X	X	X	X		
MP-244R	↓	1446	Grab	GW	13	Y*	X	X	X	X	X		
MP-244ARR	↓	1534	Grab	GW	13	Y*	X	X	X	X	X		
MP-407	↓	1634	↓	↓	↓	Y	X	X	X	X	X		
MP-232A	↓	1728	↓	↓	↓	Y	X	X	X	X	X		
							2	2	4	2	6		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew D. Graham	Eagon & Assocates, Inc.	4/2/22	[illegible]	Eurofins	4/6/22 10:00
[illegible]	Eurofins	4/6/22 1300	[illegible]		
			Received in Laboratory by:	Company:	Date/Time:

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2020

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-196532-1

Login Number: 196532
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-196532-1

Login Number: 196601
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Quantitation Limit Exceptions Summary

Client: Republic Services Inc
Job ID: 480-196532-1
Project/Site: Aber Rd. Landfill - DMP Semiannual

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Hexachlorobutadiene	Water	Total/NA	ug/L	1.0	2.0

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-228AR

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 11:01 P

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 911.64 (ft/msl)

Depth to Water (DTW) (from TOC): 14.40 (ft)

Groundwater Elevation (site datum, from TOC): 897.24 (ft/msl)

Total Well Depth (from TOC): 40.30 (ft)

Water Column Height (well depth - DTW): 25.90 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X - Other: ____

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Gallons) circle one	# ELAPSED WELL VOLS PURGED (optional)
04/04/22	0811	0:18	08	72	9.0

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0810	11.42						
0811	START	100					410
0812	11.42	140	7.14	1249	13.0		
0815	14.26	156	7.15	1247	13.0		
0819	14.26	172	7.14	1240	13.0	143.6	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/04/22	0819	172	7.14	1240	13.0	143.6	410

Sample Appearance: clear Odor: none Color: none Other: ____

Weather Conditions (at sample time): Wind Speed / Direction: S 4 mph Air Temp: 46°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.43

ORP (mV) = +41.7

FIELD COMMENTS

L. 10 ss

D. 5 ss @ 20psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/6/22 Date — Money Gray Name — Signature

EAGON

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: Duplicate - DMP#1

WELL DATA

Water-Level Date: (MM/DD/YY)

Water-Level Time:

Purge/Sample Method: LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)

Water Column Height (well depth - DTW) (ft)

Casing ID (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ (circle or fill in)

Purging Device ____ A-Submersible Pump B-Peristaltic Pump C-Bladder Pump D-Bailer E-Piston Pump F-Dipper/Bottle

Sampling Device ____

X - Other

Pump Type (Vol) ____ A-P1200M (495 mL) B-P1101M (395 mL) C-P1150 (130 mL) X-Other

Tubing ID (Vol/Ft) ____ A-3/8 inch (22 mL/ft) B-1/4 inch (10 mL/ft) C-0.17 inch (4.5 mL/ft) X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)

START PURGE TIME (2400 Hr. Clock)

ELAPSED HRS (hrs:min)

WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) circle one of each

TOTAL VOL PURGED (Liters : Gallons) circle one

PUMP/TUBING:WELL VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
	START	100					

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L : Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	0912	172	7.13	1235	13.0	167.8	400

Sample Appearance: Clear Odor: None Color: None Other: —

Weather Conditions (at sample time): Wind Speed / Direction: S 4mph Air Temp: 40°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.36

ORP (mV) = +31.7

FIELD COMMENTS

Duplicate - DMP#1 is an exact duplicate by container of well MP-228AR

See FIF for well MP-228AR for well & Purge information

Samples Collected:

DMP VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/6/22 Date

Aubrey Gray Name

Signature

EAGON ENVIRONMENTAL

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-22 8.2

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1014

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 911.41 (ft/msl)

Depth to Water (DTW) (from TOC): 12.43 (ft)

Groundwater Elevation (site datum, from TOC): 898.48 (ft/msl)

Total Well Depth (from TOC): 72.25 (ft)

Water Column Height (well depth - DTW): 59.82 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L, Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	TOTAL VOL PURGED (Liters, Gallons) circle one	PUMP/TUBING WELL VOLS PURGED (optional)
04/04/22	0902	0:26	12	74	6.2

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L, Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0910	12.95	—	—	—	—	—	—
0912	START	100	—	—	—	—	500
0914	12.6	150	7.66	2045	13.1	—	150
0916	14.30	156	7.63	2048	12.9	—	
0918	14.30	162	7.60	2046	12.5	—	
0924	14.30	168	7.52	2084	12.4	—	
0928	14.30	174	7.47	2102	12.4	0.67	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L, Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/04/22	0928	174	7.47	2102	12.4	0.67	150

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 5 5 mph Air Temp: 48 °F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) =

ORP (mV) =

R · 10 sec → 27 sec

D · 5 sec @ 40 psi → 3 sec @ 40 psi

FIELD COMMENTS

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/5/22 Name: Ashley Gray Signature:

EAGON & ASSOCIATES, INC.

A-200 04/8

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-230 ~~MP-2~~

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1224

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 9075 (ft/msl)

Depth to Water (DTW) (from TOC): 1293 (ft)

Groundwater Elevation (site datum, from TOC): 8958 (ft/msl)

Total Well Depth (from TOC): 3040 (ft)

Water Column Height (well depth - DTW): 1747 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (TUBING : WELL CASING) circle one of each	TOTAL VOL PURGED (Liters : Gallons) circle one	# TUBING + WELL VOLS PURGED (optional)
04/06/22	1017	0130	07	110	157

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1013	1265	—	—	—	—	—	—
1017	START	100	—	—	—	—	500
1117	1349	150	7.35	1131	12.8	—	300
1121	1346	162	7.25	1171	12.7	—	—
1125	1359	174	7.14	1233	12.6	—	—
1129	1330	186	7.10	1259	12.6	—	—
1133	1327	198	7.07	1278	12.7	3.54	—
1137	1324	110	7.06	1284	12.7	1047.8	—

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L : Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	1037	110	7.06	1284	12.7	1047.8	300

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: S 9 mph Air Temp: 52°F Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.83
ORP (mV) = -32.4

FIELD COMMENTS

R: 10 sec → 16 sec
O: 5 sec @ 20 psi → 4 sec @ 25 psi

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/6/22 — Date
Bryan Gray — Name
Signature

EAGON & ASSOCIATES, INC.

1-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-233K

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0941

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 907.00 (ft/msl)

Depth to Water (DTW) (from TOC): 10.48 (ft)

Groundwater Elevation (site datum, from TOC): 896.52 (ft/msl)

Total Well Depth (from TOC): 80.20 (ft)

Water Column Height (well depth - DTW): 69.72 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or — µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L) Gal) IN PUMP/TUBING/WELL CASING) circle one of each	TOTAL VOL PURGED (L) Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
04/04/22	1116	00:20	11	50	4.54

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L) Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1112	10.35	—	—	—	—	—	—
1116	START	100	—	—	—	—	300
1126	10.07	30	7.70	1975	12.9	—	200
1131	10.08	40	7.66	1940	12.6	—	—
1136	10.15	50	7.63	1970	12.5	36.2	—

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L) Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/04/22	1136	50	7.63	1970	12.5	36.2	200

Sample Appearance: Clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: S 11 mph Air Temp: 52°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.04
ORP (mV) = -95.3

FIELD COMMENTS

Sample effervescent
e. 16 → 26
D 4 @ 40 psi → 4 @ 40 psi

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/4/22 Name: Abbey Signature: Gray

EAGON & ASSOCIATES, INC.

V-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-211BR

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1013

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 911.09 (ft/msl)

Depth to Water (DTW) (from TOC): 673 (ft)

Groundwater Elevation (site datum, from TOC): 904.36 (ft/msl)

Total Well Depth (from TOC): 329.0 (ft)

Water Column Height (well depth - DTW): 261.7 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45) or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L: Gal) IN (TUBING/WELL CASING) circle one of each	TOTAL VOL PURGED (Liters: Gallons) circle one	NUMBER OF WELL VOLS PURGED (optional)
04/04/22	1212	00:10	07	100	8.57

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L: Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1210	1646	—	—	—	—	—	—
1211	START	100	—	—	—	—	500
1212	751	50	7.32	1107.5	13.0	—	100
1217	754	55	7.32	1106.9	13.4	—	↓
1232	755	60	7.32	1106.5	13.2	108.8	↓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L: Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/04/22	1232	60	7.32	1106.5	13.2	108.8	100

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: S 11 mph Air Temp: 52°F Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 2.53

ORP (mV) = 32.1

FIELD COMMENTS

R. 10 → 28 psi

D. 50 @ 25 psi → 2 psi @ 25 psi

SAMPLES COLLECTED: *airline fitting cracked

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/6/22 Date — Aubrey Gray Name — Signature

EAGON & ASSOCIATES, INC.

V-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-280A

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0954

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 912.28 (ft/msl)

Depth to Water (DTW) (from TOC): 17.13 (ft)

Groundwater Elevation (site datum, from TOC): 895.15 (ft/msl)

Total Well Depth (from TOC): 35.30 (ft)

Water Column Height (well depth - DTW): 18.17 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: ——

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L, Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters, Gallons) (circle one)	PUMP/TUBING/WELL VOLS PURGED (optional)
04/06/22	0907	0020	07	80	114

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L, Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0905	16.81	—	—	—	—	—	—
0907	START	00	—	—	—	—	400
0911	16.81	40	6.83	1640	12.8	—	↓
0912	16.81	60	6.84	1638	12.8	—	↓
0917	16.81	80	6.83	1638	12.9	63.2	✓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L, Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	0917	80	6.83	1638	12.9	63.2	400

Sample Appearance: Clear Odor: none Color: none Other: ——

Weather Conditions (at sample time): Wind Speed / Direction: 0-7 MPH SSE Air Temp: 51°F Precipitation: Y N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.07
ORP (mV) = -87.6

FIELD COMMENTS

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

04.06.22 — Date

Ryan Jones — Name

Signature

EAGON & ASSOCIATES, INC.

V-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-405A

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0952

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 911.02 (ft/msl)

Depth to Water (DTW) (from TOC): 14.72 (ft)

Groundwater Elevation (site datum, from TOC): 906.30 (ft/msl)

Total Well Depth (from TOC): 156.0 (ft)

Water Column Height (well depth - DTW): 110.88 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45μ) or ____ μ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): C — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): C — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: ____

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L / Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters / Gallons) (circle one)	TUBING/WELL VOLS PURGED (optional)
04/06/22	0806	0020	02	50	250

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gal)	pH (S.U.)	Spec. Conductance (μmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0751	13.99						
0806	START	00					400
0811	16.31	40	7.05	1930	9.1		100
0821	15.90	45	7.05	1933	9.1		
0826	15.74	50	7.05	1932	9.1	32.2	✓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L / Gal)	pH (S.U.)	SPEC. CONDUCTANCE (μmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	0826	50	7.05	1932	9.1	32.2	100

Sample Appearance: clear Odor: none Color: none Other: ____

Weather Conditions (at sample time): Wind Speed / Direction: 0-7 MPH S Air Temp: 49°F Precipitation: Y (N)

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 2.41
ORP (mV) = +58.5

FIELD COMMENTS

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 04/06/22 Name: Ryan James Signature: [signature]

EAGON & ASSOCIATES, INC.

A-200 0410

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: Duplicate - DMP #3

WELL DATA

Water-Level Date: (MM/DD/YY)

Water-Level Time:

Purge/Sample Method: LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)

Water Column Height (well depth - DTW) (ft)

Casing ID (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or µ (circle or fill in)

Purging Device — A-Submersible Pump, B-Peristaltic Pump, D-Bailer, E-Piston Pump

Sampling Device — C-Bladder Pump, F-Dipper/Bottle

Pump Type (Vol) — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft) — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	TOTAL VOL PURGED (Liters : Gallons) circle one	PUMP/TUBING:WELL VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
	START	100					

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L : Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	0912	180	6.83	1638	12.9	4.77	400

Sample Appearance: clear Odor: none Color: none Other:

Weather Conditions (at sample time): Wind Speed / Direction: 0-7 MPH SSE Air Temp: 51°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.07

ORP (mV) = -88.2

FIELD COMMENTS

Duplicate - DMP #3 is an exact duplicate by container of well MP-280A. See the FIF for well MP-280A for well & purge info.

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

04/06/22 Date — Ryan Jones Name — Signature

EAGON & ASSOCIATES, INC.

V 200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-213A

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1101

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 1298 (ft/msl)

Depth to Water (DTW) (from TOC): 173 (ft)

Groundwater Elevation (site datum, from TOC): 895.15 (ft/msl)

Total Well Depth (from TOC): 325.0 (ft)

Water Column Height (well depth - DTW): 146.7 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: —

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L / Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters / Gallons) (circle one)	SUMP/TUBING/WELL VOLS PURGED (optional)
04/06/22	1006	0:20	07	80	114

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1003	1753						
1006	START	00					400
1011	1754	40	6.59	2608	12.8		
1021	1756	60	6.59	2610	12.8		
1026	1756	80	6.59	2612	12.8	302	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L / Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	1026	80	6.59	2612	12.8	302	400

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-11 MPH S Air Temp: 51°F Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.13
ORP (mV) = -44.2

FIELD COMMENTS

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

04/06/22 — Date
Ryan Jones — Name
Signature

EAGON & ASSOCIATES, INC.

V-200-0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-279

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1006

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 910.36 (ft/msl)

Depth to Water (DTW) (from TOC): 9.58 (ft)

Groundwater Elevation (site datum, from TOC): 900.78 (ft/msl)

Total Well Depth (from TOC): 102.60 (ft)

Water Column Height (well depth - DTW): 93.02 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device (Y) or N (0.45) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: _____

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L or Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters or Gallons) (circle one)	PUMP/TUBING/WELL VOL PURGED (optional)
04/06/22	1102	0020	113	170	58

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L or Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1055	9.47	—	—	—	—	—	—
1102	START	00	—	—	—	—	500
1112	11.48	50	6.95	8107	12.8	—	200
1117	11.18	60	6.95	8151	12.5	—	↓
1122	11.05	70	6.93	8338	12.4	5.43	✓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L or Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	1122	170	6.93	8338	12.4	5.43	200

Sample Appearance: clear

Odor: none

Color: none

Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-14 MPH SSE

Air Temp: 52°F

Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.08
ORP (mV) = -57.7

FIELD COMMENTS

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols

Date: 04/06/22

Name: Ryan Jones

Signature: [signature]

EAGON & ASSOCIATES, INC.

1-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-251A

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1017

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 9154 (ft/msl)

Depth to Water (DTW) (from TOC): 303 (ft)

Groundwater Elevation (site datum, from TOC): 9085.1 (ft/msl)

Total Well Depth (from TOC): 4040 (ft)

Water Column Height (well depth - DTW): 3737 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: ____

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER BLOCK (L or Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters or Gallons) (circle one)	PUMP/TUBING/WELL VOLS PURGED (optional)
04/06/22	1213	0020	02	60	750

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L or Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1210	288						
1213	START	00					400
1223	359	40	770	855	126		200
1228	353	50	769	843	123		↓
1233	347	60	766	847	122	1.86	↓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L or Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	1233	60	766	847	122	1.86	200

Sample Appearance: clear Odor: none Color: none Other: ____

Weather Conditions (at sample time): Wind Speed / Direction: 0-14 MPH SSE Air Temp: 56°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 1.22
ORP (mV) = -57.6

FIELD COMMENTS

Refill: 12 sec → 27 sec
Discharge: 3 sec @ 30psi → 3 sec @ 30psi
400 mL/min 200 mL/min

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 04/06/22 Name: Ryan Jones Signature: [signature]

EAGON & ASSOCIATES, INC.

A-200 0418

FIELD INFORMATION FORM

Site Name: CECOS – Aber Rd

Sample Point: MP-286C

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1200

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 914.59 (ft/msl)

Depth to Water (DTW) (from TOC): 18.37 (ft)

Groundwater Elevation (site datum, from TOC): 896.22 (ft/msl)

Total Well Depth (from TOC): 570.0 (ft)

Water Column Height (well depth - DTW): 386.3 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: Y or (N) 0.45µ or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hr:min)	WATER VOL (Gal) IN TEMPORARY WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters, Gallons) (circle one)	PUMP/TUBING DISCHARGE VOLS PURGED (optional)
04/06/22	1813	00:18	09	72	80

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L, Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1812	118.18	—	—	—	—	—	—
1818	START	100	—	—	17	—	400
1848	118.19	46	7.47	1140	12.0	—	
1852	118.18	56	7.47	1142	12.0	—	
1856	118.18	72	7.47	1143	12.0	9.810	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L, Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	1856	72	7.47	1143	12.0	9.810	400

Sample Appearance: Clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: SSE 10 mph Air Temp: 48°F Precipitation: Y or (N)

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.13
ORP (mV) = -88.6

FIELD COMMENTS

Samples Collected:
DMP VOCs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/6/22 Date — Shawn Crowy Name — Signature

EAGON & Associates, Inc.

EA-200 04-05

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-274

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1127

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 912.40 (ft/msl)

Depth to Water (DTW) (from TOC): 16.72 (ft)

Groundwater Elevation (site datum, from TOC): 895.88 (ft/msl)

Total Well Depth (from TOC): 75.50 (ft)

Water Column Height (well depth - DTW): 58.78 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL. (Liters/Gallons) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL. PURGED (Liters/Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
04/06/22	9410	00:18	1.1	5.4	4.90

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
939	16.08	T	T	T	T	T	T
940	START	00	T	T	T	T	500
946	16.82	30	7.61	1207	13.4	T	200
950	16.67	38	7.62	1204	12.9	T	T
954	16.62	46	7.63	1208	12.7	T	T
958	16.58	54	7.62	1209	12.7	3.67	T

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L / Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	958	54	7.62	1209	12.7	3.67	200

Sample Appearance: Clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: S 7 mph Air Temp: 51 °F Precipitation: Y (N)

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.20
ORP (mV) = -4.1

FIELD COMMENTS

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/6/22 Name: Shannon Garvey Signature: [signature]

EAGON & ASSOCIATES, INC.

A-200.0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-274A

WELL DATA

Water-Level Date: 04/06/22 (MM/DD/YY)

Water-Level Time: 1112 8

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 912.78 (ft/msl)

Depth to Water (DTW) (from TOC): 17.24 (ft)

Groundwater Elevation (site datum, from TOC): 895.54 (ft/msl)

Total Well Depth (from TOC): 32.70 (ft)

Water Column Height (well depth - DTW): 15.46 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL. (L; Gal) IN (PUMP/TUBING/WELL CASING) check one of each	TOTAL VOL. PURGED (Liter; Gallon) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
040622	1121	00:33	07	13.2	18.8

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L; Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1019	16.91	—	—	—	—	—	—
1021	START	100	—	—	—	—	400
1046	17.09	700	7.02	1456	13.3	—	
1056	17.03	11.6	7.02	1455	13.3	—	
1054	17.04	13.2	7.02	1455	13.4	13.45	M.

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L; Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
040622	1054	13.2	7.02	1455	13.4	13.45	400

Sample Appearance: clear Odor: none Color: Orange Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 8 mph Air Temp: 57 °F Precipitation Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.07
ORP (mV) = -6.9

FIELD COMMENTS

initial purge water colored, cleared as well purged.

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/6/22 Name: Shawn Garvey Signature: [signature]

EAGON & ASSOCIATES, INC.

A-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-28IC

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1123

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 914.12 (ft/msl)

Depth to Water (DTW) (from TOC): 18.35 (ft)

Groundwater Elevation (site datum, from TOC): 895.77 (ft/msl)

Total Well Depth (from TOC): 628.0 (ft)

Water Column Height (well depth - DTW): 44.55 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: ✓

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L or Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters or Gallons) (circle one)	PUMP/TUBING/WELL VOLS PURGED (optional)
04/04/22	1112	00:20	09	80	8.8

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L or Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1120	18.16	—	—	—	—	—	—
1124	START	100	—	—	—	—	400
1134	18.18	40	7.16	1206	13.5	—	
1139	18.18	60	7.16	1206	13.5	—	
1144	18.19	80	7.16	1207	13.5	46.1	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L or Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/04/22	1144	80	7.16	1207	13.5	46.1	

Sample Appearance: Clear Odor: none Color: none Other: ✓

Weather Conditions (at sample time): Wind Speed / Direction: SSE 14 mph Air Temp: 52°F Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.16
ORP (mV) = -64.2

FIELD COMMENTS

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/6/22 Name: Shannon Garvey Signature: [signature]

EAGON ASSOCIATES, INC.

L-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-409

WELL DATA

Water-Level Date: 04/06/22 (MM/DD/YY)

Water-Level Time: 1015

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 911.83 (ft/msl)

Depth to Water (DTW) (from TOC): 19.60 (ft)

Groundwater Elevation (site datum, from TOC): 902.23 (ft/msl)

Total Well Depth (from TOC): 91.70 (ft)

Water Column Height (well depth - DTW): 72.10 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or — µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: —

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L / Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters / Gallons) (circle one)	PUMP/TUBING/WELL VOLS PURGED (optional)
04/06/22	1207	00:20	12	40	333

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1200	19.53	—	—	—	—	—	—
1207	START	10	—	—	—	—	200
1217	10.22	20	7.34	896	13.7	—	
1222	10.25	30	7.33	903	13.4	—	
1227	10.27	40	7.34	916	13.4	562	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L / Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/06/22	1227	40	7.34	916	13.4	562	200

Sample Appearance: Clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: SSE 14 mph Air Temp: 52 °F Precipitation Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.67

ORP (mV) = -88.1

FIELD COMMENTS

Samples Collected:

DMP VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/6/22 Name: Shannon Gainey Signature: [signature]

EAGON & ASSOCIATES, INC.

6-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP - 402A

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1015

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 908.42 (ft/msl)

Depth to Water (DTW) (from TOC): 54.0 (ft)

Groundwater Elevation (site datum, from TOC): 903.02 (ft/msl)

Total Well Depth (from TOC): 210.0 (ft)

Water Column Height (well depth - DTW): 156.0 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: _____

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Gals. Gallons) (circle one)	PURGE/TUBING/WELL VOLS PURGED (optional)
04/04/22	1330	01:16	06	64	1.0

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1328	53.6						
1330	START	00					400
1340	60.9	40	6.80	1148	13		
1345	61.0	52	6.80	1151	14		
1410	61.4	64	6.80	1153	14	249.6	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/04/22	1346	64	6.80	1153	14	249.6	400

Sample Appearance: Clear

Odor: none

Color: none

Other: —

Weather Conditions (at sample time): Wind Speed / Direction: S 8 mph

Air Temp: 55°F

Precipitation: Y or (N)

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.34
ORP (mV) = -127.7

FIELD COMMENTS

crill gas discharge. Used @ 10 psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/4/22 Name: Abbey Crum Signature:

EAGON & ASSOCIATES, INC.

1-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-234K

WELL DATA

Water-Level Date: 04/07/22 (MM/DD/YY)

Water-Level Time: 1615

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 911.86 (ft/msl)

Depth to Water (DTW) (from TOC): 132.2 (ft)

Groundwater Elevation (site datum, from TOC): 829.66 (ft/msl)

Total Well Depth (from TOC): 740 (ft)

Water Column Height (well depth - DTW): 62.16 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 45µ or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: ____

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (D: Gals) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters/Gallons) circle one	EQUIP/TUBING/WELL VOLS PURGED (optional)
04/04/22	1411	1:30	11	99	90

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1409	132.2	—	—	—	—	—	—
1411	START	100	—	—	—	—	500
1416	150.11	75	7.28	4066	13.3	—	150
1430	149.4	81	7.29	3777	13.3	—	—
1434	148.1	87	7.31	3658	12.8	—	—
1438	147.2	95	7.32	3624	12.7	—	—
1442	146.6	99	7.32	3689	12.5	0.66	—

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L / Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/04/22	1442	99	7.32	3689	12.5	0.66	150

Sample Appearance: Clear Odor: none Color: none Other: ____

Weather Conditions (at sample time): Wind Speed / Direction: SSW 10 mph Air Temp: 55°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.40

ORP (mV) = -60.7

FIELD COMMENTS

refill - 9.3 → 26.5

discharge - 85 @ 40 psi → 3.5 gpm

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/4/22 Name: Ashley Gray Signature: ____

EAGON & ASSOCIATES, INC.

V-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-234Ac

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1053

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 1096 (ft/msl)

Depth to Water (DTW) (from TOC): 183 (ft)

Groundwater Elevation (site datum, from TOC): 1025 (ft/msl)

Total Well Depth (from TOC): 246 (ft)

Water Column Height (well depth - DTW): 167 (ft)

Casing ID: 4 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45 or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Gallons) (circle one)	VOLS PURGED (optional)
04/04/22	1510	00:12	06	89	16

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol Purged (Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1514	1830	—	—	—	—	—	—
1518	START	100	—	—	—	—	400
1516	1910	146	7.37	2823	11.8	—	—
1522	1909	156	7.26	2879	11.8	—	—
1526	1912	172	7.19	2915	11.8	—	—
1530	1912	188	7.11	2959	11.8	0.916	400

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/04/22	1530	188	7.11	2959	11.8	0.916	400

FIELD COMMENTS

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: SSW 10mph Air Temp: 55°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.17
ORP (mV) = 60.2
Refill - 10sec
discharge - 5sec @ 20psi

SAMPLES COLLECTED!
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/4/22 Date — Abbey Gray Name — Signature

EAGON & ASSOCIATES, INC.

V-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-241R

WELL DATA

Water-Level Date: 01/06/12 (MM/DD/YY)

Water-Level Time: 1114

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 1357 (ft/msl)

Depth to Water (DTW) (from TOC): 15.47 (ft)

Groundwater Elevation (MSL datum, from TOC): 898.10 (ft/msl)

Total Well Depth (from TOC): 0640 (ft)

Water Column Height (well depth - DTW): 49.93 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOLUME (Gal) IN PERMANENT WELL CASING (circle one of each)	TOTAL VOL PURGED (Gal) (circle one)	PERMANENT WELL VOLS PURGED (optional)
01/06/12	1515 17	01:28	10	208	20.8

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L) Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1515 18 (S)	1514 7	1	1	1	1	1	1
1515 17	START	100	1	1	1	1	1000
1601 17	1610 12	1210	7.57	1.016 7	13.5	1	1010
1601 21	1607 14	1214	7.57	1.016 6	13.8	1	1
1601 25	1617 17	1218	7.58	1.015 9	13.6	1.2.5	↓
1601 29 (E)	1	1212 (E)	1	1	1	1	1

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L) Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
01/06/12	1601 25	1208	7.58	1.015 9	13.6	1.2.5	1010

Sample Appearance: Clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: SW 10 mph Air Temp: 57°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 6.41

ORP (mV) = -10.9

FIELD COMMENTS

Refill = 8.5 sec

Discharge = 6.5 sec

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/4/22 Name: Andrew Crew Signature:

EAGON & ASSOCIATES, INC.

4-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP 237

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1038

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 913.08 (ft/msl)

Depth to Water (DTW) (from TOC): 15.41 (ft)

Groundwater Elevation (site datum, from TOC): 897.27 (ft/msl)

Total Well Depth (from TOC): 710.0 (ft)

Water Column Height (well depth - DTW): 556.9 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (N) or N (0.45µ) or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: ——

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	TOTAL VOL PURGED (Gallons) circle one	PUMP/TUBING/WELL VOL PURGED (optional)
04/04/22	1710	00:35	10	125	125

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1710:5	15.42	—	—	—	—	—	—
1710:6	START	100	—	—	—	—	500 *
1711:6	18.19	150	9.40	1053	13.8	—	300
1712:1	17.70	165	8.81	1112	14.0	—	
1712:6	17.49	180	8.01	1121	14.0	—	
1713:1	17.40	195	7.73	1124.8	14.0	—	
1713:6	17.39	1110	7.66	1255	13.8	—	
1714:1	17.39	1125	7.65	1257	13.8	14.0	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/04/22	1714	125	7.65	1257	13.8	14.0	300

Sample Appearance: Clear

Odor: none

Color: none

Other: ——

Weather Conditions (at sample time): Wind Speed / Direction: SSW 11mph

Air Temp: 59°F

Precipitation: Y or (N)

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.17

ORP (mV) = -29.7

FIELD COMMENTS

refill - 11 sec → 16 sec

discharge 4 sec @ 40 psi → 4 sec @ 40 psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/4/22 — Date

Ashley Gray — Name

EAGON & ASSOCIATES, INC.

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-233AR

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0944

Purge/Sample Method: Dry
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 9074.4 (ft/msl)

Depth to Water (DTW) (from TOC): 59.7 (ft)

Groundwater Elevation (site datum, from TOC): 9014.7 (ft/msl)

Total Well Depth (from TOC): 270.0 (ft)

Water Column Height (well depth - DTW): 213.3 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: —

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL. (L) (PUMP/TUBING/WELL CASING) circle one of these	TOTAL VOL. PURGED (Liters : Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
04/04/22	1312	0057	1142	1175	123

STABILIZATION DATA

Date	Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L) (Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
	1308	59.5						
	1312	START	00					
	1409	DRY	175					
04/05/22		SAMPLE						
	1140	1099	175	7.11	1239	12.6	1.40	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L) (Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1140	175	7.11	1239	12.6	1.40	—

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-6 MPH ESE Air Temp: 52°F Precipitation: (Y) or N

FIELD COMMENTS

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 2.24
ORP (mV) = +28.7

27.70' - 5.95' = 21.75' x 0.652 = 14.18 gal x 3 = 42.54 gals

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

04/05/22 Date — Ryan Jones Name — Signature

EAGON & ASSOCIATES, INC.

V-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-404

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0943

Purge/Sample Method: Dry (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 912.75 (ft/msl)

Depth to Water (DTW) (from TOC): 15.61 (ft)

Groundwater Elevation (site datum, from TOC): 897.14 (ft/msl)

Total Well Depth (from TOC): 101.00 (ft)

Water Column Height (well depth - DTW): 85.39 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: ____

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gals) PUMP/TUBING/WELL CASING circle one if used	TOTAL VOL PURGED (Liters : Gallons) circle one	PUMP/TUBING (OPTIONAL) VOLS PURGED (optional)
04/04/22	1420	00:57	11.40	11.40	100

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1416	15.60						
1420	START	00					
1517	DRY	11.40					
4/15/22	SAMPLE						
1217	14.36	11.40	7.26	1427	12.8	5.00	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L : Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1217	11.40	7.26	1427	12.8	5.00	

Sample Appearance: clear Odor: none Color: none Other: ____

Weather Conditions (at sample time): Wind Speed / Direction: 0-6 MPH ESE Air Temp: 52°F Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.07

ORP (mV) = -123.8

FIELD COMMENTS

101.00' - 15.60' = 85.40' x 0.163 = 13.92 gals x 3 = 41.76 gals

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 04.05.22 Name: Ryan Jones Signature: [signature]

EAGON & ASSOCIATES, INC.

S-200-0818

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-404A

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0950

Purge/Sample Method: Dry (LF = Low Flow MP = Minimum Purge DY = Dry V = Volumetric)

Well Elevation (at TOC): 915.09 (ft/msl)

Depth to Water (DTW) (from TOC): 11.16 (ft)

Groundwater Elevation (site datum, from TOC): 903.93 (ft/msl)

Total Well Depth (from TOC): 20.40 (ft)

Water Column Height (well depth - DTW): 6.24 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X - Other: ____

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING/WELL CASING) circle one if such	TOTAL VOL PURGED (Liters Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
04/04/22	1427	00:24	17	36	176

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1424	1102	—	—	—	—	—	—
1427	START	100	—	—	—	—	—
1428	DRY	130	—	—	—	—	—
04/05/22	SAMPLE	—	—	—	—	—	—
1215	1118	130	7.26	9614	11.3	8.22	—

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L : Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1215	130	7.26	9614	11.3	8.22	—

Sample Appearance: clear Odor: none Color: none Other: ____

Weather Conditions (at sample time): Wind Speed / Direction: 0-7 MPH ESE Air Temp: 53°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 4.87

ORP (mV) = +56.0

FIELD COMMENTS

20.40' - 10.22' = 10.18' x 0.163 = 1.66 gals x 3 = 4.98 gals

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 04/05/22 Name: Ryan Jones Signature: [signature]

EAGON ASSOCIATES, INC.

C-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-403A

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0922

Purge/Sample Method: Dry
LF = Low Flow MP = Minimum Purge D = Dry V = Volumetric

Well Elevation (at TOC): 9237 (ft/msl)

Depth to Water (DTW) (from TOC): 819 (ft)

Groundwater Elevation (site datum, from TOC): 9042 (ft/msl)

Total Well Depth (from TOC): 1270 (ft)

Water Column Height (well depth - DTW): 1051 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45 or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): C — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

X - Other: ——

Tubing ID (Vol/Ft): C — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gallon) (PUMP/TUBING/WELL CASING) circle one if used	TOTAL VOL PURGED (Liters : Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
04/04/22	1541	00:38 (DRY)	18	33	183

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gallon)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1513R	814						
1514	START	00					
1610	DRY	33					
04/05/22	SAMPLE						
1329	816	33	7.11	1643	10.4	545	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L : Gallon)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1329	33	7.11	1643	10.4	545	

Sample Appearance: clear

Odor: none

Color: none

Other: ——

Weather Conditions (at sample time): Wind Speed / Direction: 0-7 MPH ESE

Air Temp: 53°F

Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 5.16

ORP (mV) = +65.9

FIELD COMMENTS

8.70' - 8.14' = 0.56 X 0.163 = 1.72 gals X 3 = 5.16 gals

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

04/05/22 Date — Ryan Jones Name — Signature

EAGON & ASSOCIATES, INC.

1-200-04(R)

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-214BR

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 09:24

Purge/Sample Method: Dry
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 910.29 (ft/msl)

Depth to Water (DTW) (from TOC): 14.90 (ft)

Groundwater Elevation (site datum, from TOC): 895.39 (ft/msl)

Total Well Depth (from TOC): 30.20 (ft)

Water Column Height (well depth - DTW): 15.30 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: ____

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L, Gal) (PUMP/TUBING/WELL CASING) circle one of these	TOTAL VOL PURGED (Liters, Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
04/04/22	1528	01:31	101	298	295

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L, Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1512:15	14.76	—	—	—	—	—	—
1512:18	START	100	—	—	—	—	—
1659	DRY	298	—	—	—	—	—
04/05/22	SAMPLE	—	—	—	—	—	—
1404	1523	298	6.92	1578	12.6	144.8	—

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L, Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1404	298	6.92	1578	12.6	144.8	—

Sample Appearance: clear Odor: none Color: none Other: ____

Weather Conditions (at sample time): Wind Speed / Direction: 0-7 MPH ESE Air Temp: 54°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.14

ORP (mV) = +28.1

30.20 - 14.76 = 15.44 x 0.652 = 10.07 gals x 3 = 30.21 gals

FIELD COMMENTS

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and site protocols:

Date: 04/05/22 Name: Ryan Jones Signature: [signature]

EAGON & ASSOCIATES, INC.

A-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-406C

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1110

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 9740 (ft/msl)

Depth to Water (DTW) (from TOC): 21.21 (ft)

Groundwater Elevation (site datum, from TOC): 896.19 (ft/msl)

Total Well Depth (from TOC): 676.0 (ft)

Water Column Height (well depth - DTW): 463.9 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hr:min)	WATER VOL (L / Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Liters / Gallons) circle one	PUMP/TUBING/WELL VOL PURGED (optional)
04/05/22	0811 8	0:01:6	1.10	6.4	6.40

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0811 6	21.11						
0811 8	START	1.00					400
0812 8	21.11	1.40	6.92	7.40	13.8		
0831	21.12	1.52	6.96	7.40	13.8		
0834	21.12	1.64	6.99	7.38	13.7	0.73	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L / Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	0834	1.64	6.99	7.38	13.7	0.73	400

Sample Appearance: clear

Odor: none

Color: none

Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-4 MPH SSE

Air Temp: 47°F

Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.17
ORP (mV) = -49.3

FIELD COMMENTS

Refill: 24 sec

Discharge: 6 sec @ 4/5 psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

04/05/22 — Date

Ryan Jones — Name

Signature

EAGON & ASSOCIATES, INC.

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: Duplicate - DMP #2

WELL DATA

Water-Level Date: (MM/DD/YY)

Water-Level Time:

Purge/Sample Method: LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) (ft/msl)

Depth to Water (DTW) (from TOC) (ft)

Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft)

Water Column Height (well depth - DTW) (ft)

Casing ID (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or µ (circle or fill in)

Purging Device / Sampling Device: A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X - Other

Pump Type (Vol): A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	TOTAL VOL PURGED (Liters : Gallons) circle one	PUMP/TUBING:WELL VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
	START	100					

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L / Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	0834	164	7.01	7410	13.7	0.918	400

Sample Appearance: clear Odor: none Color: none Other:

Weather Conditions (at sample time): Wind Speed / Direction: 0-4 MPH SSE Air Temp: 47°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.17

ORP (mV) = -49.7

FIELD COMMENTS

Duplicate - DMP #2 is an exact duplicate of container of well MP-406C. See FIF for well MP-406C for well & purge info

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 04/05/22 Name: Ryan James Signature:

EAGON & ASSOCIATES, INC.

V-200 (1/18)

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-281

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1120

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 913.53 (ft/msl)

Depth to Water (DTW) (from TOC): 17.72 (ft)

Groundwater Elevation (site datum, from TOC): 895.81 (ft/msl)

Total Well Depth (from TOC): 726.0 (ft)

Water Column Height (well depth - DTW): 548.8 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER/OIL (L or Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL. PURGED (Liters or Gallons) circle one	PUMP/TUBING/WELL VOLUME PURGED (optional)
04/05/22	0931	0020	09	80	222

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L or Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0923	17.59						
0931	START	100					400
0941	18.75	140	7.14	1123	13.8		
0946	18.80	160	7.14	1114	13.9		
0951	18.82	180	7.14	1112	13.9	17.3	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L or Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	0951	180	7.14	1112	13.9	17.3	400

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH SE Air Temp: 50°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.12

ORP (mV) = -60.6

FIELD COMMENTS

MP-281-MS MP-281-MSD

matrix spike + matrix spike duplicate collected at well MP-281

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

04/05/22 Date — Ryan Jones Name — Signature

EAGON & ASSOCIATES, INC.

4-NO 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-23SBR

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1014

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 914.84 (ft/msl)

Depth to Water (DTW) (from TOC): 15.12 (ft)

Groundwater Elevation (site datum, from TOC): 899.72 (ft/msl)

Total Well Depth (from TOC): 38.63 (ft)

Water Column Height (well depth - DTW): 23.51 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: —

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hr:min)	WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	TOTAL VOL PURGED (L : Gallons) circle one	PUMP/TUBING:WELL VOLS PURGED (optional)
04/05/22	0913:8	0:12:11	0.8	7.8	9.75

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0913:14	14.97	—	—	—	—	—	—
0913:8	START	0.0	—	—	—	—	400
0915:3	16.26	0.0	7.24	1.189	12.7	—	300
0915:6	16.30	0.9	7.24	1.191	12.6	—	
0915:9	16.39	7.8	7.23	1.198	12.6	0.66	↓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L : Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	0915:9	7.8	7.23	1.198	12.6	0.66	300

Sample Appearance: Clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: SE 4 mph Air Temp: 48°F Precipitation: (Y) or N

FIELD COMMENTS

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 4.63

ORP (mV) = 45.2

refill : 11sec → 0/0sec

discharge : 4sec @ 25psi → 4sec @ 25psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/5/22 Name: Ashley Gray Signature:

EAGON & ASSOCIATES, INC.

L-200-0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-23SCR

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1017

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 914.66 (ft/msl)

Depth to Water (DTW) (from TOC): 11.92 (ft)

Groundwater Elevation (site datum, from TOC): 902.74 (ft/msl)

Total Well Depth (from TOC): 27.90 (ft)

Water Column Height (well depth - DTW): 15.98 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (N) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: —

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (G: Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (G: Gallons) (circle one)	PUMP/TUBING/WELL VOLS PURGED (optional)
04/05/22	0911	0:11	06	68	3

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (G: Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
~~0849~~ 1119	11.86	—	—	—	—	—	—
0911	START	0	—	—	—	—	500
0911	11.82	5	7.11	1.806	12.2	—	200
0914	11.87	6	7.12	1.797	11.8	—	—
0917	11.87	6.2	7.12	1.802	11.5	—	—
0920	11.88	6.8	7.12	1.803	11.5	0.72	↓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (G: Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	0920	6.8	7.12	1.803	11.5	0.72	200

Sample Appearance: clear

Odor: none

Color: none

Other: —

Weather Conditions (at sample time): Wind Speed / Direction: SE 4 mph

Air Temp: 46°F

Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 5.06

ORP (mV) = 54.0

FIELD COMMENTS

refill - 9 sec → 26 sec

discharge - 10 sec @ 20 psi → 4 sec @ 20 psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/5/22

Name: Ainsley Gray

Signature:

EAGON ASSOCIATES, INC.

S-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: mp-23SR

WELL DATA

Water-Level Date: 014/014/22 (MM/DD/YY)

Water-Level Time: 1041

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 9484 (ft/msl)

Depth to Water (DTW) (from TOC): 16.70 (ft)

Groundwater Elevation (site datum, from TOC): 8908 (ft/msl)

Total Well Depth (from TOC): 7220 (ft)

Water Column Height (well depth - DTW): 5544 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ (circle or fill in)

Purging Device: C
Sampling Device: C

A-Submersible Pump
B-Peristaltic Pump
C-Bladder Pump
D-Bailer
E-Piston Pump
F-Dipper/Bottle
X - Other ____

Pump Type (Vol): B
A-P1200M (495 mL)
B-P1101M (395 mL)
C-P1150 (130 mL)
X-Other

Tubing ID (Vol/Ft): B
A-3/8 inch (22 mL/ft)
B-1/4 inch (10 mL/ft)
C-0.17 inch (4.5 mL/ft)
X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (lt : Gal) IN (FILTER/TUBING/WELL CASING) circle one of each	TOTAL VOL PURGED (lt : Gallons) circle one	# FILTER/TUBING/WELL VOLS PURGED (optional)
014/015/22	0812	0:01:19	10	67	67

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (lt / Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0811	11.67.18	—	—	—	—	—	—
0812	START	100	—	—	—	—	400
0813	11.83.13	140	7.43	1172.6	12.9	—	300
0814	11.82.1	49	7.41	1175.4	12.7	—	—
0817	11.81.8	58	7.38	1179.5	12.7	—	—
0840	11.81.8	67	7.37	1178.7	12.7	0.719	↓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (lt / Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
014/015/22	0840	67	7.37	1178.7	12.7	0.719	300

Sample Appearance: Clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: E 4mph Air Temp: 45°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.21

ORP (mV) = -9.2

FIELD COMMENTS

refill · 10 sec → 15 sec

discharge · 5 sec @ 40 psi → 5 sec @ 40 psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/5/22 Name: Robert Gray Signature: [signature]

EAGON & ASSOCIATES, INC.

S-200-0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-238R

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1203

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 9153.1 (ft/msl)

Depth to Water (DTW) (from TOC): 16.90 (ft)

Groundwater Elevation (site datum, from TOC): 894.1 (ft/msl)

Total Well Depth (from TOC): 61.50 (ft)

Water Column Height (well depth - DTW): 44.60 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL. (Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Gal.) (circle one)	# PUMP/TUBING/WELL VOLS PURGED (optional)
04/05/22	1013:19	00:20	10	66	6.60

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1013:15	11.68:7	—	—	—	—	—	—
1013:19	START	100	—	—	—	—	500
1014:19	—	150	—	—	—	—	100
1015:19	11.89:0	160	7.44	9.68	13.0	—	—
1101:2	11.89:7	163	7.44	9.66	13.0	—	—
1101:5	11.90:4	166	7.45	9.65	13.0	11.51	—

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1101:5	166	7.45	9.65	13.0	11.51	100

Sample Appearance: Clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: SE 4mph Air Temp: 48°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.34

ORP (mV) = 13.7

FIELD COMMENTS

Samples Collected:

DMP VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/5/22 — Date

Robert Gray — Name

Signature

EAGON & ASSOCIATES, INC.

V-206 04/18

FIELD INFORMATION FORM

Site Name: CECOS – Aber Rd

Sample Point: MP-401A

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0910

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 906.37 (ft/msl)

Depth to Water (DTW) (from TOC): 10.92 (ft)

Groundwater Elevation (site datum, from TOC): 895.45 (ft/msl)

Total Well Depth (from TOC): 118.50 (ft)

Water Column Height (well depth - DTW): 107.58 (ft)

Casing ID: Ø2 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: Y or (N) 0.45µ or — µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): ~~B~~ C — A-P1200M (495 mL), B-P1101M (295 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): ~~B~~ C — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hr:min)	WATER VOL (Gal) IN (PURGING EQUIPMENT / WELL CASING) circle one of each	TOTAL VOL PURGED (Liters / Gallons) circle one	TEMPERATURE OF VOLS PURGED (optional)
04/05/22	0912	01:18	02	72	

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0910	10.77						
0912	START	100					400
0913	10.89	140	6.88	1174	11.8		
0916	10.92	156	6.86	1189	11.8		
0910	10.92	172	6.86	1201	11.8	11.7	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L / Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	0910	172	6.86	1201	11.8	11.7	400

Sample Appearance: Clear Odor: None Color: None Other: —

Weather Conditions (at sample time): Wind Speed / Direction: ~5-10 mph / SW Air Temp: ~50°F Precipitation (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.19
ORP (mV) = +47.8

FIELD COMMENTS

SAMPLES COLLECTED!
DMP VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols.

4/5/22 — Date
Andrew D. Graham — Name
Signature

EAGON & ASSOCIATES, INC.

EA-200.0418

FIELD INFORMATION FORM

Site Name: CECOS – Aber Rd

Sample Point: MP 401B

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0910

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 906.56 (ft/msl)

Depth to Water (DTW) (from TOC): 7.45 (ft)

Groundwater Elevation (site datum, from TOC): 899.11 (ft/msl)

Total Well Depth (from TOC): 32.00 (ft)

Water Column Height (well depth - DTW): 24.55 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: Y or (N) 0.45µ or — µ (circle or fill in)

Purging Device: C — ~~A-Submersible Pump~~ ~~B-Peristaltic Pump~~ ~~C-Bladder Pump~~ D-Bailer E-Piston Pump F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL) B-P1101M (995 mL) C-P1150 (130 mL) X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft) B-1/4 inch (10 mL/ft) C-0.17 inch (4.5 mL/ft) X-Other

X - Other: —

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Liters/Gal) IN (CONVEYANCE/WELL CASING) circle one of each	TOTAL VOL PURGED (Liters/Gallons) circle one	CONVEYANCE/WELL VOLS PURGED (optional)
04/05/22	0958	10:18	07	72	1.03

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L/Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
0957	7.30						
0958	START	100					400
1008	7.35	40	7.02	1.19	13.3	—	
1012	7.34	56	7.02	1.19	13.4	—	
1016	7.34	72	7.02	1.19	13.4	3.68	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1016	72	7.02	1.19	13.4	3.68	400

FIELD COMMENTS

Sample Appearance: Clear Odor: None Color: None Other: —

Weather Conditions (at sample time): Wind Speed / Direction: ~5 mph / SW Air Temp: ~55°F Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.29
ORP (mV) = −46.9

Samples Collected:
DMP VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/5/22 Name: Andrew D. Graham Signature:

EAGON & ASSOCIATES, INC.

EA-200 04/18

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-408

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1107

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 916.41 (ft/msl)

Depth to Water (DTW) (from TOC): 21.32 (ft)

Groundwater Elevation (site datum, from TOC): 895.09 (ft/msl)

Total Well Depth (from TOC): 115.00 (ft)

Water Column Height (well depth - DTW): 93.68 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N 0.45µ or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (32 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L: Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	TOTAL VOL PURGED (Liters : Gallons) circle one	PUMP/TUBING:WELL VOLS PURGED (optional)
04/05/22	1515	00:16	15	12 G	7.4 / 6.3

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L: Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1514	21.06	T	T	T	T	T	T
1515	START	0	T	T	T	T	500
1610	28.42	10.8 G	7.19	4002	14.1	T	200
1613	28.00	18.6 G	7.19	3967	13.8	T	
1616	27.82	19.2 G	7.19	3959	13.7	45.2	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L: Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1616	19.2	7.19	3959	13.7	45.2	200

Sample Appearance: cloudy Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: ESE 7 mph Air Temp: 54°F Precipitation (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.07 mg/L

ORP (mV) = -68.6 mV

FIELD COMMENTS

Samples and purge water effluent scent

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols.

Date: 4/5/22 Name: Shamen Garry Signature: [signature]

EAGON & ASSOCIATES, INC.

1-200-0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-280

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 9:56

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 912.49 (ft/msl)

Depth to Water (DTW) (from TOC): 13.89 (ft)

Groundwater Elevation (site datum, from TOC): 898.60 (ft/msl)

Total Well Depth (from TOC): 107.40 (ft)

Water Column Height (well depth - DTW): 93.51 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N 0.45µ or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	TOTAL VOL PURGED (Liters : Gallons) circle one	TIMES THROUGH WELL VOLS PURGED (optional)
04/05/22	11:55	00:26	14	106	7.57

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L, Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1651	13.85	—	—	—	—	—	—
1658	START	100	—	—	—	—	500
1715	26.00	100	7.66	1143.5	13.1	—	100
1718	26.14	103	7.65	1143.0	13.0	—	—
1721	26.08	106	7.65	1142.4	12.8	15.0	NI

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L, Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1721	106	7.65	1142.4	12.8	15.0	100

Sample Appearance: Clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: E 6 mph Air Temp: 53°F Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.11 mg/L
ORP (mV) = -150.4 mV

FIELD COMMENTS

Sample and purge water effervescent

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/5/22 — Date

Shannon Gainey — Name

Signature

EAGON ENVIRONMENTAL, INC.

V-200 04/18

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-210AR

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1012

Purge/Sample Method: Dry
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 912.83 (ft/msl)

Depth to Water (DTW) (from TOC): 4.12 (ft)

Groundwater Elevation (site datum, from TOC): 908.71 (ft/msl)

Total Well Depth (from TOC): 429.0 (ft)

Water Column Height (well depth - DTW): 38.78 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45) or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: —

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L, Gallon) (PUMP/TUBING/WELL CASING) circle one of these	TOTAL VOL PURGED (Liters, Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
04/04/22	1711	0137	253	325	128

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L, Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1712	4.13						
1714	START	00					
1851	DRY	325					
04/05/22	SAMPLE						
1452	2564	325	7.16	826	13.1	4.52	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L, Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1452	325	7.16	826	13.1	4.52	

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-8 MPH E Air Temp: 54°F Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 3.30
ORP (mV) = +62.6

FIELD COMMENTS

42.90' - 4.13' = 38.77' x 0.652 = 25.28 gals x 3 = 75.84 gals

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

04/05/22 Date — Ryan Jones Name — Signature

EAGON & ASSOCIATES, INC.

W-200 04/11

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-206AR

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1058

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 916.73 (ft/msl)

Depth to Water (DTW) (from TOC): 7.80 (ft)

Groundwater Elevation (site datum, from TOC): 908.93 (ft/msl)

Total Well Depth (from TOC): 29.90 (ft)

Water Column Height (well depth - DTW): 22.10 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L, Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	TOTAL VOL PURGED (Liters/Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
04/05/22	1531	0:16	07	48	6.85

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L, Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1528	7.58						
1531	START	00					300
1541	7.59	30	6.99	2651	12.3		
1544	7.59	39	6.99	2650	12.3		
1547	7.59	48	6.98	2651	12.3	0.82	V

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L, Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1547	48	6.98	2651	12.3	0.82	300

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-6 MPH ESE Air Temp: 54°F Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 3.52
ORP (mV) = +64.7

FIELD COMMENTS

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

04/05/22 — Date
Ryan Jones — Name
Signature

EAGON & ASSOCIATES, INC.

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: Field Blank DMP #1

WELL DATA

Water-Level Date: (MM/DD/YY) | Water-Level Time: | Purge/Sample Method: LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC) (ft/msl) | Depth to Water (DTW) (from TOC) (ft) | Groundwater Elevation (site datum, from TOC) (ft/msl)

Total Well Depth (from TOC) (ft) | Water Column Height (well depth - DTW) (ft) | Casing ID (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N | Filter Device: Y or N 0.45µ or µ (circle or fill in)

Purging Device | Sampling Device: A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

X - Other

Pump Type (Vol): A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L : Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	TOTAL VOL PURGED (Liters : Gallons) circle one	PUMP/TUBING:WELL VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L : Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
	START	00					

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (Lit/Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04 05 22	1620	—	7.23	1.184	17.1	0.89	—

Sample Appearance: Clear | Odor: None | Color: None | Other: —

Weather Conditions (at sample time): Wind Speed / Direction: ND-Smith / SW | Air Temp: ~ 55°F | Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = — ORP (mV) = —

FIELD COMMENTS

Sample collected by pouring lab supplied water directly into sample containers near storage building.

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/5/22 Date | Andrew D. Graham Name | Signature

EAGON & ASSOCIATES, INC.

EA 200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-277A

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1052

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 915.24 (ft/msl)

Depth to Water (DTW) (from TOC): 16.51 (ft)

Groundwater Elevation (site datum, from TOC): 908.73 (ft/msl)

Total Well Depth (from TOC): 47.30 (ft)

Water Column Height (well depth - DTW): 30.79 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L / Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	TOTAL VOL PURGED (Liters / Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
04/05/22	1622	00:26	08	92	1.15

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1620	16.32						
1622	START	00					400
1642	18.35	80	6.96	1371	12.8		200
1645	18.34	86	6.97	1367	12.5		
1648	18.32	92	6.97	1369	12.4	3.21	↓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L / Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1648	92	6.97	1369	12.4	3.21	200

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-7 MPH E Air Temp: 53°F Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.11
ORP (mV) = -47.5

FIELD COMMENTS

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols

04/05/22 Date — Ryan Jones Name — Signature

EAGON & ASSOCIATES, INC.

A-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-231AR

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 1045

Purge/Sample Method: LF
LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric

Well Elevation (at TOC): 9153 (ft/msl)

Depth to Water (DTW) (from TOC): 920 (ft)

Groundwater Elevation (site datum, from TOC): 9065.3 (ft/msl)

Total Well Depth (from TOC): 3060 (ft)

Water Column Height (well depth - DTW): 2140 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (195 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: —

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L / Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	TOTAL VOL PURGED (Liters / Gallons) circle one	PUMP/TUBING/WELL VOLS PURGED (optional)
04/05/22	1721	00:16	07	68	9.7:1

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L / Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1719	883						
1721	START	00					500
1731	964	50	742	2598	133		300
1734	956	59	739	2606	132		↓
1737	951	68	735	2614	132	826	↓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L / Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1737	68	735	2614	132	826	300

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: 0-5 MPH E Air Temp: 53°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.73
ORP (mV) = -23.5

FIELD COMMENTS

SAMPLES COLLECTED:
DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

04/05/22 — Date
Ryan Jones — Name
Signature

EAGON & ASSOCIATES, INC.

L-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-250A

WELL DATA

Water-Level Date: 014/015/212 (MM/DD/YY)

Water-Level Time: 0903

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 910.24 (ft/msl)

Depth to Water (DTW) (from TOC): 10.80 (ft)

Groundwater Elevation (site datum, from TOC): 899.44 (ft/msl)

Total Well Depth (from TOC): 40.40 (ft)

Water Column Height (well depth - DTW): 29.60 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: ____

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L or Gal) IN (circle one of each)	TOTAL VOL PURGED (circle one)	# WELL VOLS PURGED (optional)
014/015/212	1214	0:20	08	80	10.40

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L or Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1214 (3)	10.79 (3)						
1214	START	00					410
1215	10.82 (6)	40	7.03	1216	12.9		
1219	10.82	60	7.02	1215	12.9		
1310	10.83	80	7.03	1211	12.8	13.05	✓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L or Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
014/015/212	1310	80	7.03	1211	12.9	13.05	410

Sample Appearance: Clear

Odor: none

Color: None

Other: —

Weather Conditions (at sample time): Wind Speed / Direction: ESE 5mph

Air Temp: 52°F

Precipitation: (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.13

ORP (mV) = 5.3

FIELD COMMENTS

Samples Collected:

DMP VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/5/22

Name: Andrew Gray

Signature

EAGON & ASSOCIATES, INC.

V-200 (9/18)

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: mp-250

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0900

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 1007 (ft/msl)

Depth to Water (DTW) (from TOC): 110 (ft)

Groundwater Elevation (site datum, from TOC): 894.7 (ft/msl)

Total Well Depth (from TOC): 579.0 (ft)

Water Column Height (well depth - DTW): 463.0 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45 or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L: Gal) IN (PUMP/TUBING/WELL CASING) (circle one of each)	TOTAL VOL PURGED (L: Gallons) (circle one)	NUMBER OF WELL VOLS PURGED (optional)
04/05/22	1328	00:10	09	80	8.8

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L: Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1325	1162	—	—	—	—	—	—
1328	START	00	—	—	—	—	500
1330	1162	50	7.25	9.49	13.0	—	300
1343	1162	65	7.25	9.48	12.8	—	↓
1348	1162	80	7.25	9.41	12.7	0.60	↓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L: Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1348	80	7.25	9.41	12.7	0.60	300

Sample Appearance: clear

Odor: none

Color: none

Other: —

Weather Conditions (at sample time): Wind Speed / Direction: E 5 mph

Air Temp: 52°F

Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.21

ORP (mV) = 11.9

FIELD COMMENTS

refill : 09 sec → 15 sec

discharge : 6 sec @ 35 psi → 5 sec @ 35 psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols.

4/5/22 Date — Andrew Gray Name — Signature

EAGON & ASSOCIATES, INC.

V-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-244R

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0856

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 907.3 (ft/msl)

Depth to Water (DTW) (from TOC): 11.25 (ft)

Groundwater Elevation (site datum, from TOC): 894.8 (ft/msl)

Total Well Depth (from TOC): 67.20 (ft)

Water Column Height (well depth - DTW): 55.95 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

Pump Type (Vol): B — A-P1200M (895 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

X - Other: ____

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Y): Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL. PURGED (Gallons) circle one	REMP TUBING WELL VOL PURGED (optional)
04/05/22	1424	0012	10	74	740

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (Y): Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1421	11.32						
1424	START	100					500
1434	1259	50	7.57	1348	13.4		200
1438	1259	58	7.60	1338	13.2		
1442	1254	1016	7.68	1335	12.8		
1444	1248	174	7.65	1341	12.8	1.03	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (Y): Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1444	174	7.65	1341	12.8	1.03	200

Sample Appearance: clear Odor: none Color: none Other: ____

Weather Conditions (at sample time): Wind Speed / Direction: 6 mph Air Temp: 54°F Precipitation (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.30

ORP (mV) = -45.8

FIELD COMMENTS

+ mild HCl effervescent

R 10 sec → 20 sec

D 5 @ 40 psi → 4 sec @ 40 psi

SAMPLES COLLECTED!

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols.

4/5/22 — Date

Andrew Grow — Name

Signature

EAGON & ASSOCIATES, INC.

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-244ARR

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0853

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 909.82 (ft/msl)

Depth to Water (DTW) (from TOC): 14.45 (ft)

Groundwater Elevation (site datum, from TOC): 895.37 (ft/msl)

Total Well Depth (from TOC): 27.80 (ft)

Water Column Height (well depth - DTW): 13.35 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? (Y) or N

Filter Device: (Y) or N (0.45µ) or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: ____

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hr:min)	WATER VOL (Gal) IN PUMP/TUBING/WELL CASING (circle one of each)	TOTAL VOL PURGED (Gallons) circle one	# TIMES TUBING/WELL VOLS PURGED (optional)
04/04/22	1511	00:18	06	74	123

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (Gals)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1514	14.22						
1516	START	100					500
1526	14.81	150	7.46	1154	12.9		300
1530	14.73	162	7.44	1154	12.7		
1534	14.65	174	7.42	1155	12.7	80.4	

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (Gals)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/04/22	1534	174	7.42	1155	12.7	80.4	300

Sample Appearance: Clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: E 6 mph Air Temp: 55°F Precipitation (Y) or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.24

ORP (mV) = 0.6

FIELD COMMENTS

R: 11 → 10

D: 54 @ 20 → 5 → 15 psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/12/22 — Date; Nancy Gray — Name; Signature

EAGON & ASSOCIATES, INC.

A-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-407

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 09:50

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 910.31 (ft/msl)

Depth to Water (DTW) (from TOC): 14.12 (ft)

Groundwater Elevation (site datum, from TOC): 896.19 (ft/msl)

Total Well Depth (from TOC): 81.70 (ft)

Water Column Height (well depth - DTW): 67.58 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45µ or _____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, ~~B-Peristaltic Pump~~, ~~C-Bladder Pump~~, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (455 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Gal) IN PUMP/FLOWCELL/CASING (circle one of each)	TOTAL VOL PURGED (Liters/Gallons) circle one	PURGE VOLS WELL VOLS PURGED (optional)
04/05/22	1161 14	01:20	12	1000 / 910	5.40

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L/Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1161 12	113.94	—	—	—	—	—	—
1161 14	START	100	—	—	—	—	400
1162 14	117.59	140	7.47	1945	13.6	—	200
1162 19	117.30	150	7.48	1955	13.3	—	—
1163 14	117.02	160	7.47	1919.6	13.2	17.3	↓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L/Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1163 14	160	7.47	1919.6	13.2	17.3	200

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: ESE 4 mph Air Temp: 55°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 0.07

ORP (mV) = -143.0

FIELD COMMENTS

• effervescent sample.

R: 12 sec → 27 sec

D: 3 sec @ 100 psi → 3 sec @ 100 psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 4/5/22 Name: Amber Gray Signature:

EAGON & ASSOCIATES, INC.

1-200 0418

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-232A

WELL DATA

Water-Level Date: 04/04/22 (MM/DD/YY)

Water-Level Time: 0955

Purge/Sample Method: LF (LF = Low Flow MP = Minimum Purge Dry = Dry V = Volumetric)

Well Elevation (at TOC): 909.75 (ft/msl)

Depth to Water (DTW) (from TOC): 14.30 (ft)

Groundwater Elevation (site datum, from TOC): 894.45 (ft/msl)

Total Well Depth (from TOC): 35.70 (ft)

Water Column Height (well depth - DTW): 21.40 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Is Purging and Sampling Equipment Dedicated? Y or N

Filter Device: Y or N 0.45 or ____ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X - Other: —

Pump Type (Vol): B — A-P1200M (495 mL), B-P1101M (395 mL), C-P1150 (130 mL), X-Other

Tubing ID (Vol/Ft): B — A-3/8 inch (22 mL/ft), B-1/4 inch (10 mL/ft), C-0.17 inch (4.5 mL/ft), X-Other

PURGE INFO

PURGE DATE (MM/DD/YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	TOTAL VOL PURGED (Liters/Gallons) circle one	PURGE THROUGH WELL VOLS PURGED (optional)
04/05/22	1708	01:20	07	80	1.4

STABILIZATION DATA

Time (2400 Hr. Clock)	DTW (ft)	Vol. Purged (L/Gal)	pH (S.U.)	Spec. Conductance (µmhos/cm)	Temperature (°C)	Turbidity (NTU)	Rate (mL/min)
1703	13.97	—	—	—	—	—	—
1708	START	00	—	—	—	—	400
1722	14.03	56	7.22	1350	13.4	—	
1725	14.63	68	7.19	1330	13.4	—	
1728	14.03	80	7.16	1338	13.4	058	↓

FIELD DATA

SAMPLE DATE (MM/DD/YY)	SAMPLE TIME (2400 Hr. Clock)	VOL. PURGED (L/Gal)	pH (S.U.)	SPEC. CONDUCTANCE (µmhos/cm)	TEMPERATURE (°C)	TURBIDITY (NTU)	RATE (mL/min)
04/05/22	1728	80	7.16	1338	13.4	058	400

FIELD COMMENTS

Sample Appearance: clear Odor: none Color: none Other: —

Weather Conditions (at sample time): Wind Speed / Direction: ESE 4 mph Air Temp: 55°F Precipitation: Y or N

Comments (including purge/well volume calculations if required): D.O. (mg/L) = 2.75

ORP (mV) = -1.8

C: 11 sec

D: 4 sec @ 20psi

SAMPLES COLLECTED:

DMP VOCs, DISS. METALS, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

4/5/22 — Date

Aubrey Gray — Name

Signature

EAGON & ASSOCIATES, INC.

A-200 04/18

FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility* Sampler(s): S. Garvey

pH Meter(s): Make/Model/Serial No: In-Situ Smartrol 400 / 844304

Buffer Brand/Expiration: pH 4 WHITE OAK / 10-24-23; pH 7 WHITE OAK / 9-24-23; pH 10 WHITE OAK / 4-17-23

Date	Time	Calibrate/Check	pH 4 Buffer Result (S.U.)	pH 7 Buffer Result (S.U.)	pH 10 Buffer Result (S.U.)	Temp. of Cal. Soln' (°C)
4/5/22	1245	Calibrate	4.00	7.03	10.09	16.51
4/6/22	740	calibrate	4.01	7.04	10.08	16.65

Conductivity/Temp. Meter(s): Make/Model/Serial No: In-Situ Smartrol 400 / 844304

Cond. Solution Brand/Expiration: WHITE OAK / 9-9-22 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (µmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
4/5/22	1240	Calibrate	1412.9	16.58	
4/6/22	739	Calibrate	1419	16.66	

Turbidity Meter(s): Make/Model/Serial No.: HACH 2100 Q SN: 16080C051639

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
4/5/22	1214	Check	557	560	
4/6/22	740	Check	557	556	

Sampler (Name): Shane Garvey Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

FIELD METER CALIBRATION RECORD

Project Name: *CECOS - Aber Rd Facility* Sampler(s): S. Garvey

D.O. Meter(s): Make/Model/Serial No: In-Situ Smartroll 400 / 844304

Zero-O_2 Solution Brand/Expiration: WHITE CAP / NA

Date	Time	Calibrate/Check	Calibration Media	H_2O-Saturated Air Result (%:mg/l)	Zero-O_2 Result (mg/l)	Temp. (°C)
4/5/22	1234	Calibrate	H_2O sat air	100.2 : 9.71	0.19	16.24
4/6/22	718	Calibrate	H_2O Sat air	100 : 8.51	0.28	16.92

O.R.P. Meter(s): Make/Model/Serial No: In-Situ Smartroll 400 / 844304

Solution Brand/Expiration: HORIBA / NA Solution Value (@ 25 °C): +89

Date	Time	Calibrate/Check	ORP Standard @ Temp. (mV)	ORP Result (millivolts)	Temp. of Solution (°C)	Notes:
4/5/22	1255	Calibrate	+100	+99.7	16.80	
4/6/22	747	Calibrate	+100	+99.6	16.85	

Other Meter(s): Make/Model/Serial No.:

Date	Time	Calibrate/Check			Notes:

Sampler (Name): Shane Garvey Sampler (Signature):

Sampler (Name): Sampler (Signature):

F:\ExcelFiles\CECOS\fieldmeterformDO.ORP

FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility* Sampler(s): Abbey Gray

pH Meter(s): Make/Model/Serial No: In-Situ Aquatrol 400 / 807524

Buffer Brand/Expiration: pH 4 white oak / 10-24-23 ; pH 7 White Oak / 9-24-23 ; pH 10 White Oak / 4-17-23

Date	Time	Calibrate/Check	pH 4 Buffer Result (S.U.)	pH 7 Buffer Result (S.U.)	pH 10 Buffer Result (S.U.)	Temp. of Cal. Soln' (°C)
4/4/22	1219	Calibrate	4.01	7.05	10.06	13.44
4/5/22	0747	calibrate	4.00	7.02	10.02	15.43
4/5/22	1212	check	—	7.06	—	16.54
4/6/22	0726	calibrate	4.07	7.08	10.05	17.30

Conductivity/Temp. Meter(s): Make/Model/Serial No: Aquafall 400 / 807524

Cond. Solution Brand/Expiration: White Oak / 9-9-22 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (µmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
4/4/22	1155	calibrate	1420	13.71	
4/5/22	0736	calibrate	1410	15.65	
4/5/22	1213	check	1414	16.54	
4/6/22	0724	calibrate	1411	17.08	

Turbidity Meter(s): Make/Model/Serial No.: Hach / 2100Q / 18070C067769

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
4/4/22	1233	Check	612	613	
4/5/22	0717	check	612	634	
4/5/22	1215	check	612	631	
4/6/22	0713	check	612	627	

Sampler (Name): ~~[illegible]~~ Abbey Gray Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

F:\ExcelFiles\CECOS\fieldmeterform pH Cond

FIELD METER CALIBRATION RECORD

Project Name: *CECOS - Aber Rd Facility* Sampler(s): Abbey Gray

D.O. Meter(s): Make/Model/Serial No: In Situ Aquatrol 400 / 807524

Zero-O_2 Solution Brand/Expiration: white Oak / NA

Date	Time	Calibrate/Check	Calibration Media	H_2O-Saturated Air Result (%:mg/l)	Zero-O_2 Result (mg/l)	Temp. (°C)
4/4/22	1115	Calibrate	H_2O sat. air	100.2 : 9.93	0.10	15.83
4/5/22	0723	Calibrate	H_2O sat air	100.6 : 9.77	0.23	15.06
4/6/22	0718	calibrate	H_2O sat air	99.05 : 9.31	0.20	16.86

O.R.P. Meter(s): Make/Model/Serial No: In Situ Aquatrol 400 / 807524

Solution Brand/Expiration: Horiba / NA Solution Value (@ 25 °C): ~~+95~~ +89

Date	Time	Calibrate/Check	ORP Standard @ Temp. (mV)	ORP Result (millivolts)	Temp. of Solution (°C)	Notes:
4/4/22	1231	Calibrate	+101	+100.8	14.59	
4/5/22	0753	calibrate	+101	+101.0	14.96	
4/6/22	0736	calibrate	+102	+102.2	16.94	

Other Meter(s): Make/Model/Serial No.:

Date	Time	Calibrate/Check			Notes:

Sampler (Name): Abbey Gray Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility* Sampler(s): A. GRAHAM

pH Meter(s): Make/Model/Serial No: In-Situ Smartrol 400 / 734727

Buffer Brand/Expiration: pH 4 white oak / 10-24-23 ; pH 7 white oak / 9-24-23 ; pH 10 white oak / 4-17-23

Date	Time	Calibrate/Check	pH 4 Buffer Result (S.U.)	pH 7 Buffer Result (S.U.)	pH 10 Buffer Result (S.U.)	Temp. of Cal. Soln' (°C)
4/4/22	1206	calibrate	4.02	7.06	10.09	13.49
4/5/22	0745	calibrate	3.99	7.02	10.06	15.43
4/6/22	7:30	Calibrate	3.97	7.03	10.08	17.3

Conductivity/Temp. Meter(s): Make/Model/Serial No: In-Situ Smartrol 400 / 734727

Cond. Solution Brand/Expiration: White Oak / 9-9-22 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (µmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
4/4/22	1159	Calibrate	1410	13.67	
4/5/22	0734	calibrate	1410	15.45	
4/6/22	7:22	Calibrate	1413	17.3	

Turbidity Meter(s): Make/Model/Serial No.: HACH 2100Q / 14110C037175

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
4/4/22	1301	Check	5.08	5.13	
4/5/22	0759	check	5.08	5.13	
4/6/22	7:15	check	6.48	6.60	

Sampler (Name): Andrew D. Graham Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

FIELD METER CALIBRATION RECORD

Project Name: *CECOS - Aber Rd Facility* Sampler(s): A. Graham

D.O. Meter(s): Make/Model/Serial No: In-Situ Smartroll 400 / 734727

Zero-O_2 Solution Brand/Expiration: white oak / NA

Date	Time	Calibrate/Check	Calibration Media	H_2O-Saturated Air Result (%:mg/l)	Zero-O_2 Result (mg/l)	Temp. (°C)
4/4/22	1113	Calibrate	H_2O sat air	100.6 : 9.91	0.07	15.57
4/5/22	0723	calibrate	H_2O sat air	100.2 : 9.98	0.23	15.38
4/6/22	7:21	Calibrate	H_2O Sat air	99.91 : 9.27	0.22	17.4

O.R.P. Meter(s): Make/Model/Serial No: In-Situ Smartroll 400 / 734727

Solution Brand/Expiration: Horiba / NA Solution Value (@ 25 °C): +89

Date	Time	Calibrate/Check	ORP Standard @ Temp. (mV)	ORP Result (millivolts)	Temp. of Solution (°C)	Notes:
4/4/22	1223	Calibrate	+101	+101.2	14.98	
4/5/22	0750	Calibrate	+101	+101.1	15.02	
4/6/22	7:34	Calibrate	+102	+101.9	16.92	

Other Meter(s): Make/Model/Serial No.:

Date	Time	Calibrate/Check			Notes:

Sampler (Name): Andrew D. Graham Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

APPENDIX B.

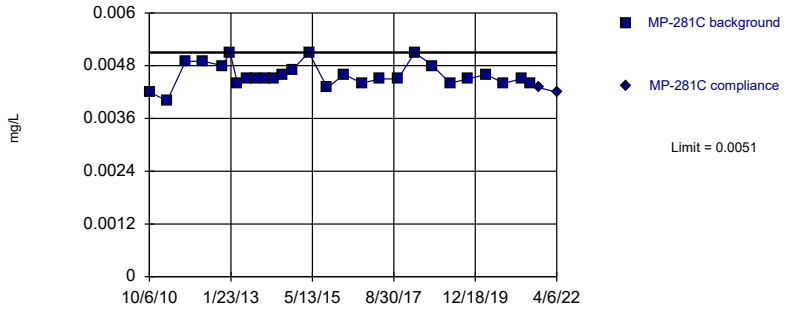
2022 FIRST SEMIANNUAL STATISTICAL ANALYSIS RESULTS
CHANNEL SAND AND BTI WELLS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004581, Std. Dev.=0.0002704, n=27. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9259, critical = 0.894. Kappa = 1.738 (c=8, w=2, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287.

Constituent: Arsenic Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

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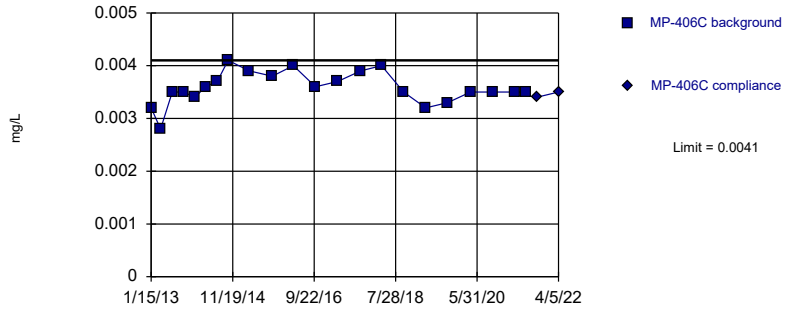
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.003577, Std. Dev.=0.0003054, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9508, critical = 0.878. Kappa = 1.786 (c=8, w=2, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287.

Constituent: Arsenic Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

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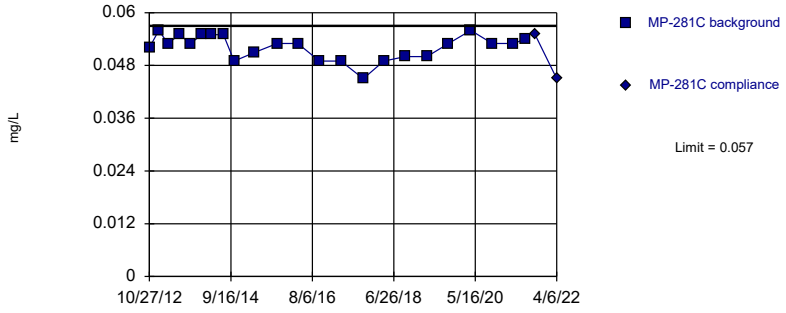
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05222, Std. Dev.=0.002795, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9171, critical = 0.881. Kappa = 1.774 (c=8, w=2, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287.

Constituent: Barium Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

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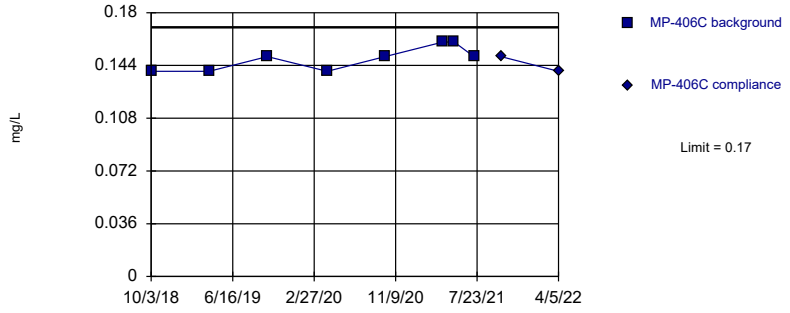
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1488, Std. Dev.=0.008345, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8349, critical = 0.749. Kappa = 2.312 (c=8, w=2, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287.

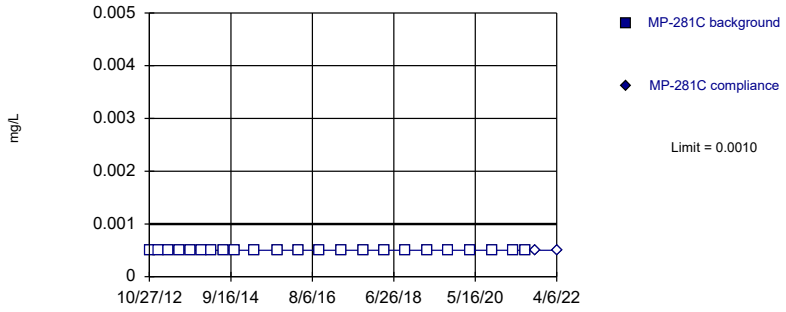
Constituent: Barium Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



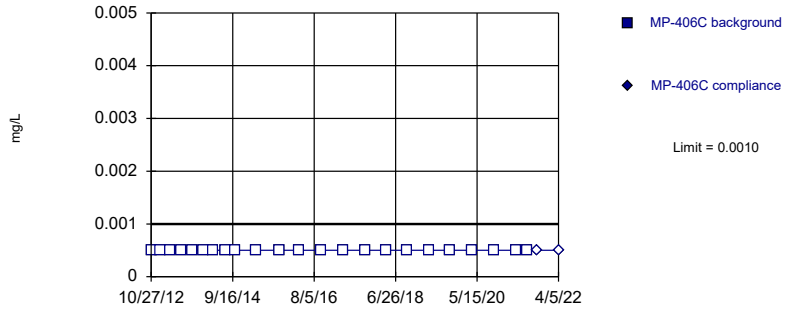
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



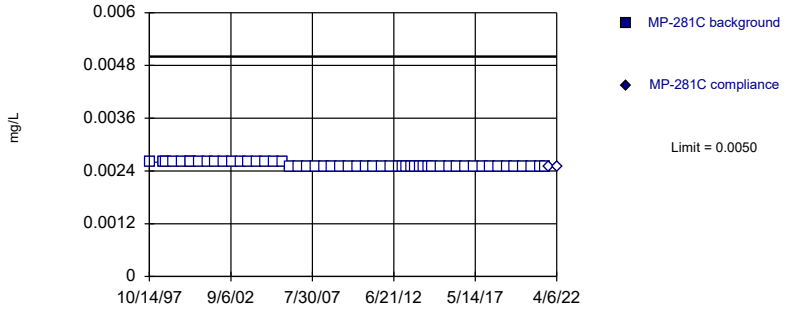
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



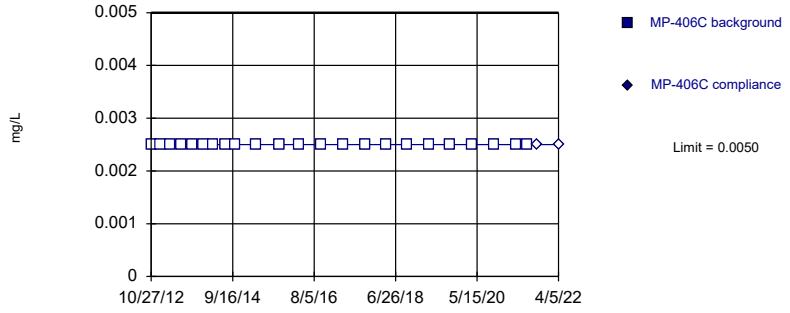
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 54) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001325. Individual comparison alpha = 0.0006629 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



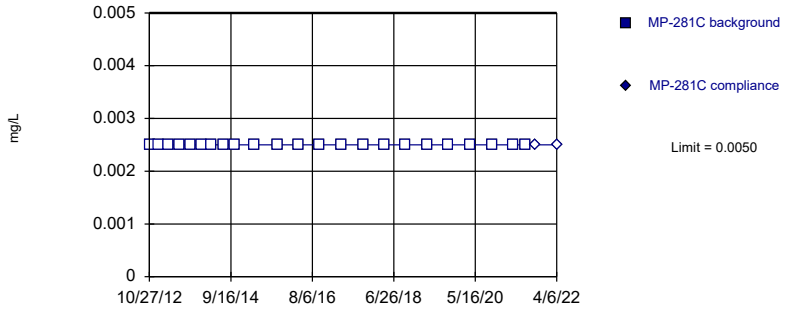
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



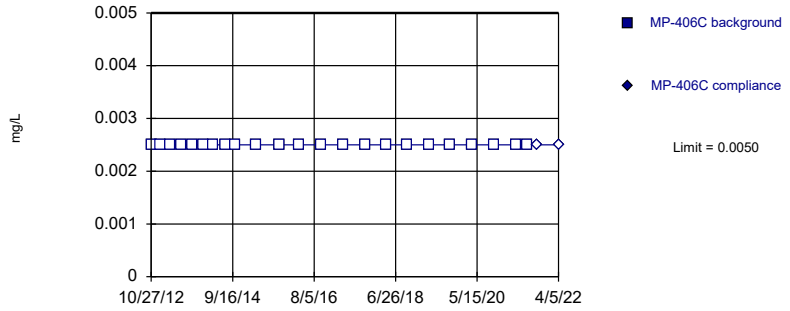
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



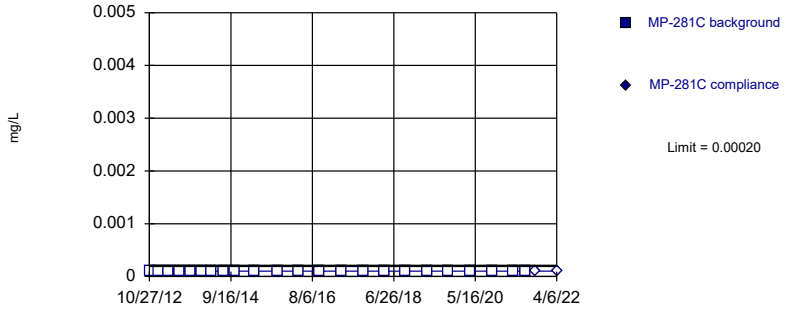
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Lead Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



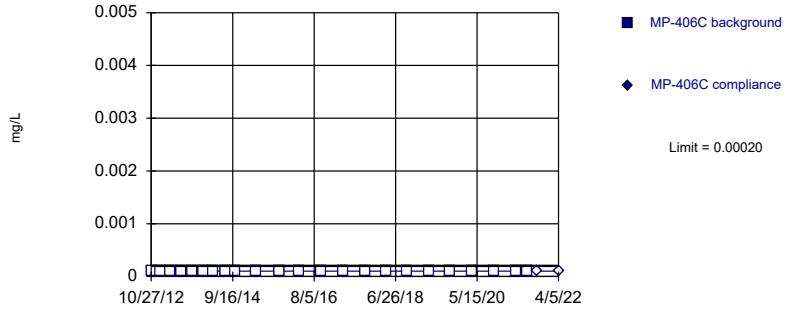
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Mercury Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



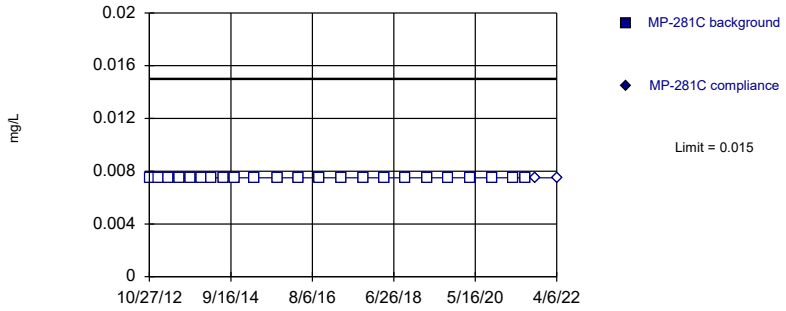
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Mercury Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Selenium Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

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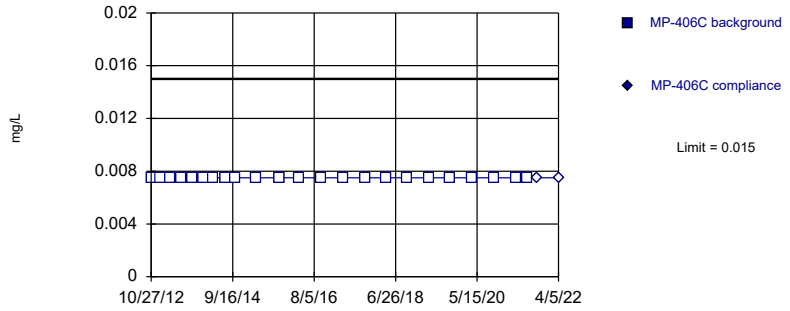
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



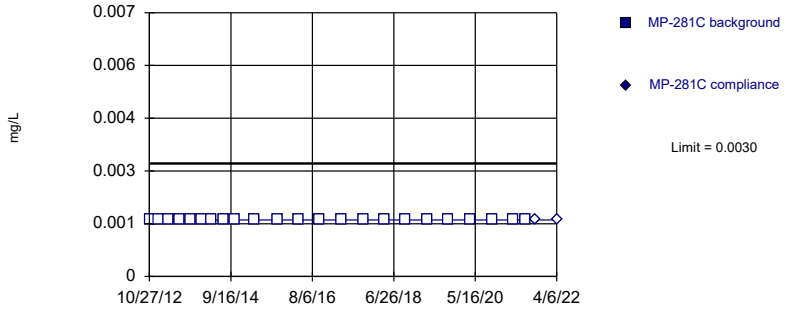
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Selenium Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



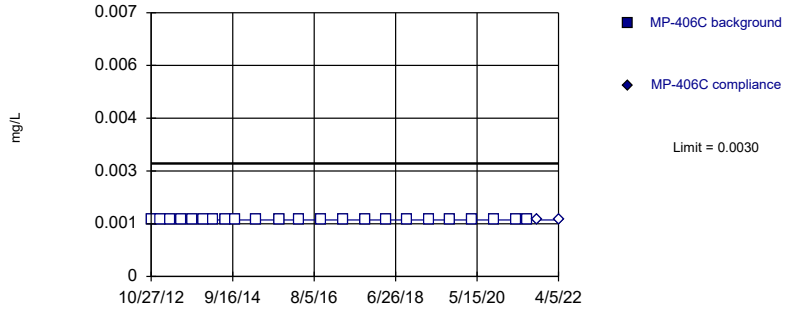
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Silver Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Silver Dissolved Analysis Run 5/12/2022 12:04 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Prediction Limit

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS Printed 5/12/2022, 12:06 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Method
Arsenic Dissolved (mg/L)	MP-281C	0.0051	4/6/2022	0.0042	No	27	0.004581	0.0002704	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-406C	0.0041	4/5/2022	0.0035	No	22	0.003577	0.0003054	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-281C	0.057	4/6/2022	0.045	No	23	0.05222	0.002795	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-406C	0.17	4/5/2022	0.14	No	8	0.1488	0.008345	0	None	No	Param Intra 1 of 2
Cadmium Dissolved (mg/L)	MP-281C	0.0010	4/6/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-406C	0.0010	4/5/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-281C	0.0050	4/6/2022	0.0025ND	No	54	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-406C	0.0050	4/5/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-281C	0.0050	4/6/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-406C	0.0050	4/5/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-281C	0.00020	4/6/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-406C	0.00020	4/5/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-281C	0.015	4/6/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-406C	0.015	4/5/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-281C	0.0030	4/6/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-406C	0.0030	4/5/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2

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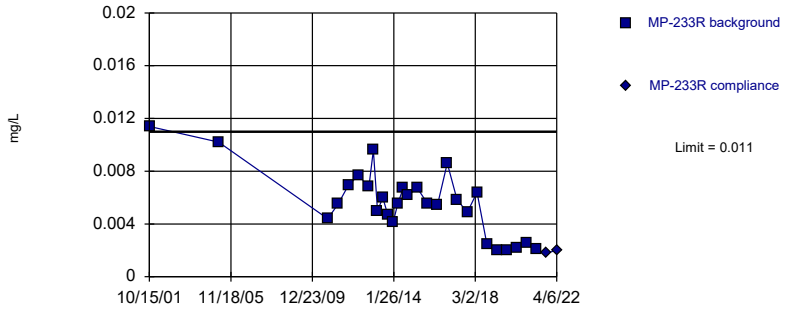
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.005621, Std. Dev.=0.00247, n=28. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.896. Kappa = 2.333 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:13 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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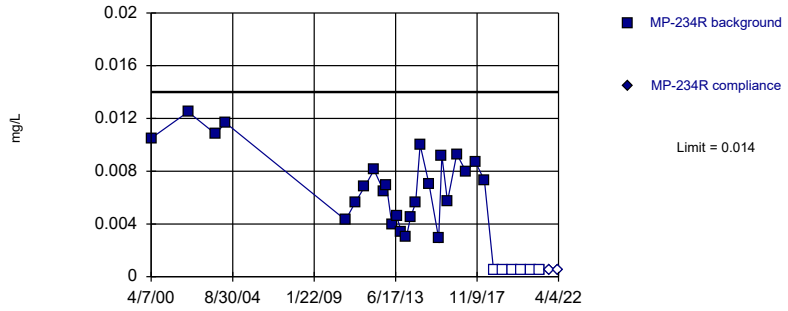
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0058, Std. Dev.=0.003478, n=31, 19.35% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9435, critical = 0.902. Kappa = 2.3 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:13 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

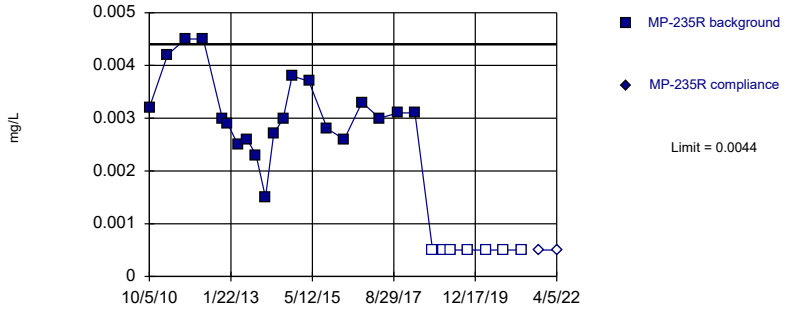
Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.000006513, Std. Dev.=0.000005488, n=27, 25.93% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9056, critical = 0.894. Kappa = 2.345 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:13 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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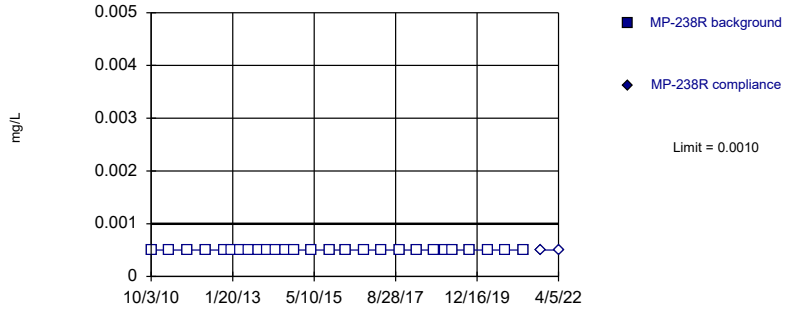
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 27) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.004998. Individual comparison alpha = 0.002502 (1 of 2).

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:13 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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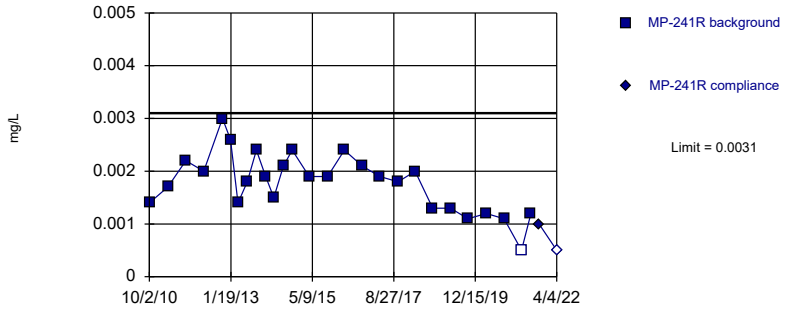
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



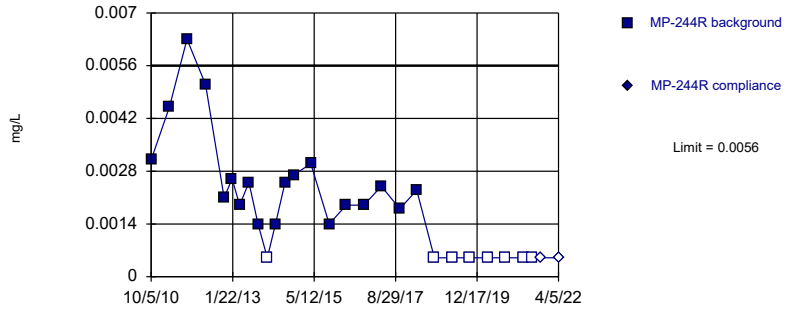
Background Data Summary: Mean=0.001781, Std. Dev.=0.0005519, n=27, 3.704% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9822, critical = 0.894. Kappa = 2.345 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.04318, Std. Dev.=0.01348, n=27, 29.63% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9054, critical = 0.894. Kappa = 2.345 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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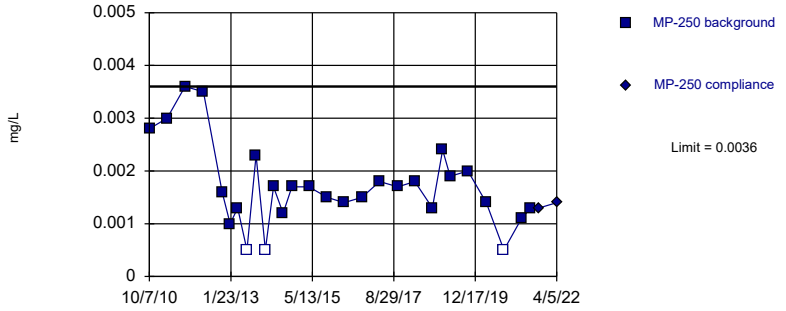
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



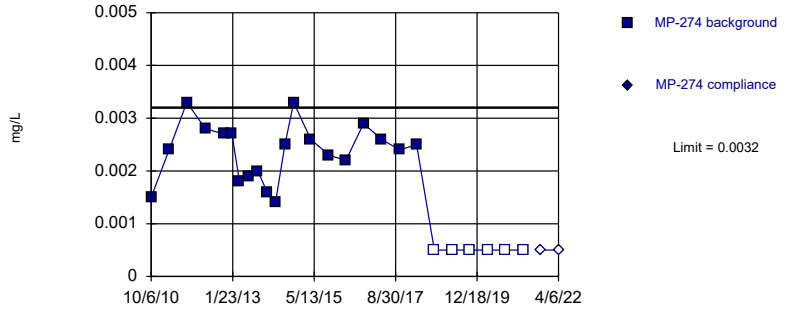
Background Data Summary: Mean=0.001714, Std. Dev.=0.0007915, n=28, 10.71% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9219, critical = 0.896. Kappa = 2.333 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.000003902, Std. Dev.=0.000002769, n=26, 23.08% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9274, critical = 0.891. Kappa = 2.358 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

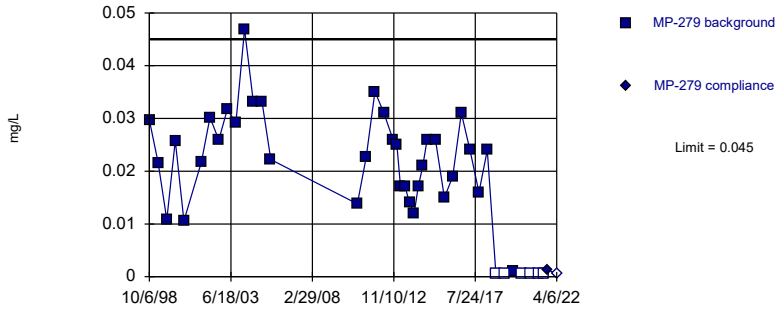
Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.01974, Std. Dev.=0.01143, n=41, 14.63% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9366, critical = 0.92. Kappa = 2.233 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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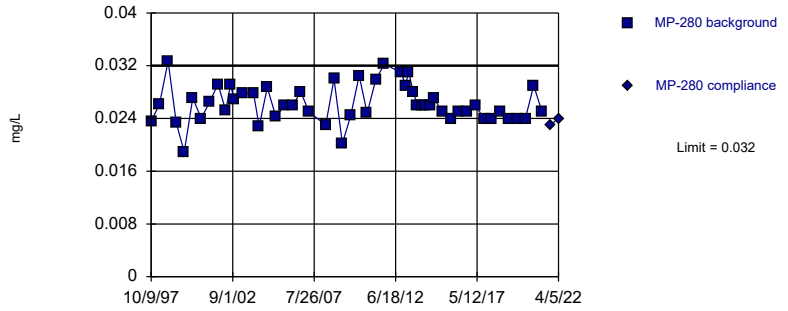
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02623, Std. Dev.=0.002839, n=51. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9639, critical = 0.935. Kappa = 2.189 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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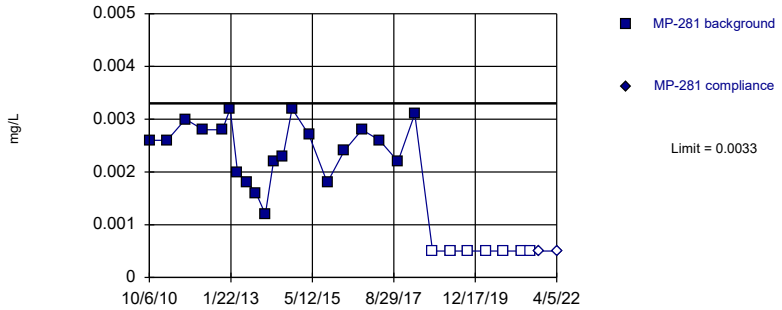
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.000003756, Std. Dev.=0.000003051, n=27, 25.93% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9027, critical = 0.894. Kappa = 2.345 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

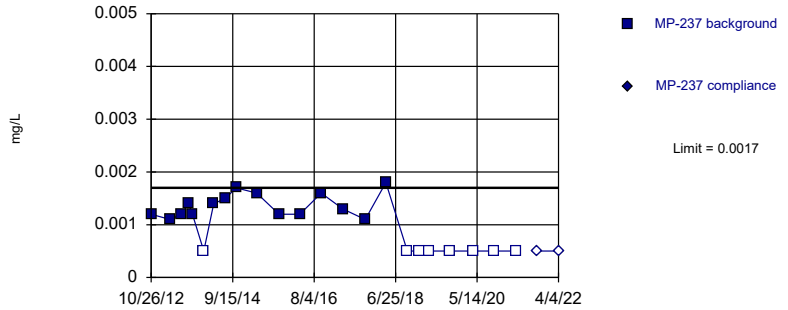
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.000001418, Std. Dev.=6.7e-7, n=23, 34.78% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8888, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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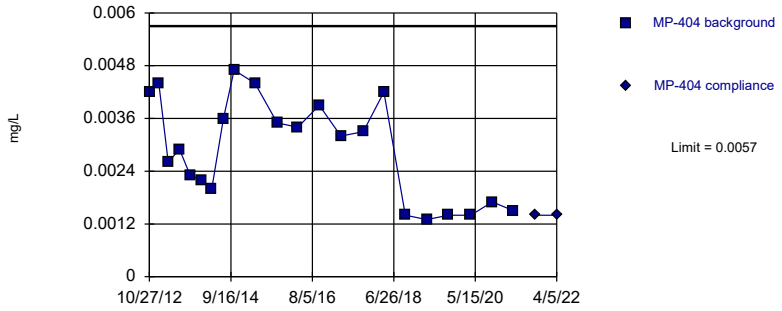
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002886, Std. Dev.=0.001153, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9185, critical = 0.878. Kappa = 2.431 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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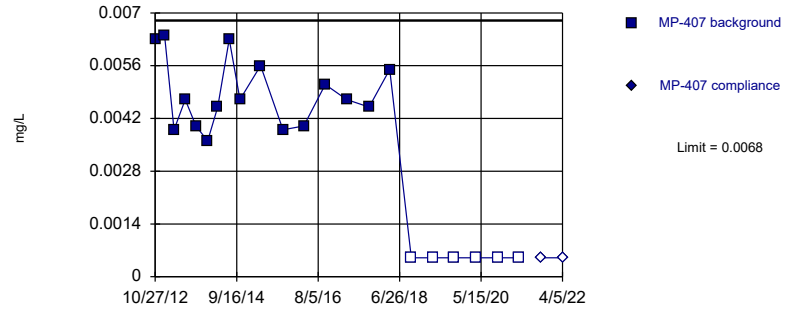
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (based on square transformation) (after Kaplan-Meier Adjustment): Mean=0.00001346, Std. Dev.=0.00001342, n=22, 27.27% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.908, critical = 0.878. Kappa = 2.431 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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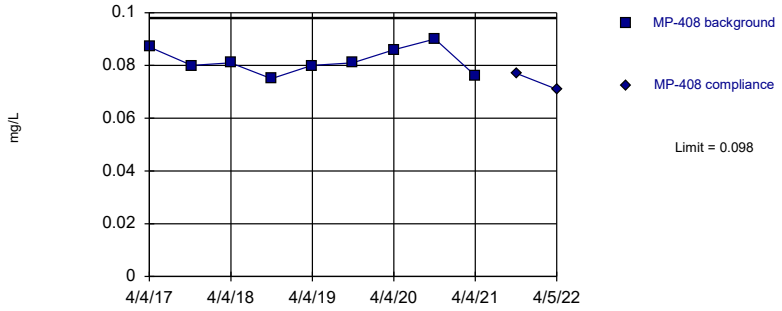
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.08178, Std. Dev.=0.004994, n=9. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9379, critical = 0.764. Kappa = 3.312 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

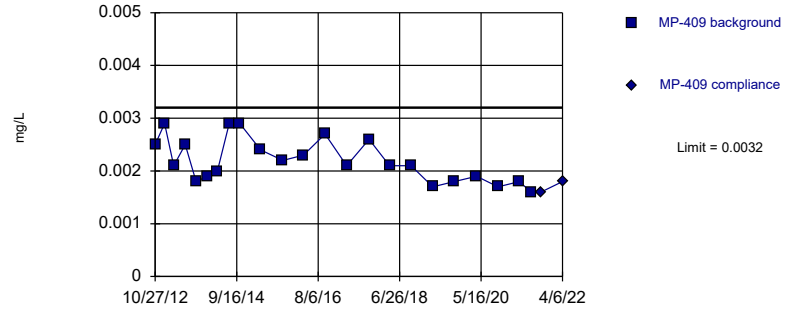
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002196, Std. Dev.=0.0004106, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9294, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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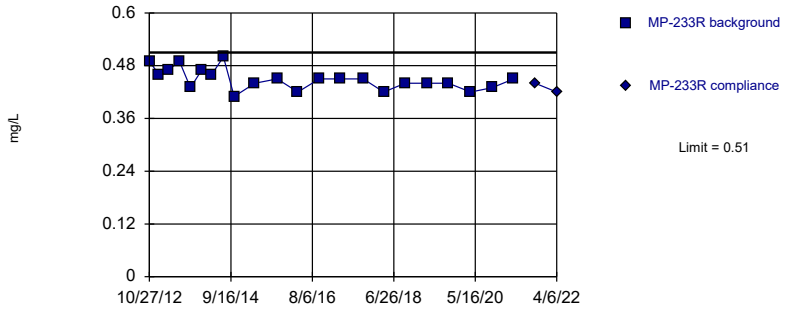
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.4491, Std. Dev.=0.02408, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9505, critical = 0.878. Kappa = 2.431 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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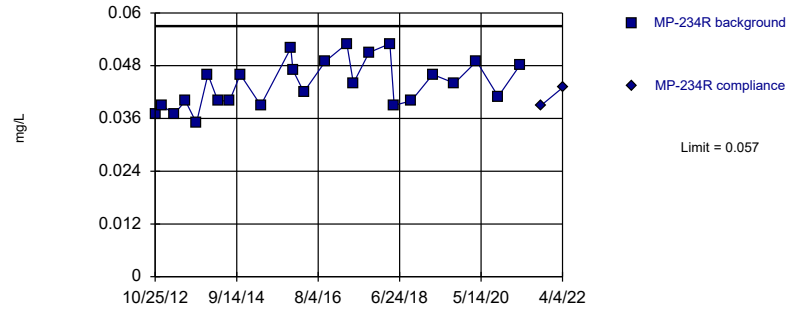
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04388, Std. Dev.=0.005372, n=25. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9413, critical = 0.888. Kappa = 2.37 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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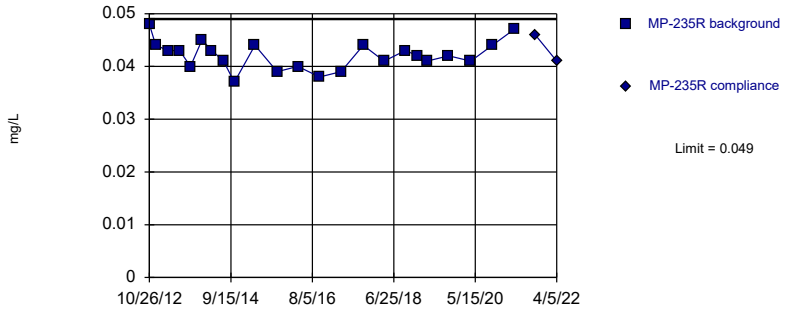
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04213, Std. Dev.=0.002702, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9769, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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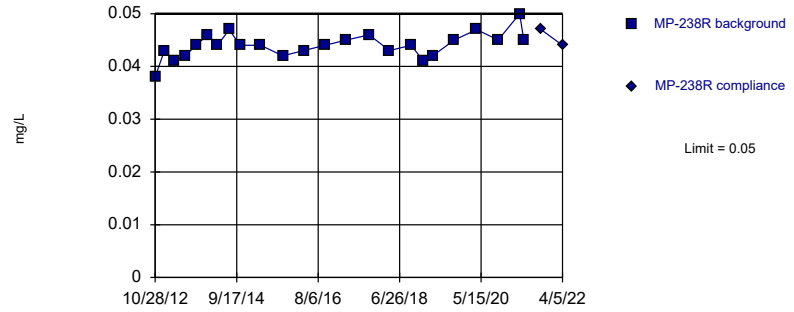
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04396, Std. Dev.=0.002422, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9661, critical = 0.884. Kappa = 2.39 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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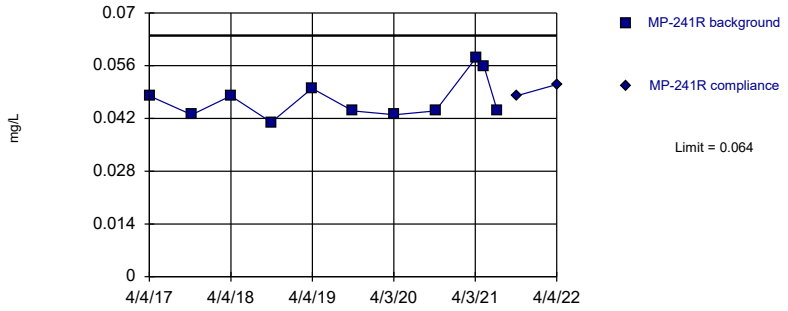
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04718, Std. Dev.=0.005546, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8597, critical = 0.792. Kappa = 2.98 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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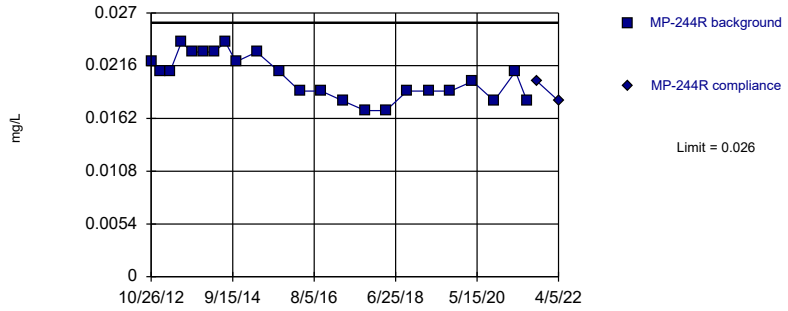
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02048, Std. Dev.=0.002233, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9297, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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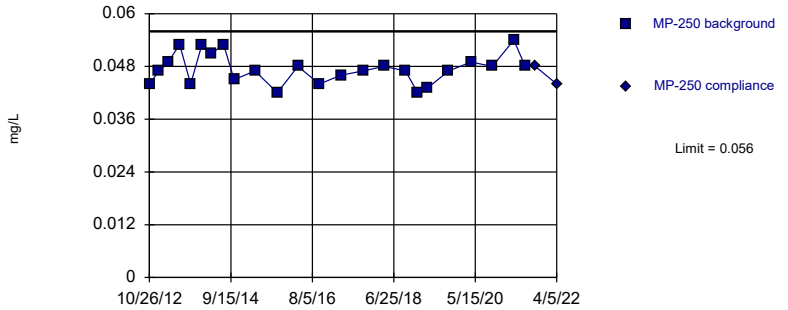
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04746, Std. Dev.=0.003476, n=24. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.94, critical = 0.884. Kappa = 2.39 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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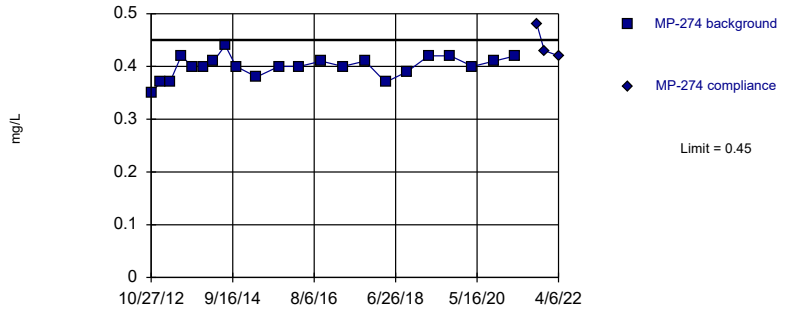
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.3995, Std. Dev.=0.02104, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9342, critical = 0.878. Kappa = 2.431 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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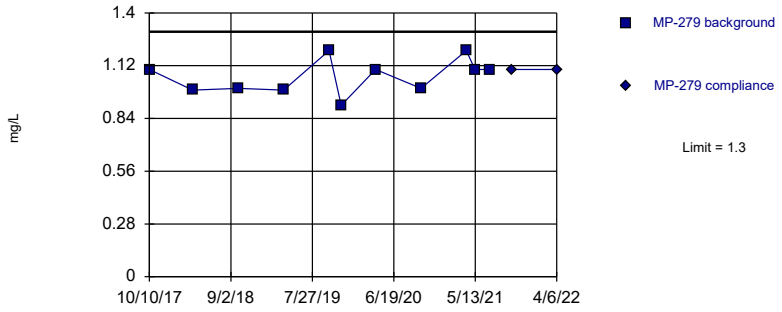
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.063, Std. Dev.=0.09221, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.91, critical = 0.792. Kappa = 2.98 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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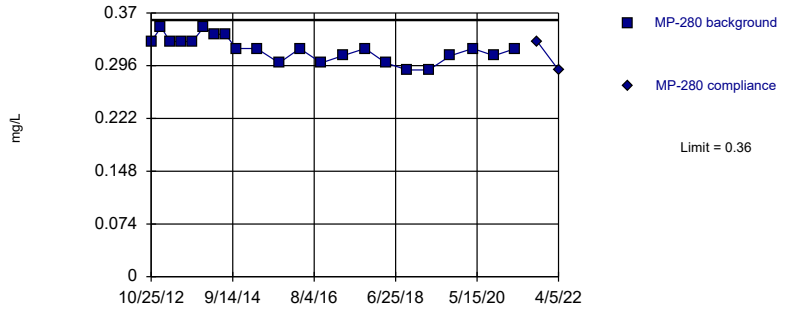
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.3195, Std. Dev.=0.01731, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9545, critical = 0.878. Kappa = 2.431 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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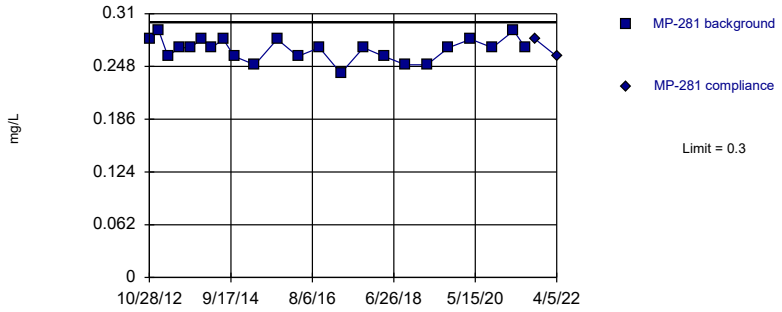
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2683, Std. Dev.=0.01302, n=23. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.881. Kappa = 2.411 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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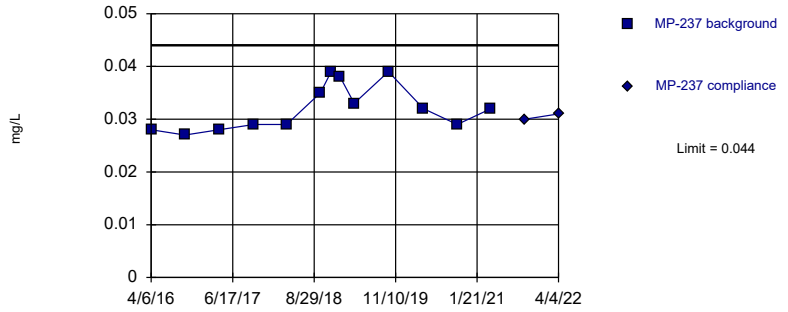
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03215, Std. Dev.=0.004356, n=13. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8764, critical = 0.814. Kappa = 2.796 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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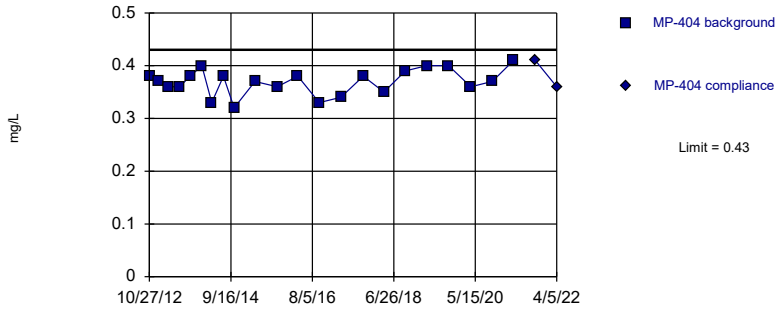
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.3691, Std. Dev.=0.02448, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.958, critical = 0.878. Kappa = 2.431 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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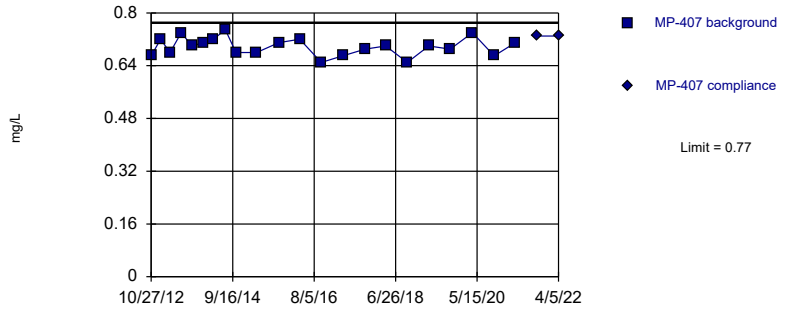
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.6977, Std. Dev.=0.02776, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.969, critical = 0.878. Kappa = 2.431 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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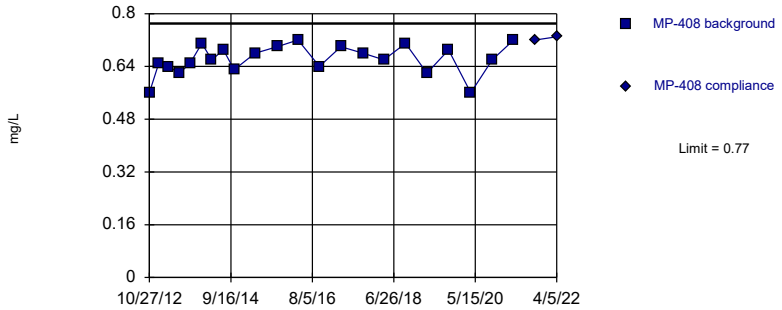
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.6614, Std. Dev.=0.04528, n=22. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9207, critical = 0.878. Kappa = 2.431 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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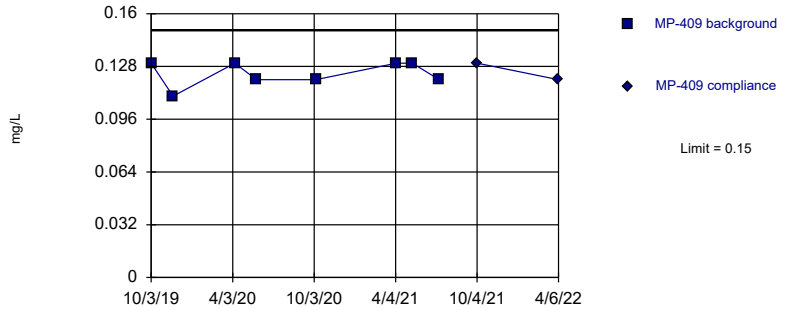
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1238, Std. Dev.=0.00744, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7968, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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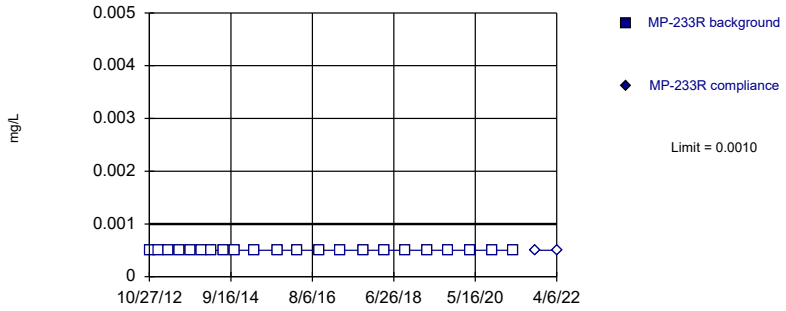
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



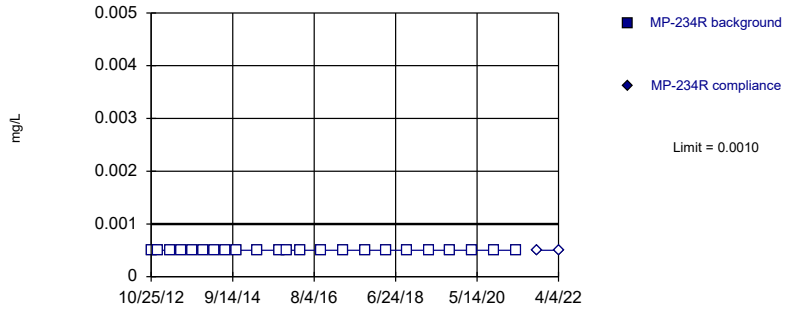
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



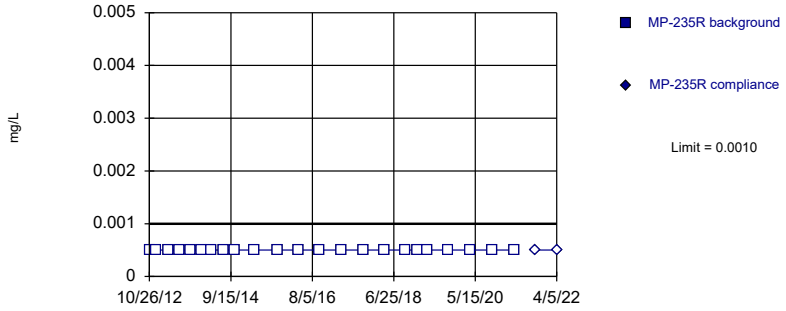
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



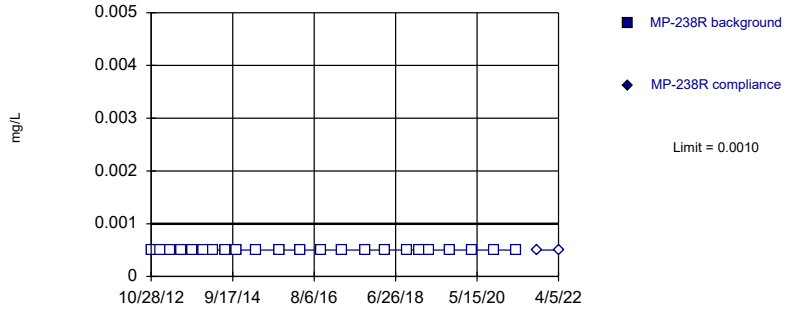
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



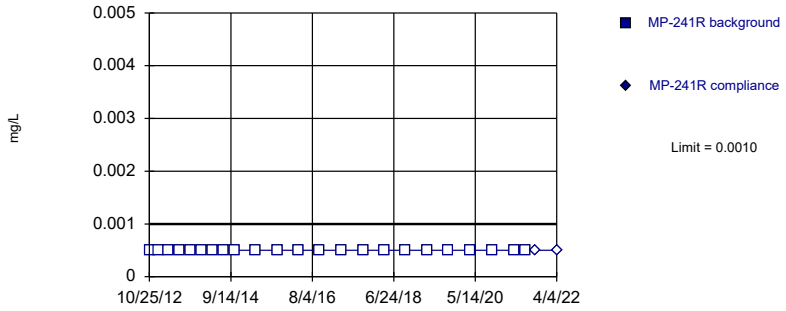
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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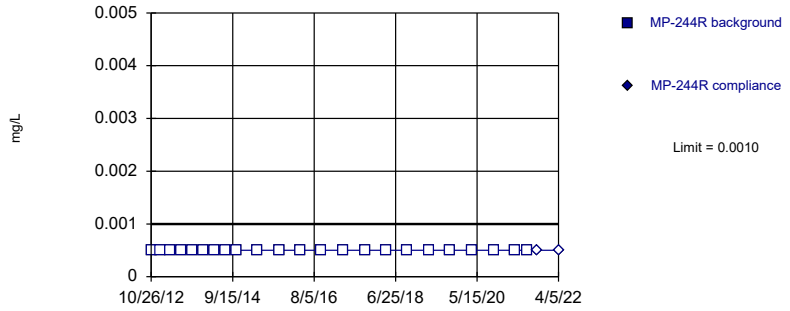
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



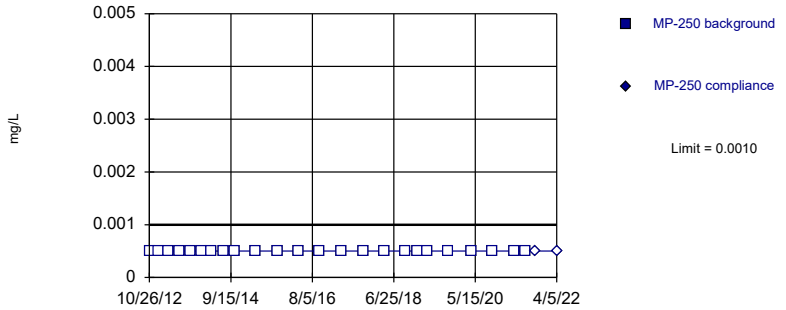
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 24) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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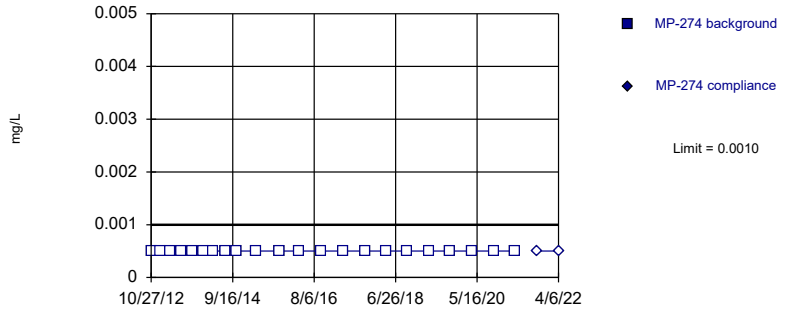
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



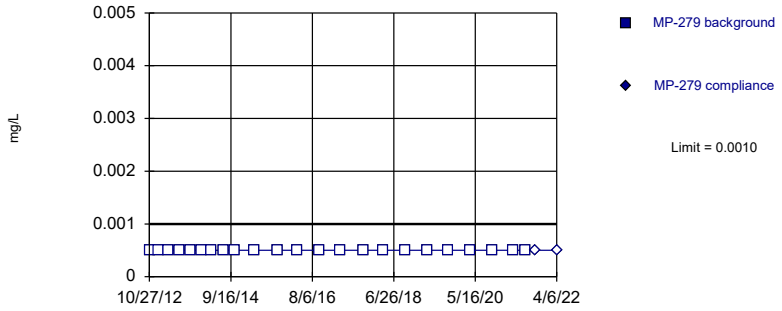
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



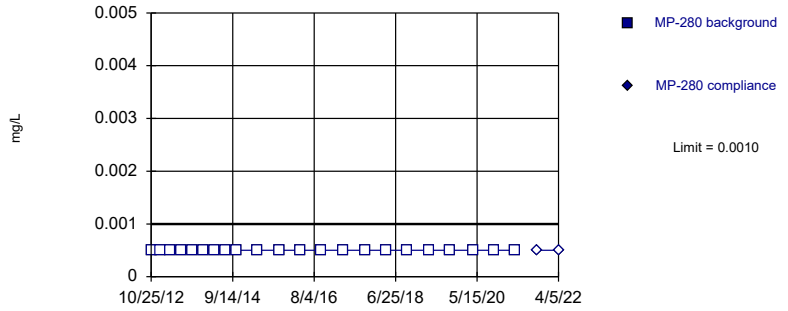
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



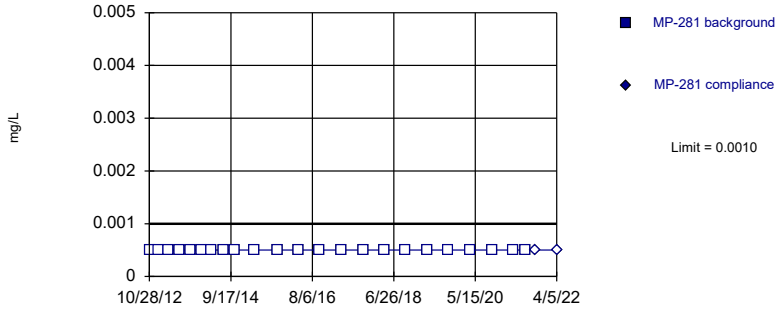
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



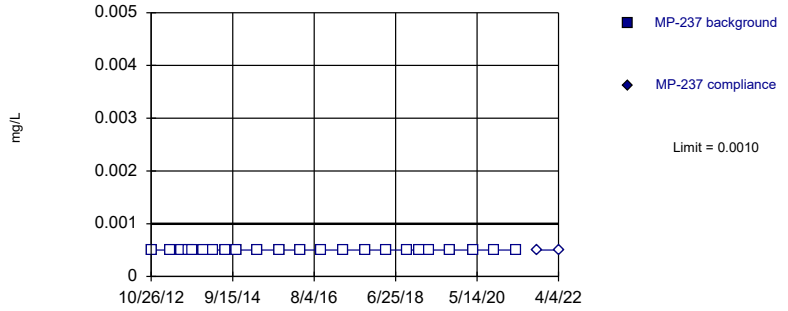
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



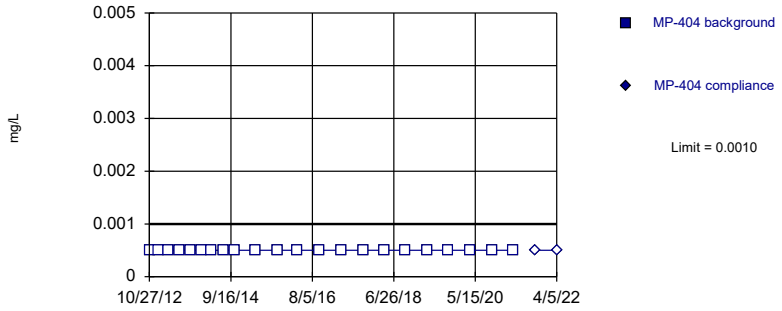
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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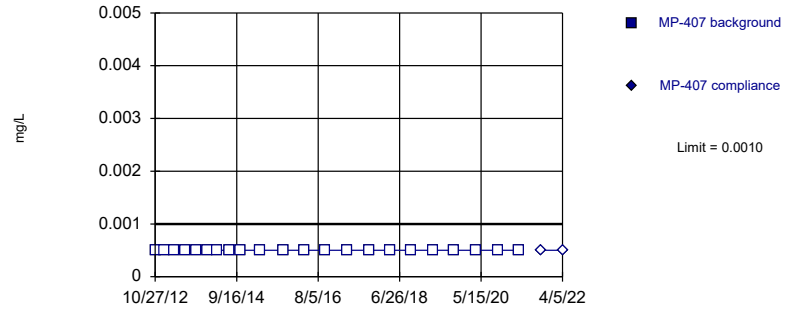
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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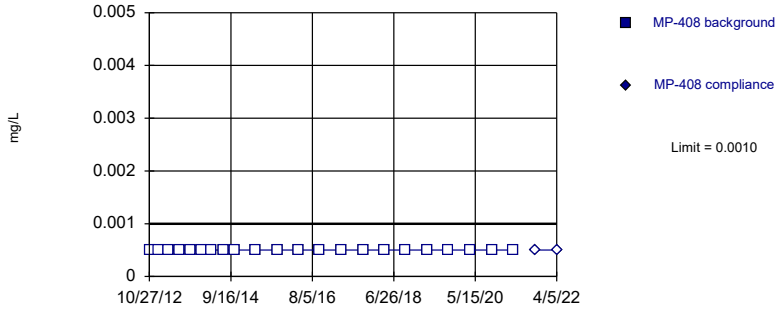
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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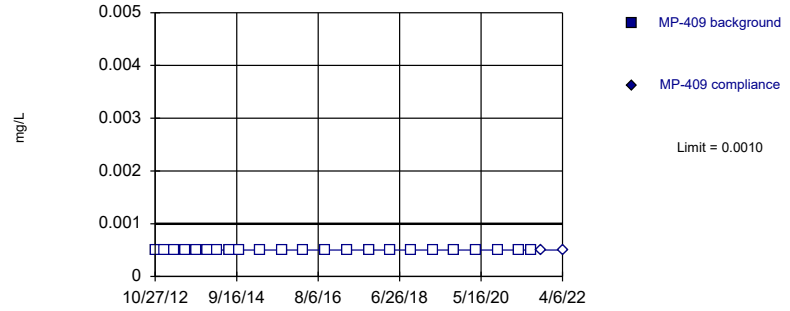
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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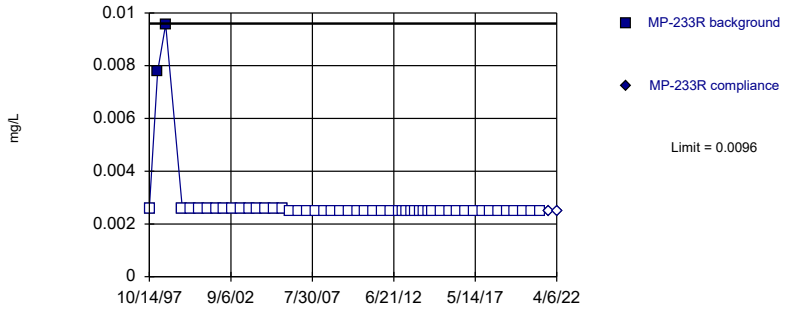
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



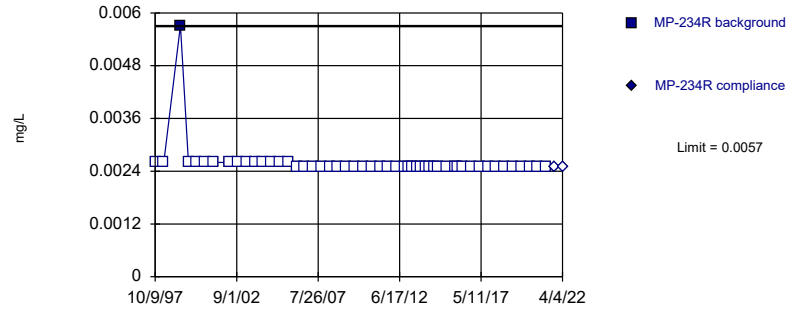
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 51 background values. 96.08% NDs. Well-constituent pair annual alpha = 0.00146. Individual comparison alpha = 0.0007303 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



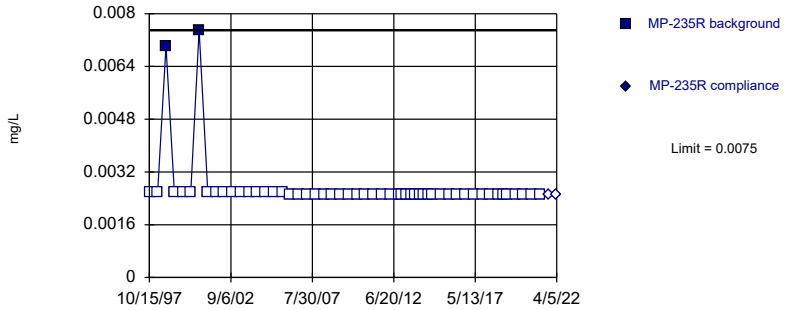
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 51 background values. 98.04% NDs. Well-constituent pair annual alpha = 0.00146. Individual comparison alpha = 0.0007303 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



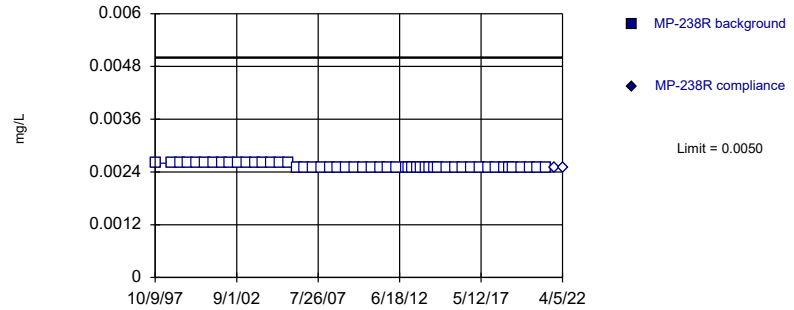
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 53 background values. 96.23% NDs. Well-constituent pair annual alpha = 0.00137. Individual comparison alpha = 0.0006854 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



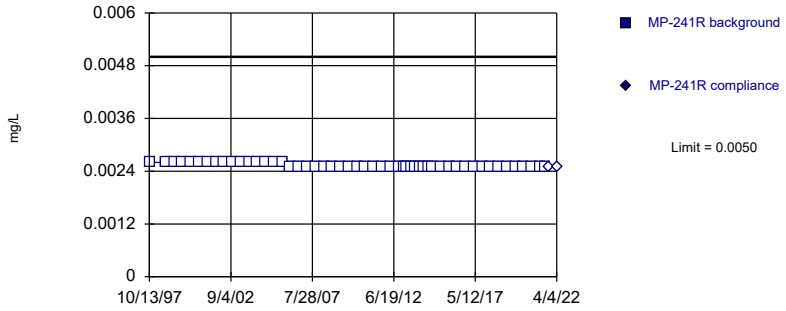
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 52) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



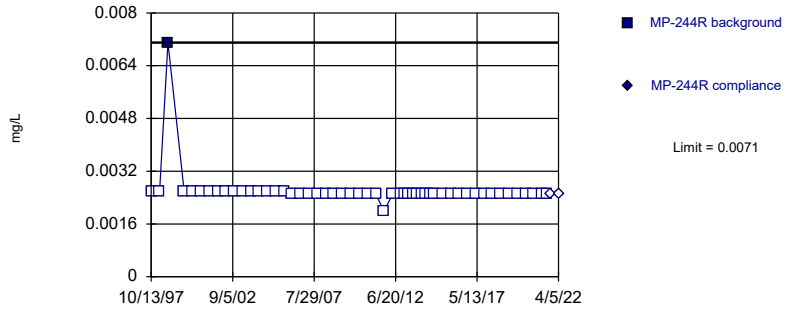
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 52) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



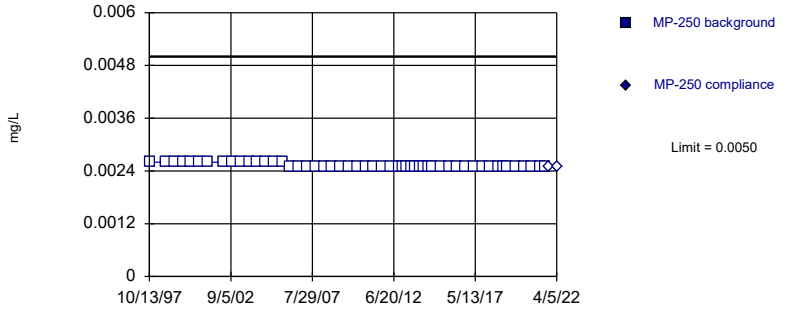
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 98.08% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



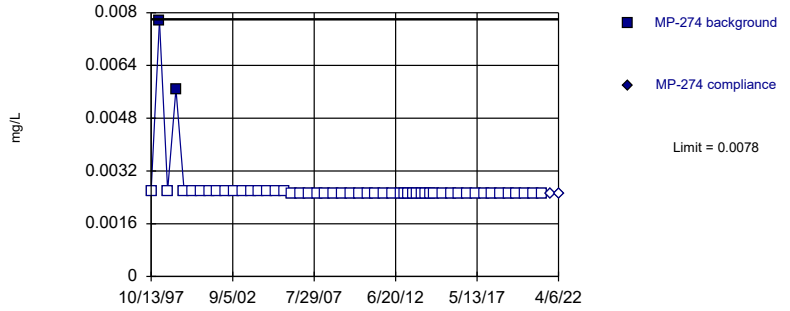
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 52) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



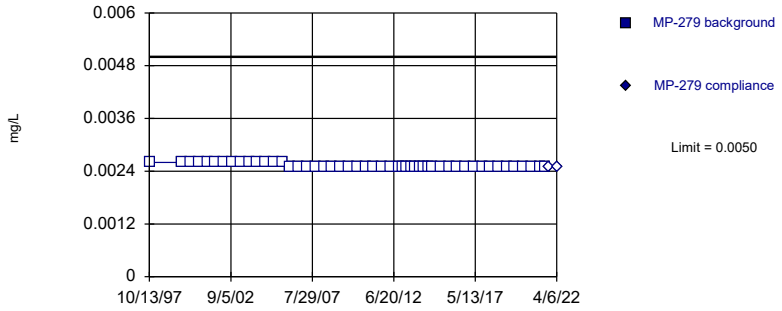
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



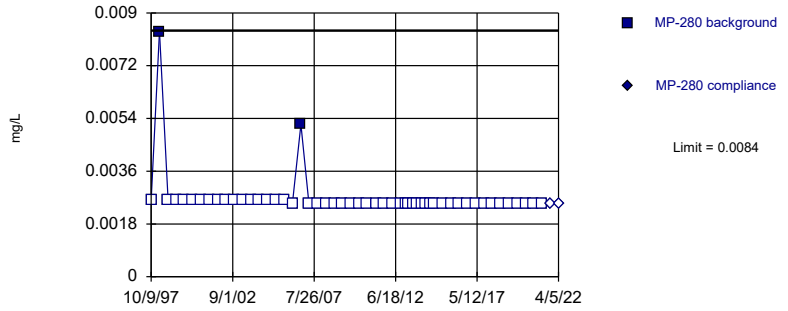
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 50) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.001505. Individual comparison alpha = 0.0007528 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 52 background values. 96.15% NDs. Well-constituent pair annual alpha = 0.001415. Individual comparison alpha = 0.0007079 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

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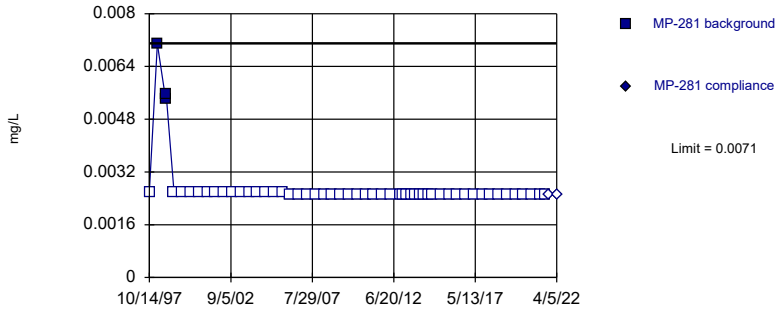


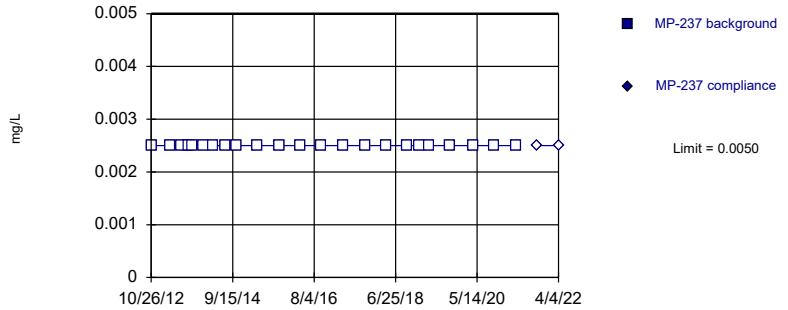
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 54 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.001325. Individual comparison alpha = 0.0006629 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

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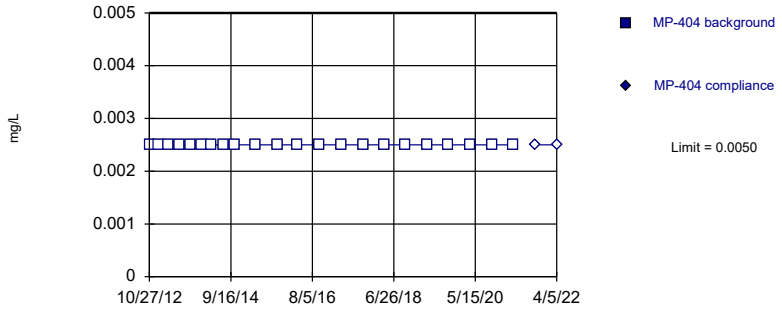

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 22) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.007401. Individual comparison alpha = 0.003707 (1 of 2).

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

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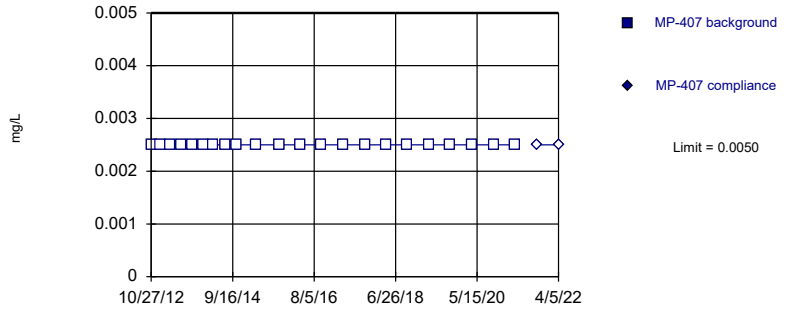

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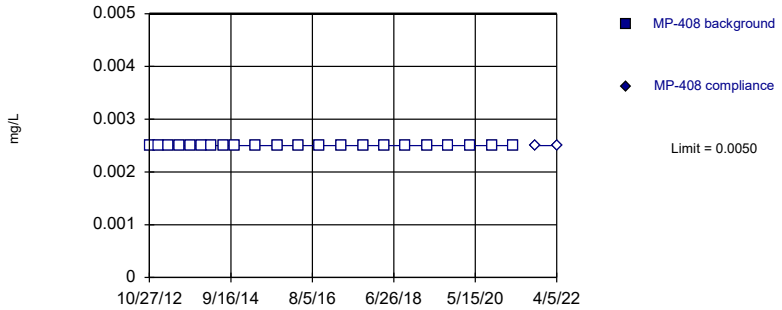

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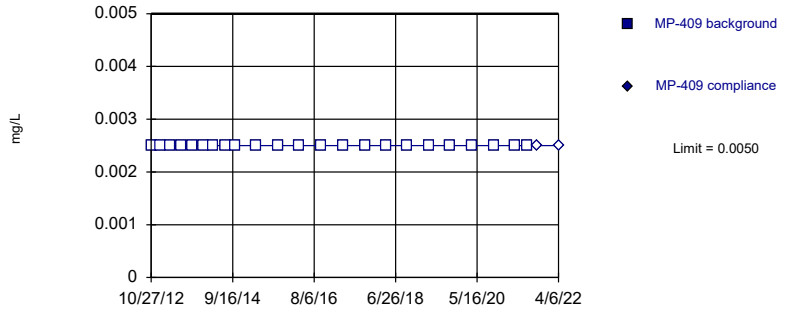

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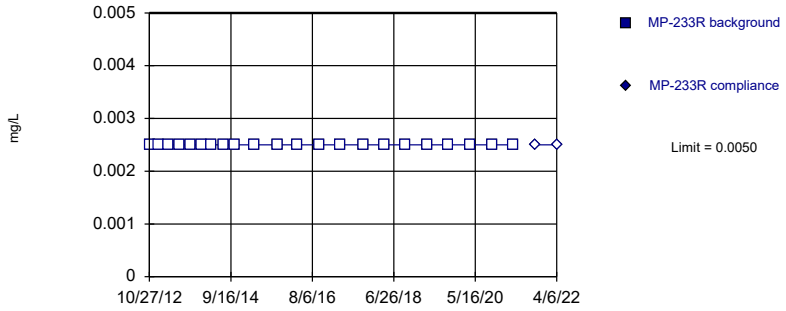

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Constituent: Lead Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Hollow symbols indicate censored values.
Within Limit

Prediction Limit

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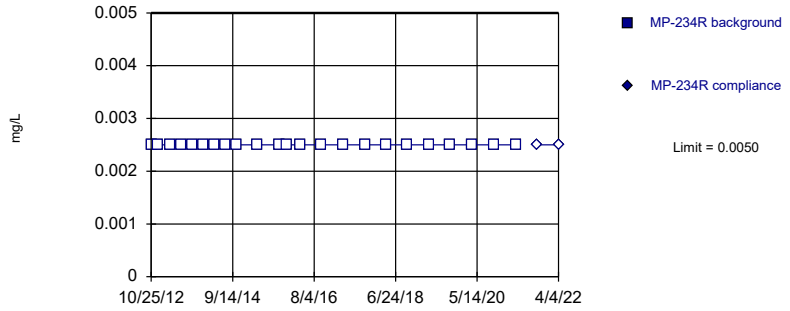

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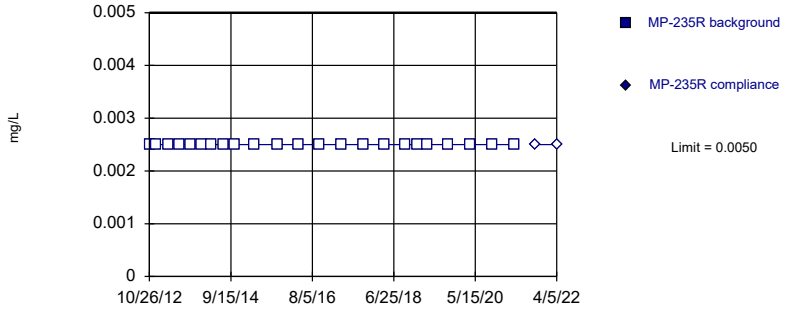

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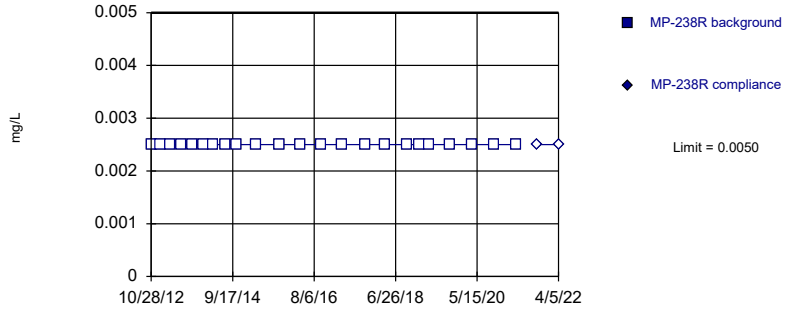

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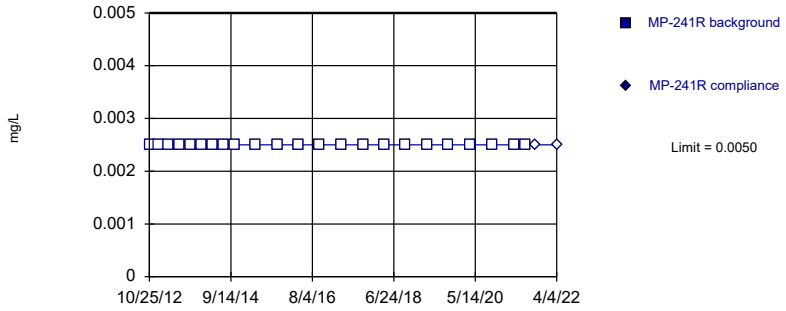

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

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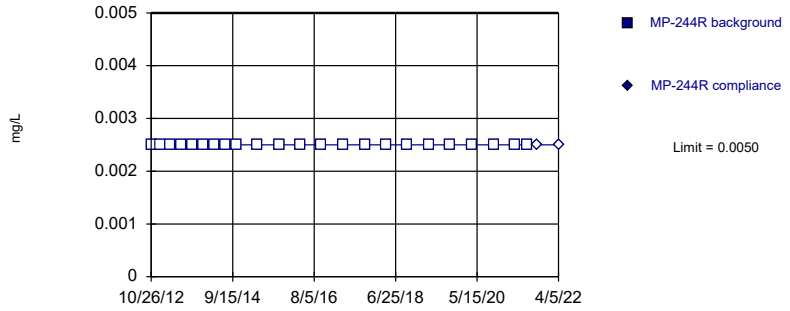
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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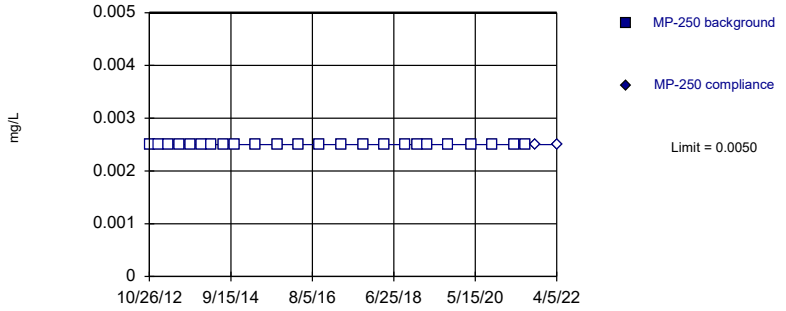
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



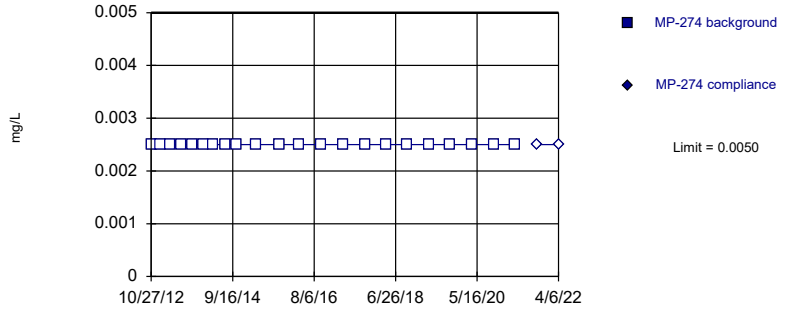
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 24) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Lead Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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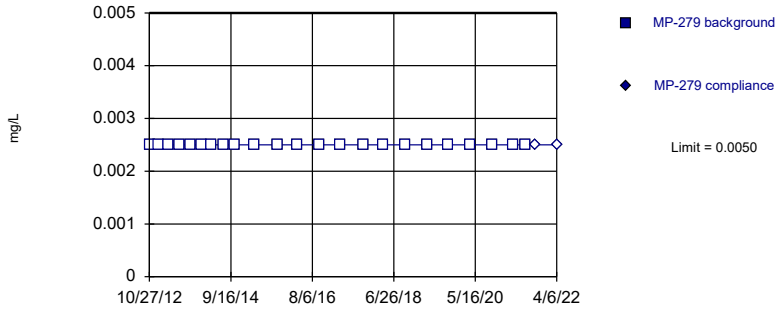
Constituent: Lead Dissolved Analysis Run 5/19/2022 3:14 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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Within Limit

Prediction Limit

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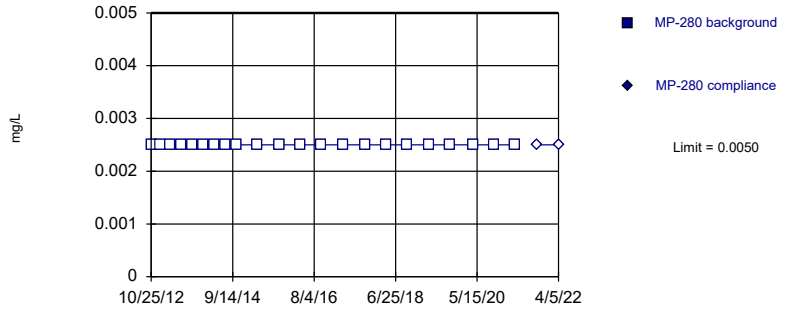

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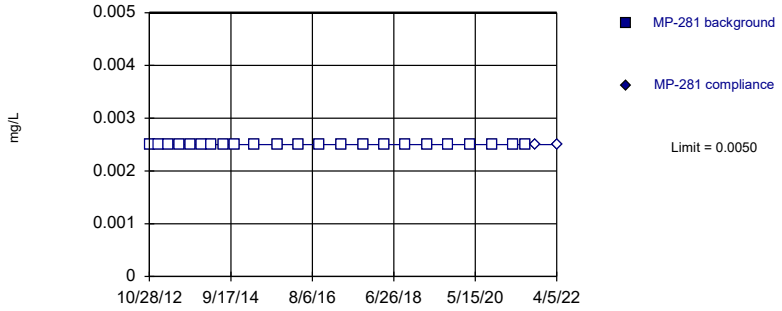

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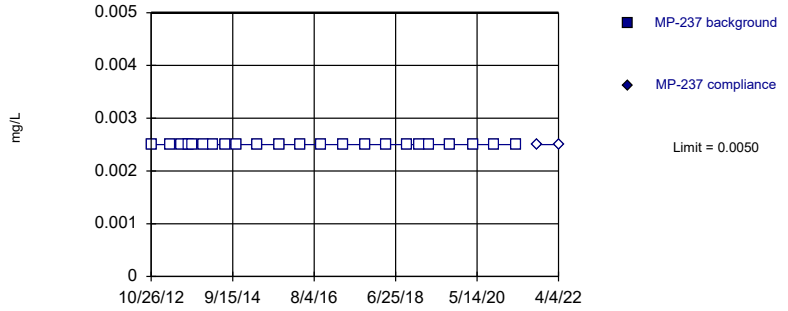

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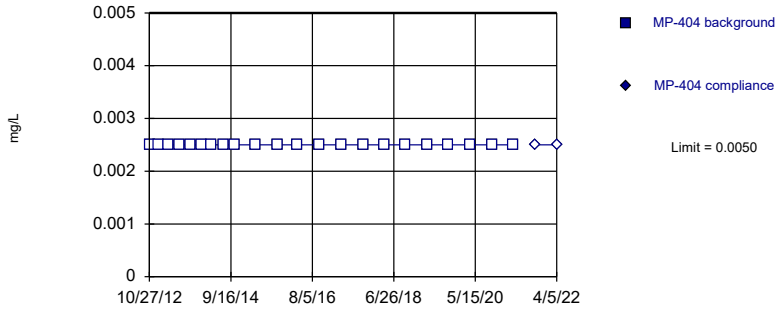

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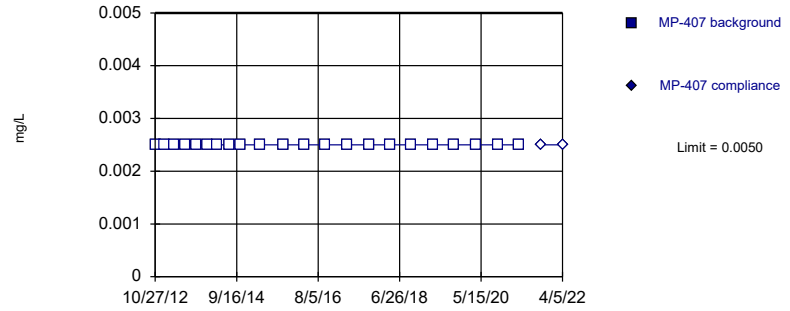

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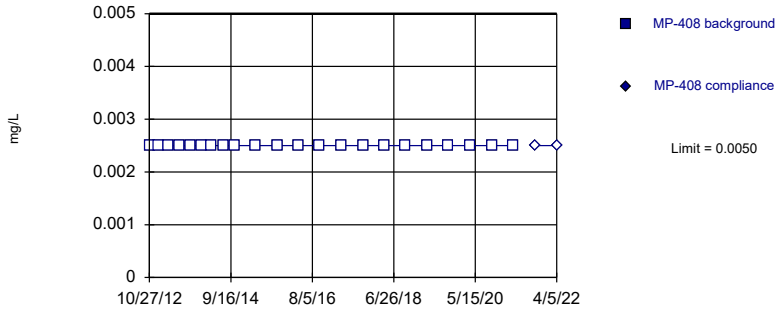

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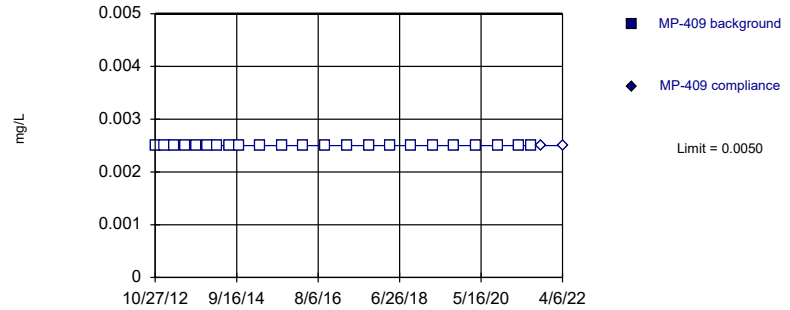

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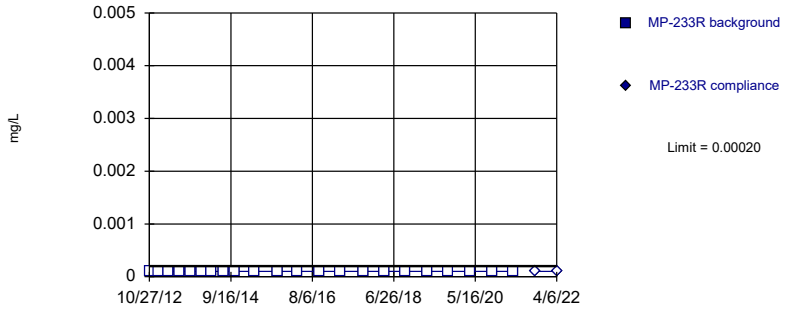

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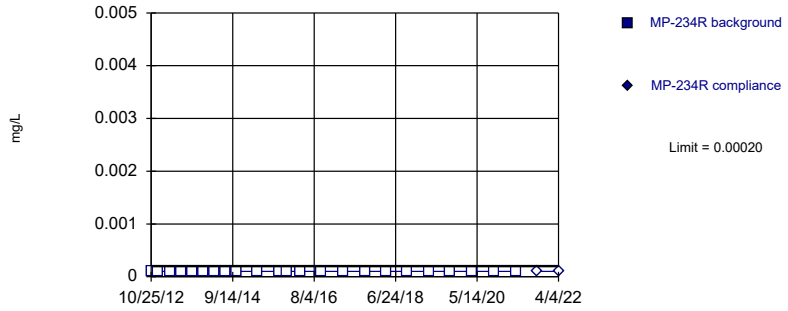

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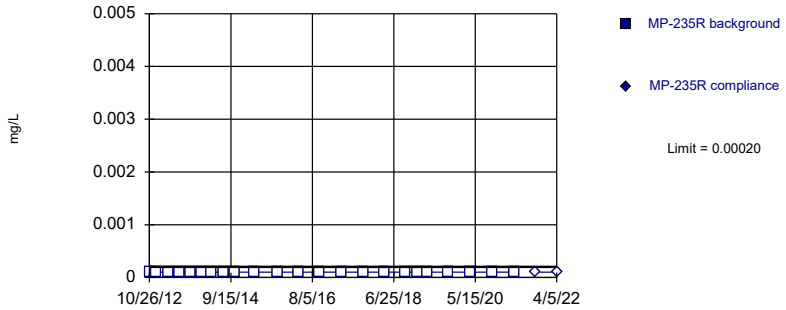

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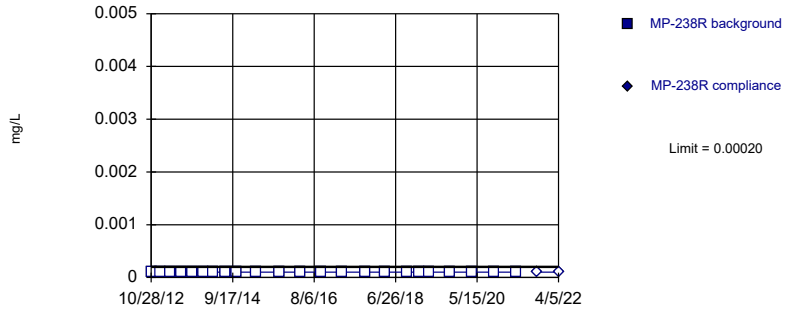

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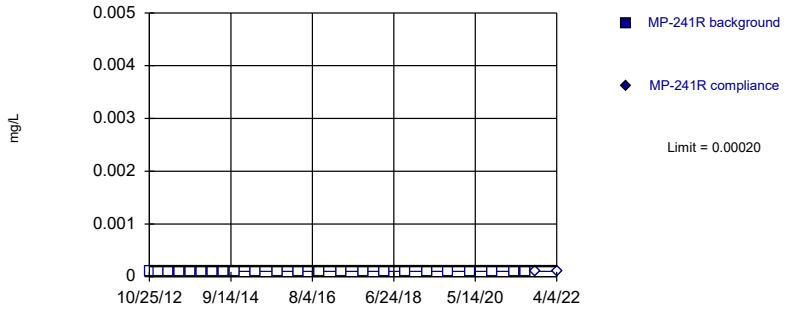

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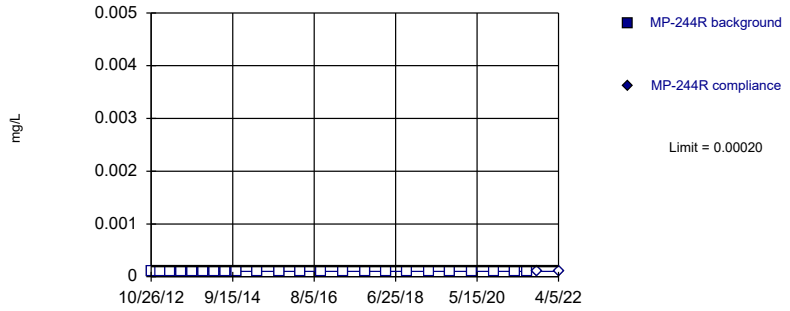

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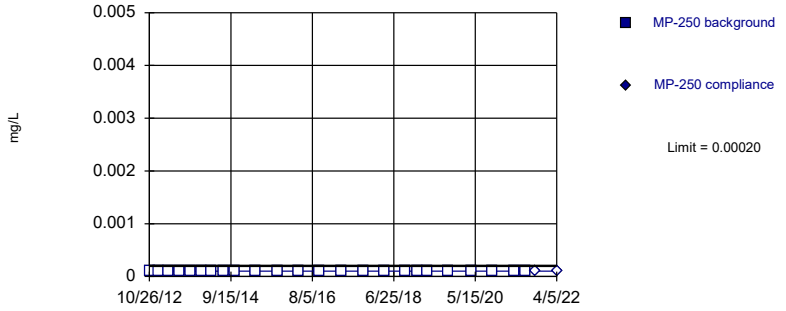

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 24) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006238. Individual comparison alpha = 0.003124 (1 of 2).

Constituent: Mercury Dissolved Analysis Run 5/19/2022 3:15 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Within Limit

Prediction Limit

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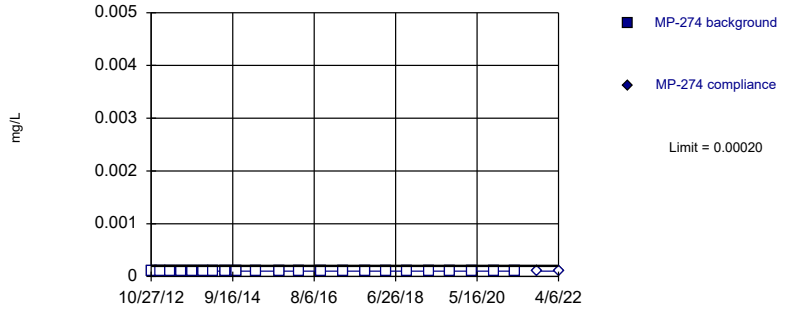

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Within Limit

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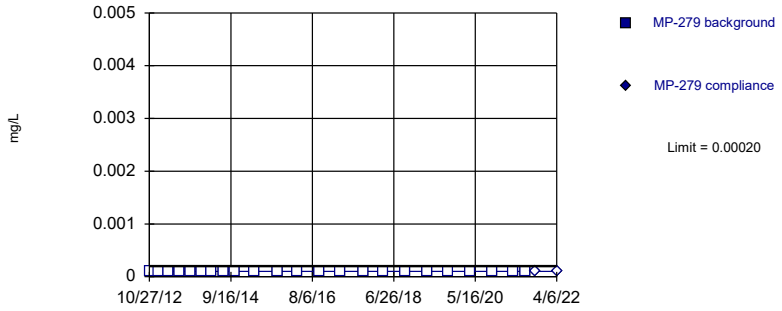

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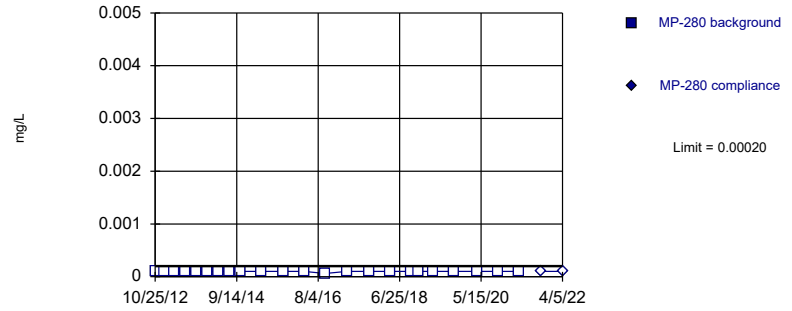

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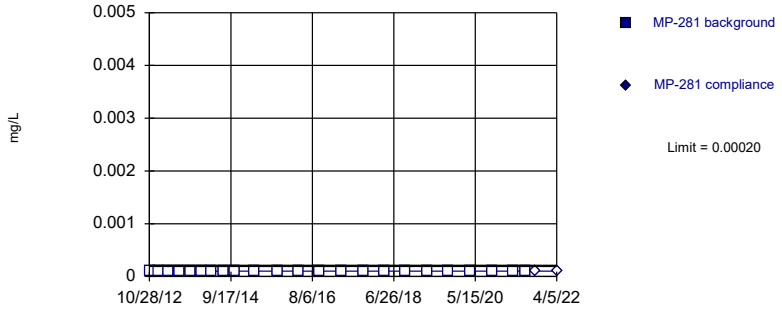

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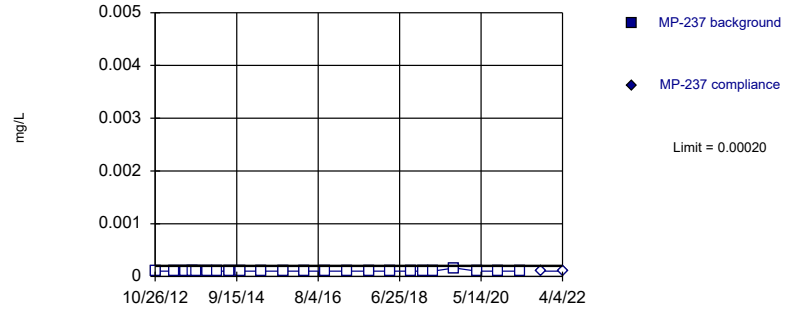

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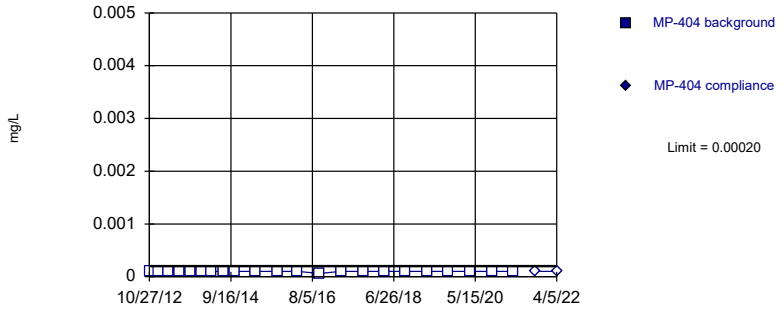

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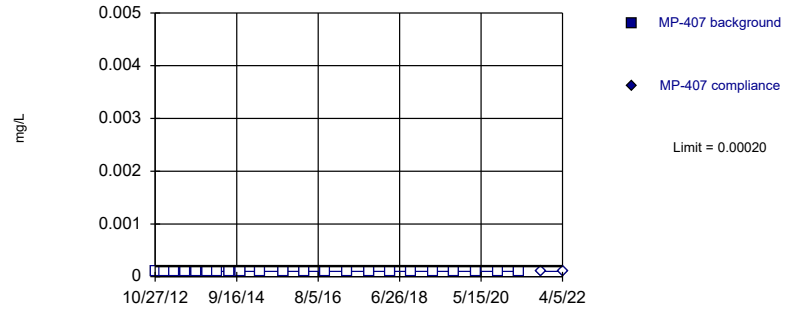

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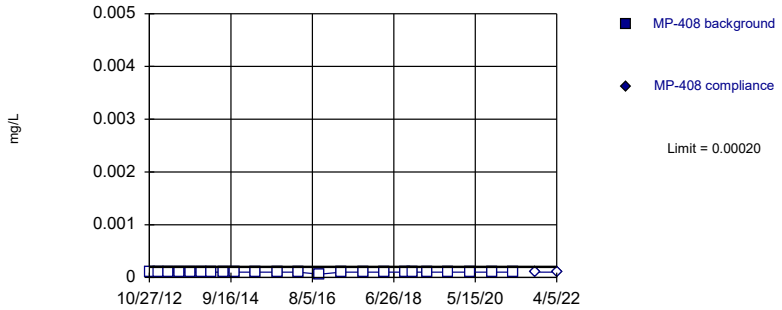

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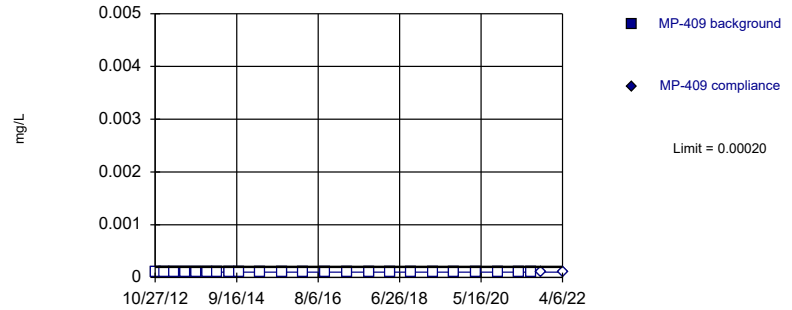

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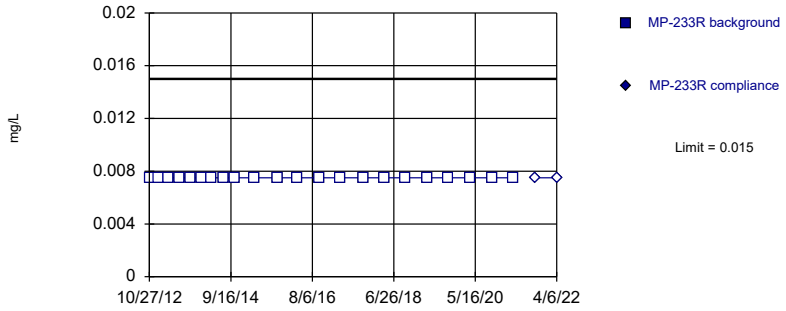

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Constituent: Selenium Dissolved Analysis Run 5/19/2022 3:15 PM View: Stats
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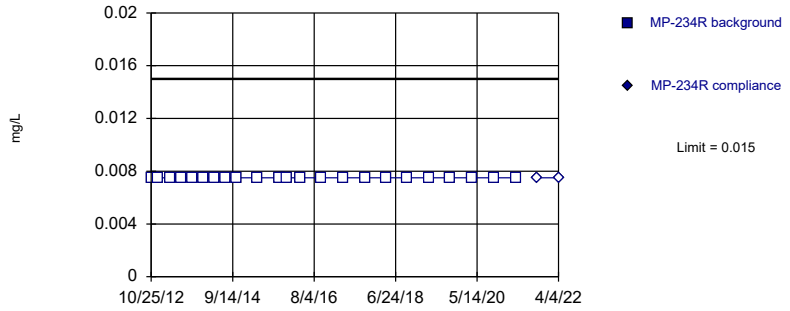

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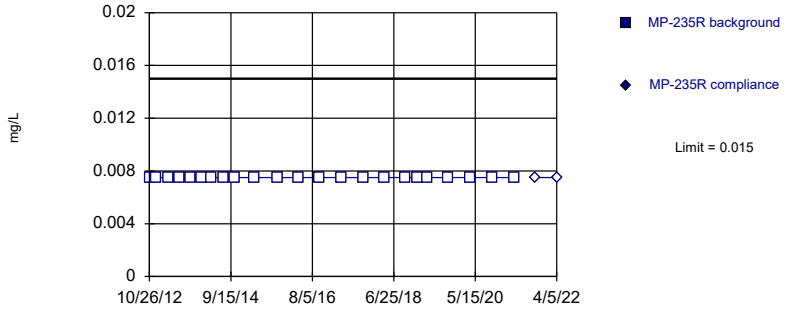

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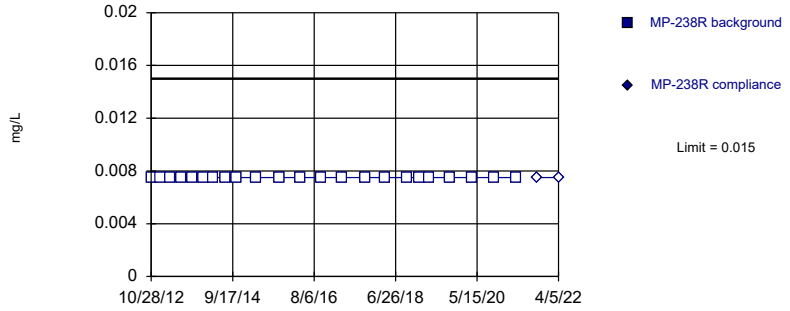

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Constituent: Selenium Dissolved Analysis Run 5/19/2022 3:15 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

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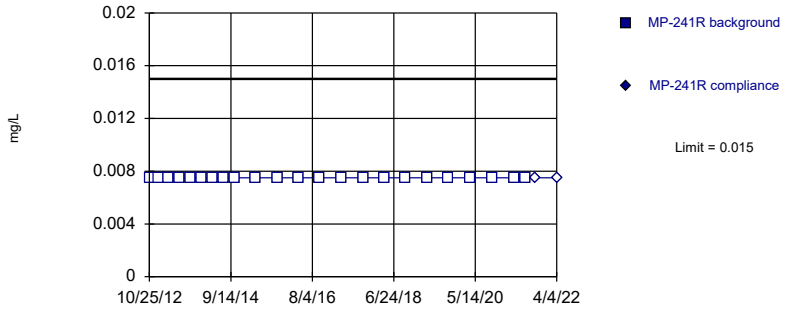

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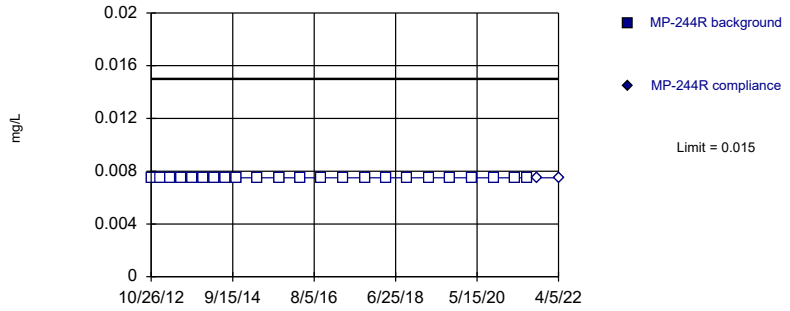

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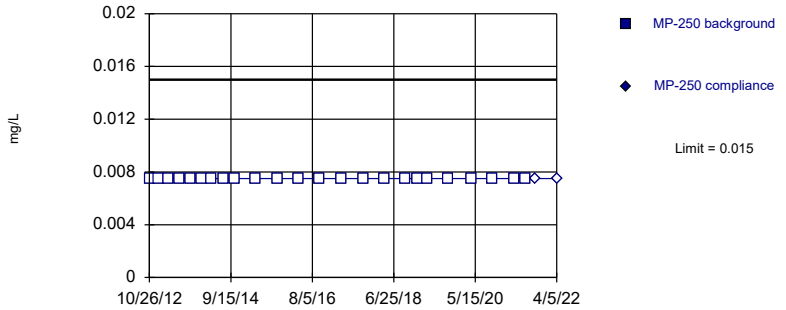

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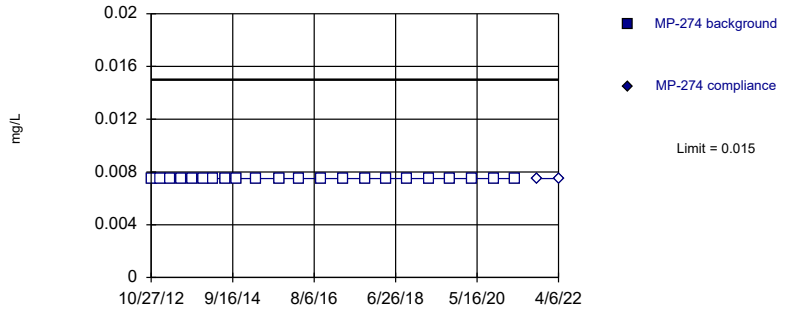

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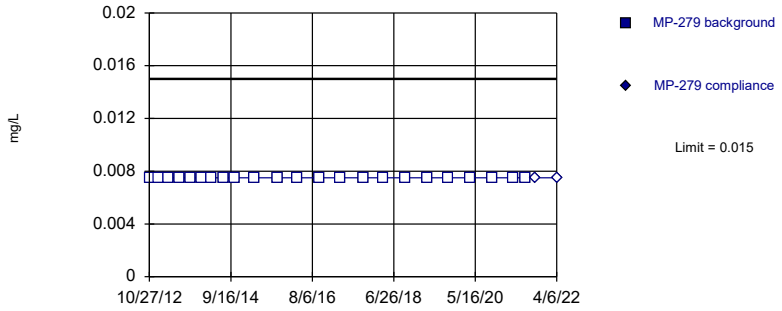

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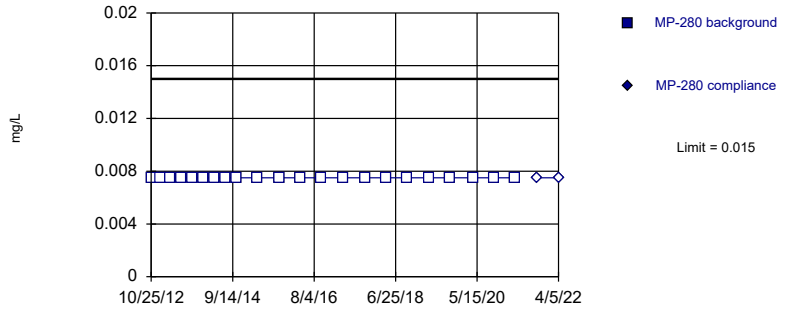

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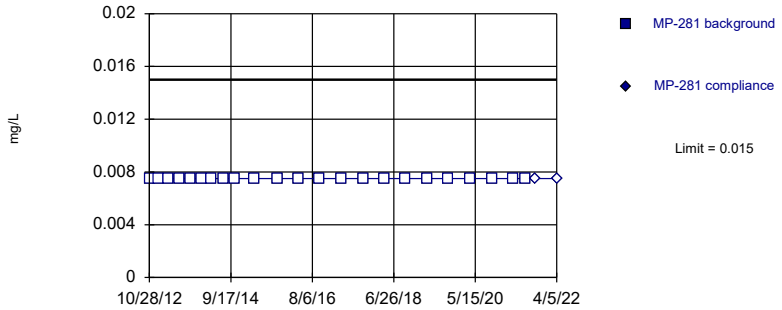

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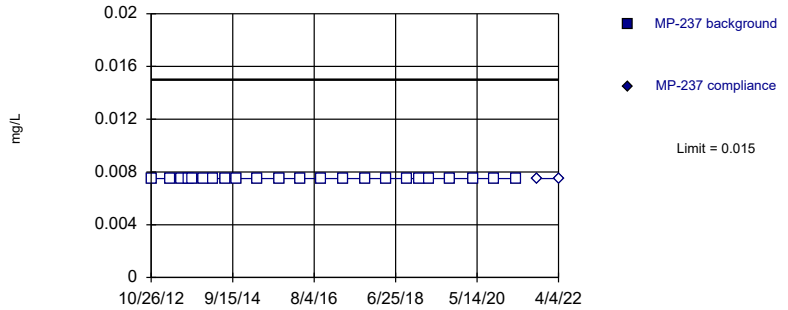

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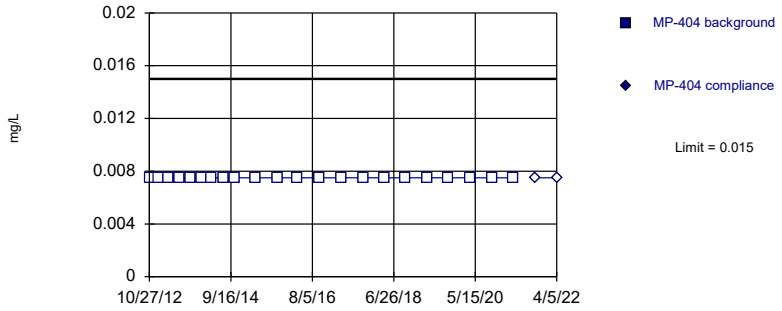

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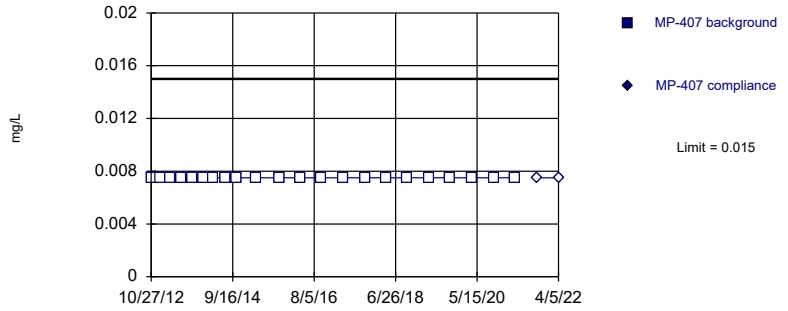

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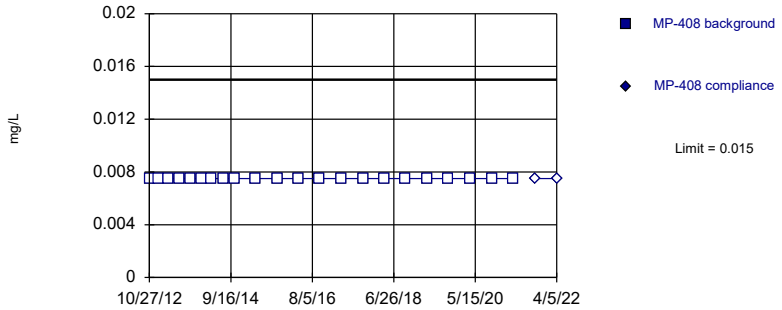

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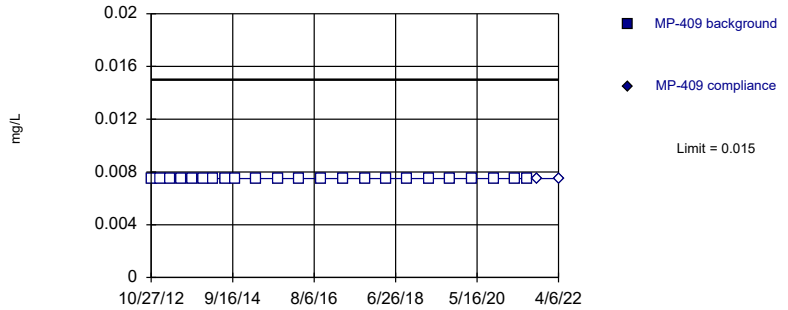

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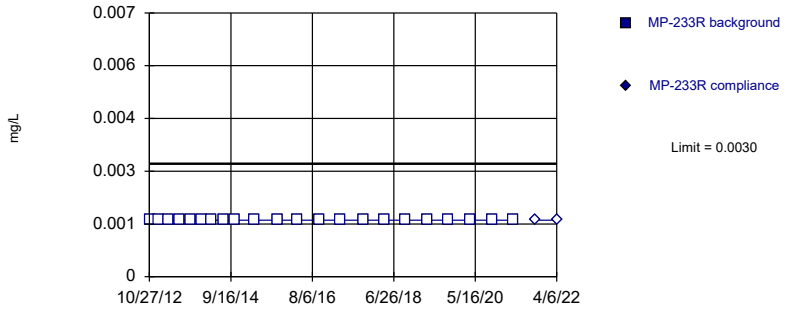

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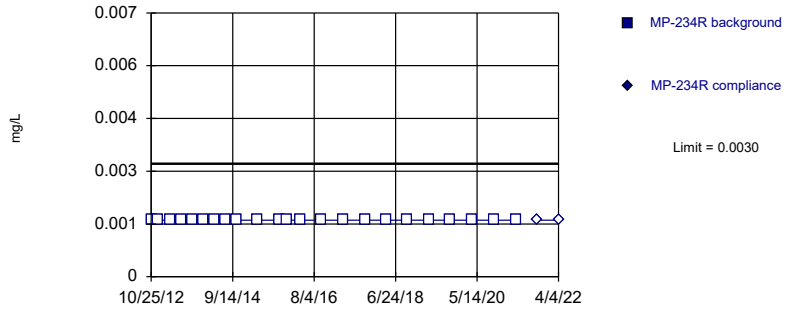

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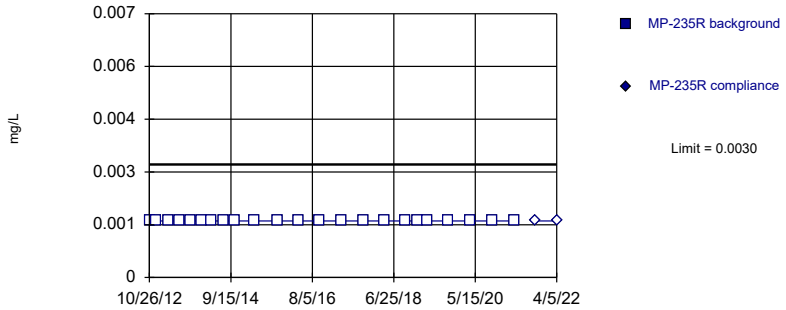

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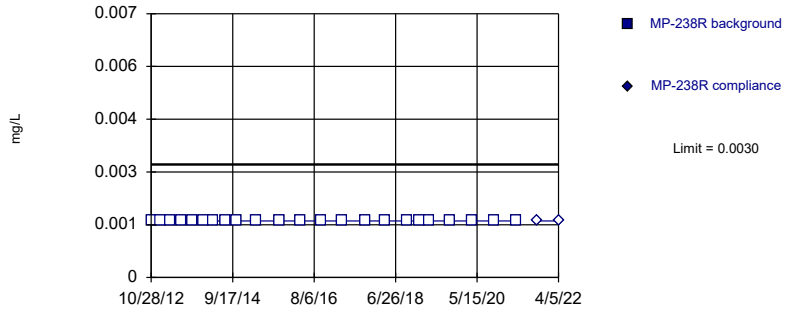

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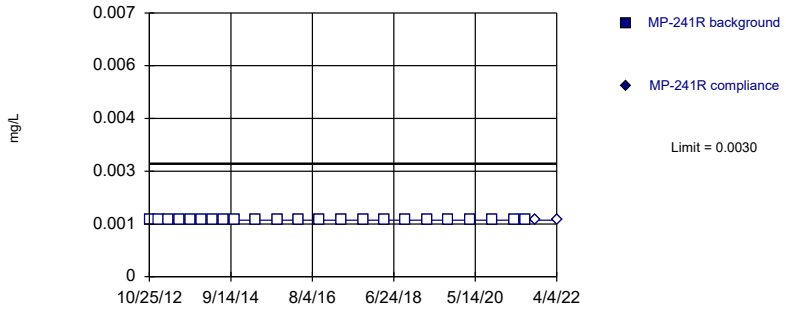

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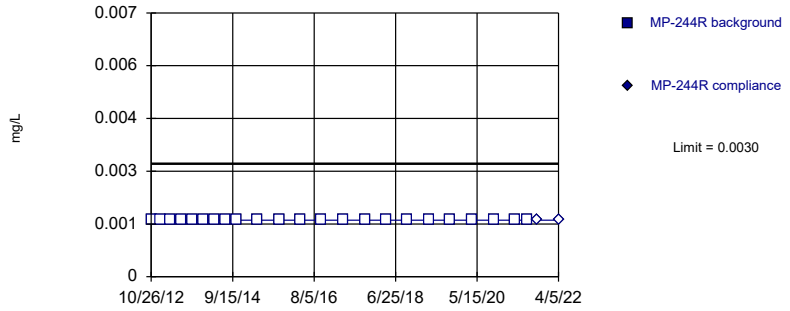

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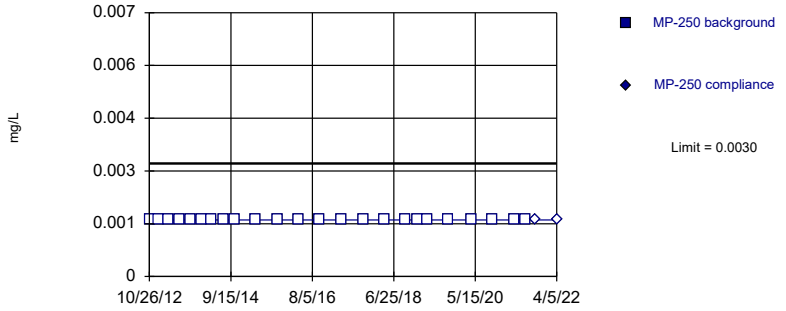

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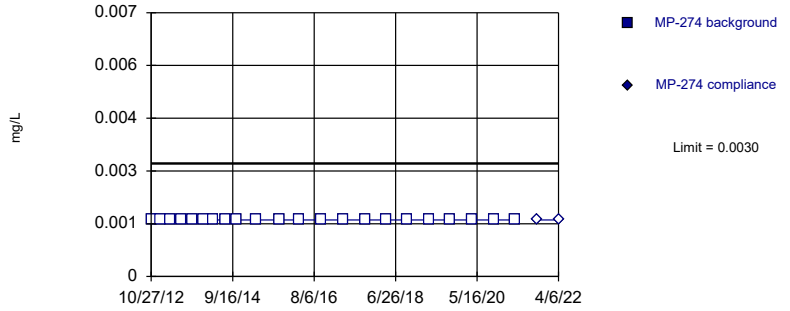

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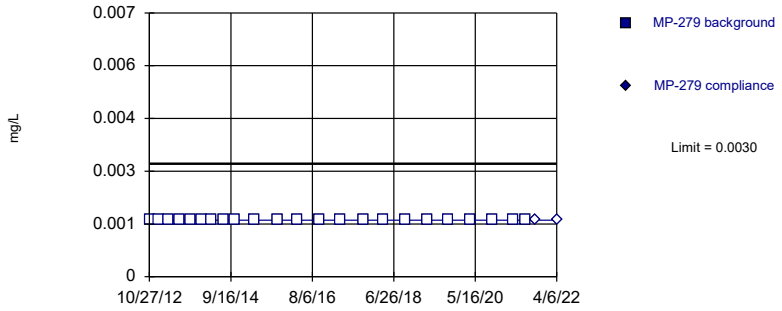

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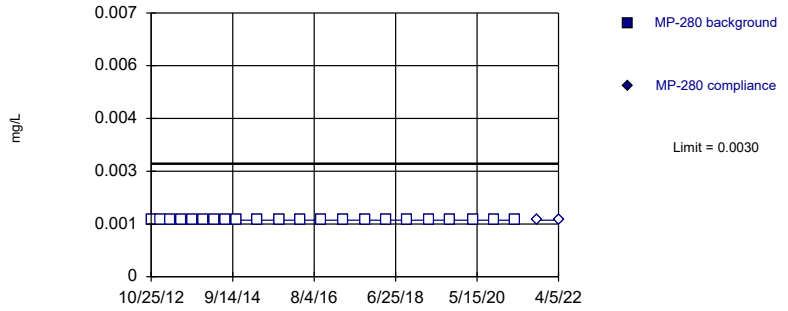

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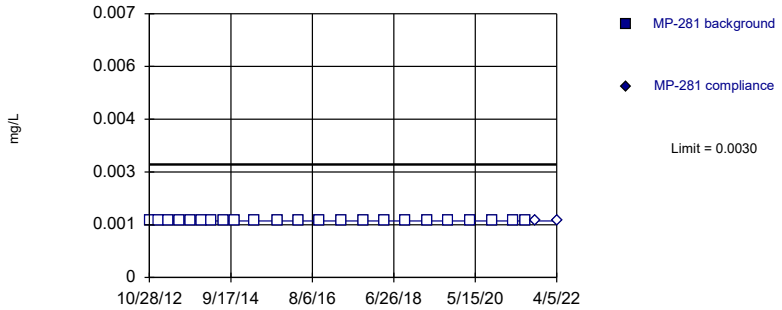

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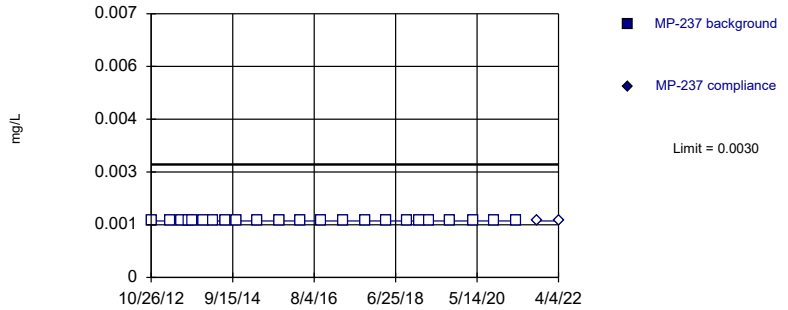

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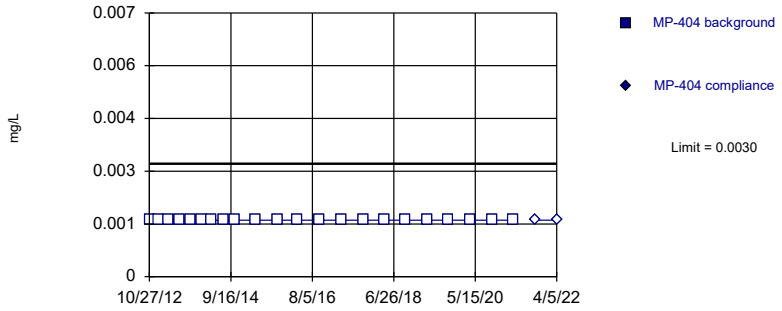

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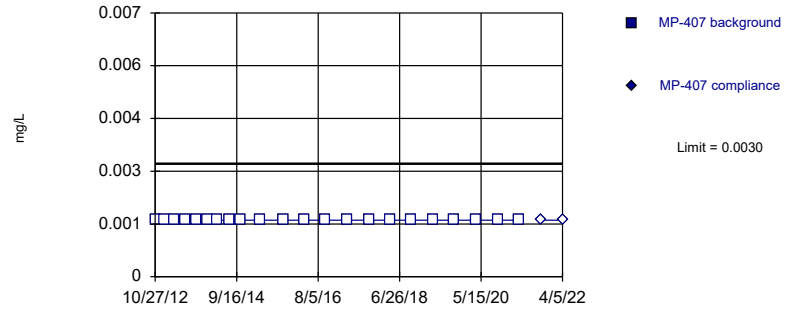

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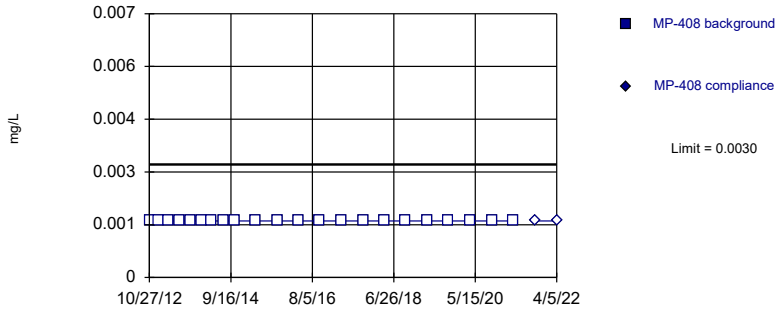

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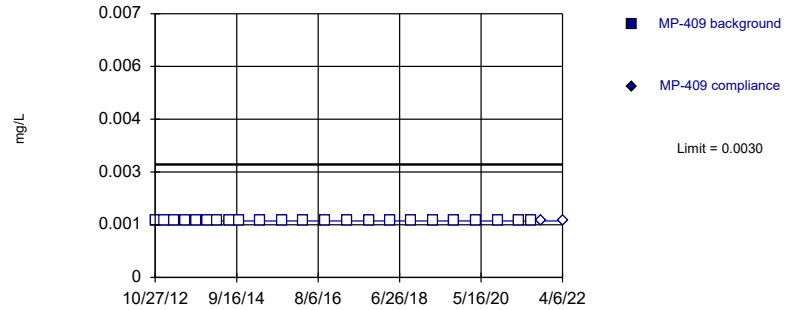
Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 23) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006819. Individual comparison alpha = 0.003415 (1 of 2).

Constituent: Silver Dissolved Analysis Run 5/19/2022 3:15 PM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Prediction Limit

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI Printed 5/19/2022, 3:18 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Method
Arsenic Dissolved (mg/L)	MP-233R	0.011	4/6/2022	0.002	No	28	0.005621	0.00247	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-234R	0.014	4/4/2022	0.0005ND	No	31	0.0058	0.003478	19.35	Kapla...	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-235R	0.0044	4/5/2022	0.0005ND	No	27	0.00000...	0.0000...	25.93	Kapla...	x^2	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-238R	0.0010	4/5/2022	0.0005ND	No	27	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic Dissolved (mg/L)	MP-241R	0.0031	4/4/2022	0.0005ND	No	27	0.001781	0.0005519	3.704	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-244R	0.0056	4/5/2022	0.0005ND	No	27	0.04318	0.01348	29.63	Kapla...	sqrt(x)	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-250	0.0036	4/5/2022	0.0014	No	28	0.001714	0.0007915	10.71	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-274	0.0032	4/6/2022	0.0005ND	No	26	0.00000...	0.0000...	23.08	Kapla...	x^2	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-279	0.045	4/6/2022	0.0005ND	No	41	0.01974	0.01143	14.63	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-280	0.032	4/5/2022	0.024	No	51	0.02623	0.002839	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-281	0.0033	4/5/2022	0.0005ND	No	27	0.00000...	0.0000...	25.93	Kapla...	x^2	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-237	0.0017	4/4/2022	0.0005ND	No	23	0.00000...	6.7e-7	34.78	Kapla...	x^2	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-404	0.0057	4/5/2022	0.0014	No	22	0.002886	0.001153	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-407	0.0068	4/5/2022	0.0005ND	No	22	0.00001346	0.0000...	27.27	Kapla...	x^2	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-408	0.098	4/5/2022	0.071	No	9	0.08178	0.004994	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-409	0.0032	4/6/2022	0.0018	No	23	0.002196	0.0004106	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-233R	0.51	4/6/2022	0.42	No	22	0.4491	0.02408	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-234R	0.057	4/4/2022	0.043	No	25	0.04388	0.005372	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-235R	0.049	4/5/2022	0.041	No	23	0.04213	0.002702	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-238R	0.05	4/5/2022	0.044	No	24	0.04396	0.002422	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-241R	0.064	4/4/2022	0.051	No	11	0.04718	0.005546	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-244R	0.026	4/5/2022	0.018	No	23	0.02048	0.002233	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-250	0.056	4/5/2022	0.044	No	24	0.04746	0.003476	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-274	0.45	4/6/2022	0.42	No	22	0.3995	0.02104	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-279	1.3	4/6/2022	1.1	No	11	1.063	0.09221	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-280	0.36	4/5/2022	0.29	No	22	0.3195	0.01731	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-281	0.3	4/5/2022	0.26	No	23	0.2683	0.01302	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-237	0.044	4/4/2022	0.031	No	13	0.03215	0.004356	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-404	0.43	4/5/2022	0.36	No	22	0.3691	0.02448	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-407	0.77	4/5/2022	0.73	No	22	0.6977	0.02776	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-408	0.77	4/5/2022	0.73	No	22	0.6614	0.04528	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-409	0.15	4/6/2022	0.12	No	8	0.1238	0.00744	0	None	No	Param Intra 1 of 2
Cadmium Dissolved (mg/L)	MP-233R	0.0010	4/6/2022	0.0005ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-234R	0.0010	4/4/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-235R	0.0010	4/5/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-238R	0.0010	4/5/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-241R	0.0010	4/4/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-244R	0.0010	4/5/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-250	0.0010	4/5/2022	0.0005ND	No	24	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-274	0.0010	4/6/2022	0.0005ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-279	0.0010	4/6/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-280	0.0010	4/5/2022	0.0005ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-281	0.0010	4/5/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-237	0.0010	4/4/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-404	0.0010	4/5/2022	0.0005ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-407	0.0010	4/5/2022	0.0005ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-408	0.0010	4/5/2022	0.0005ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-409	0.0010	4/6/2022	0.0005ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-233R	0.0096	4/6/2022	0.0025ND	No	51	n/a	n/a	96.08	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-234R	0.0057	4/4/2022	0.0025ND	No	51	n/a	n/a	98.04	n/a	n/a	NP Intra (NDs) 1 of 2

Prediction Limit

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI Printed 5/19/2022, 3:18 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Method
Chromium Dissolved (mg/L)	MP-235R	0.0075	4/5/2022	0.0025ND	No	53	n/a	n/a	96.23	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-238R	0.0050	4/5/2022	0.0025ND	No	52	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-241R	0.0050	4/4/2022	0.0025ND	No	52	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-244R	0.0071	4/5/2022	0.0025ND	No	52	n/a	n/a	98.08	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-250	0.0050	4/5/2022	0.0025ND	No	52	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-274	0.0078	4/6/2022	0.0025ND	No	52	n/a	n/a	96.15	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-279	0.0050	4/6/2022	0.0025ND	No	50	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-280	0.0084	4/5/2022	0.0025ND	No	52	n/a	n/a	96.15	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-281	0.0071	4/5/2022	0.0025ND	No	54	n/a	n/a	94.44	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-237	0.0050	4/4/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-404	0.0050	4/5/2022	0.0025ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-407	0.0050	4/5/2022	0.0025ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-408	0.0050	4/5/2022	0.0025ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-409	0.0050	4/6/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-233R	0.0050	4/6/2022	0.0025ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-234R	0.0050	4/4/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-235R	0.0050	4/5/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-238R	0.0050	4/5/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-241R	0.0050	4/4/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-244R	0.0050	4/5/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-250	0.0050	4/5/2022	0.0025ND	No	24	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-274	0.0050	4/6/2022	0.0025ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-279	0.0050	4/6/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-280	0.0050	4/5/2022	0.0025ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-281	0.0050	4/5/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-237	0.0050	4/4/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-404	0.0050	4/5/2022	0.0025ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-407	0.0050	4/5/2022	0.0025ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-408	0.0050	4/5/2022	0.0025ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-409	0.0050	4/6/2022	0.0025ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-233R	0.00020	4/6/2022	0.0001ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-234R	0.00020	4/4/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-235R	0.00020	4/5/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-238R	0.00020	4/5/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-241R	0.00020	4/4/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-244R	0.00020	4/5/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-250	0.00020	4/5/2022	0.0001ND	No	24	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-274	0.00020	4/6/2022	0.0001ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-279	0.00020	4/6/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-280	0.00020	4/5/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-281	0.00020	4/5/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-237	0.00020	4/4/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-404	0.00020	4/5/2022	0.0001ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-407	0.00020	4/5/2022	0.0001ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-408	0.00020	4/5/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-409	0.00020	4/6/2022	0.0001ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-233R	0.015	4/6/2022	0.0075ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-234R	0.015	4/4/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-235R	0.015	4/5/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-238R	0.015	4/5/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2

Prediction Limit

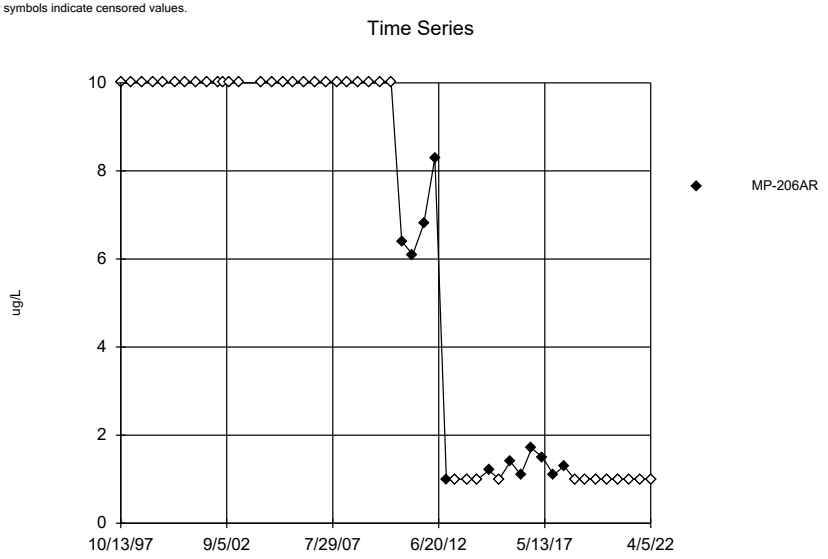
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI Printed 5/19/2022, 3:18 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Method
Selenium Dissolved (mg/L)	MP-241R	0.015	4/4/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-244R	0.015	4/5/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-250	0.015	4/5/2022	0.0075ND	No	24	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-274	0.015	4/6/2022	0.0075ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-279	0.015	4/6/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-280	0.015	4/5/2022	0.0075ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-281	0.015	4/5/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-237	0.015	4/4/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-404	0.015	4/5/2022	0.0075ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-407	0.015	4/5/2022	0.0075ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-408	0.015	4/5/2022	0.0075ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-409	0.015	4/6/2022	0.0075ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-233R	0.0030	4/6/2022	0.0015ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-234R	0.0030	4/4/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-235R	0.0030	4/5/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-238R	0.0030	4/5/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-241R	0.0030	4/4/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-244R	0.0030	4/5/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-250	0.0030	4/5/2022	0.0015ND	No	24	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-274	0.0030	4/6/2022	0.0015ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-279	0.0030	4/6/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-280	0.0030	4/5/2022	0.0015ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-281	0.0030	4/5/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-237	0.0030	4/4/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-404	0.0030	4/5/2022	0.0015ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-407	0.0030	4/5/2022	0.0015ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-408	0.0030	4/5/2022	0.0015ND	No	22	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-409	0.0030	4/6/2022	0.0015ND	No	23	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2

APPENDIX C.

TIME-SERIES PLOTS OF METALS RESULTS
UPPER SAND WELLS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.



Constituent: Arsenic Dissolved Analysis Run 5/12/2022 12:17 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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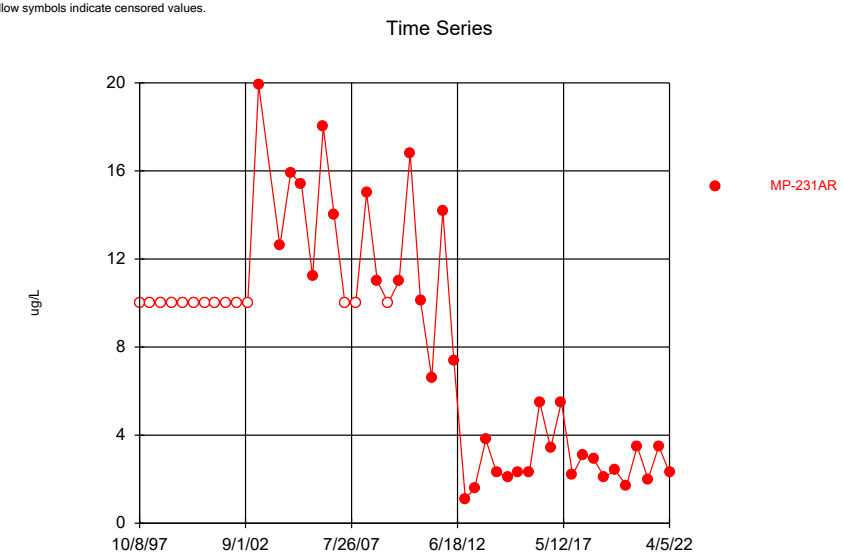

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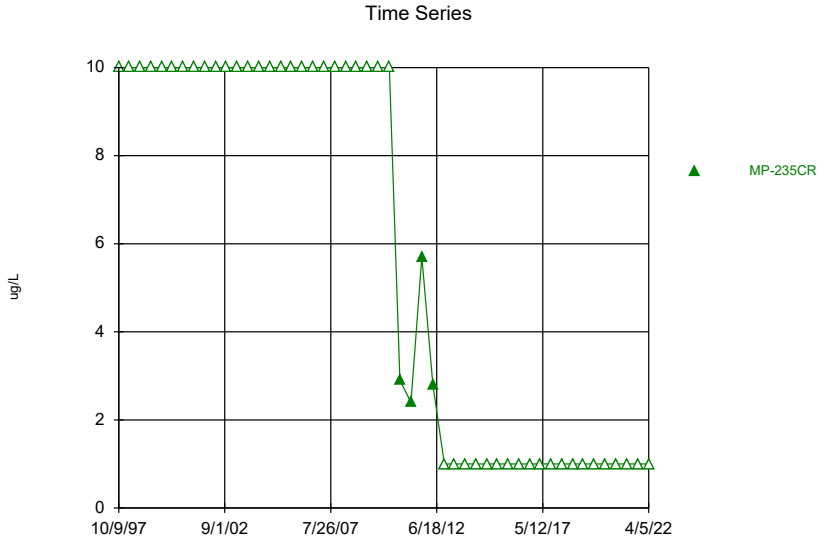

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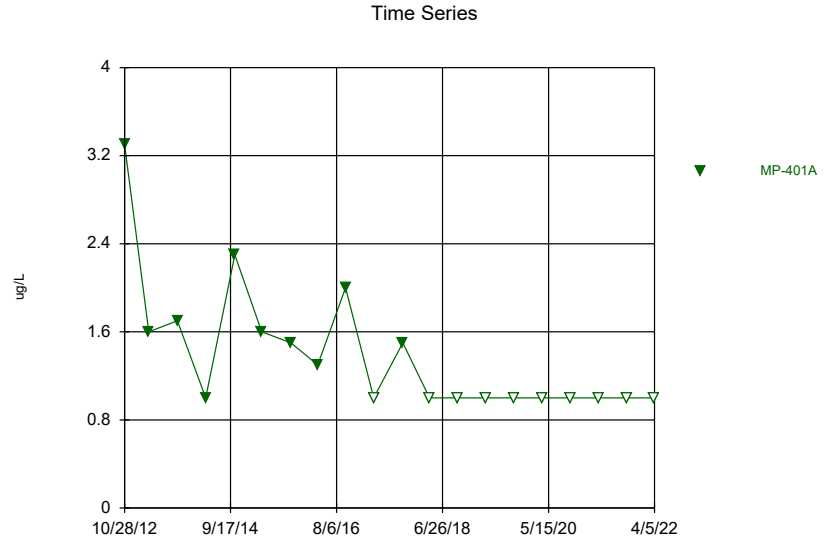

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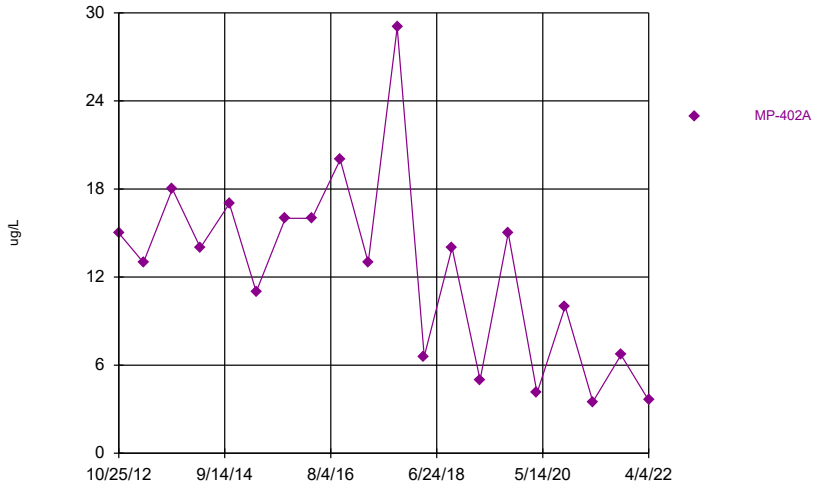
Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG

Time Series



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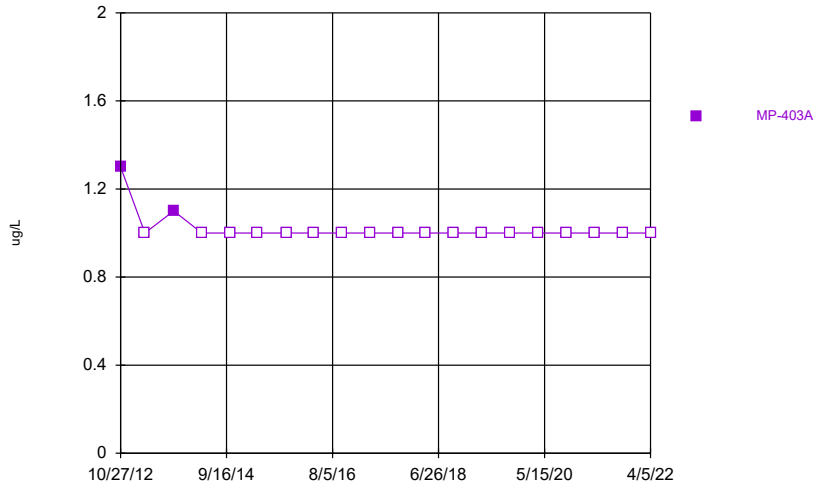
Hollow symbols indicate censored values.

Time Series



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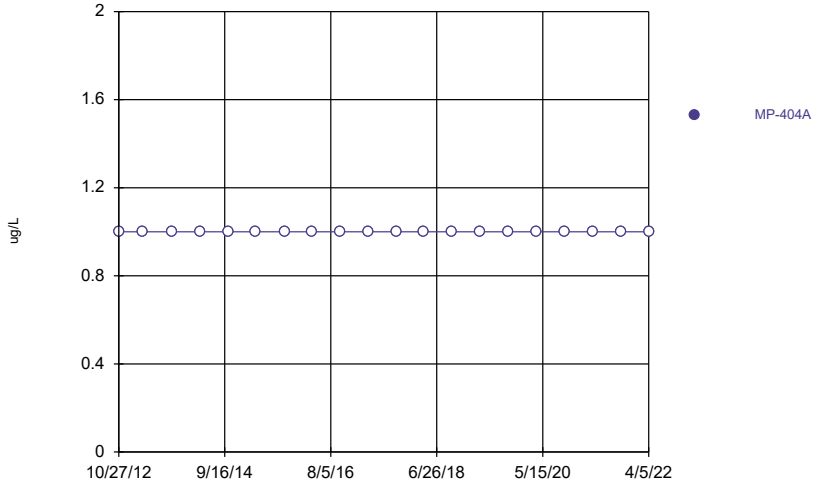

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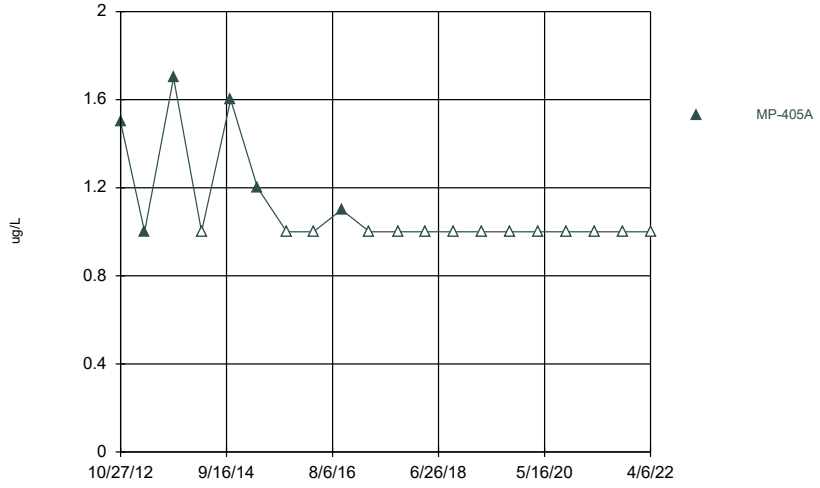

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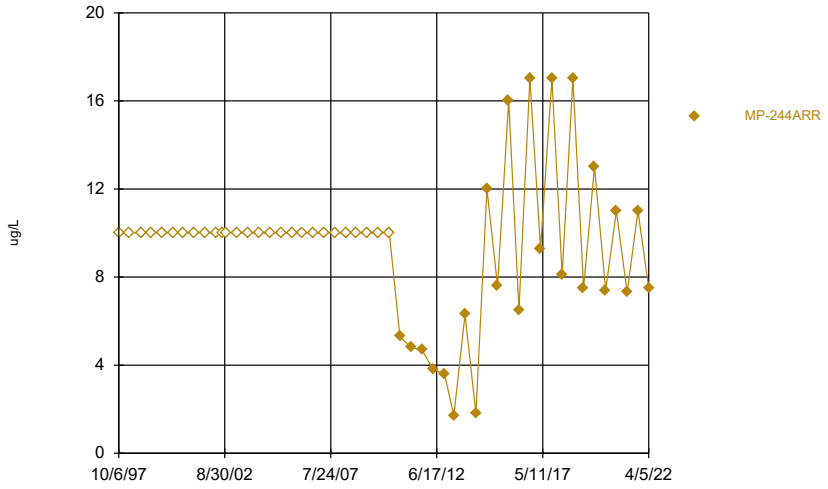

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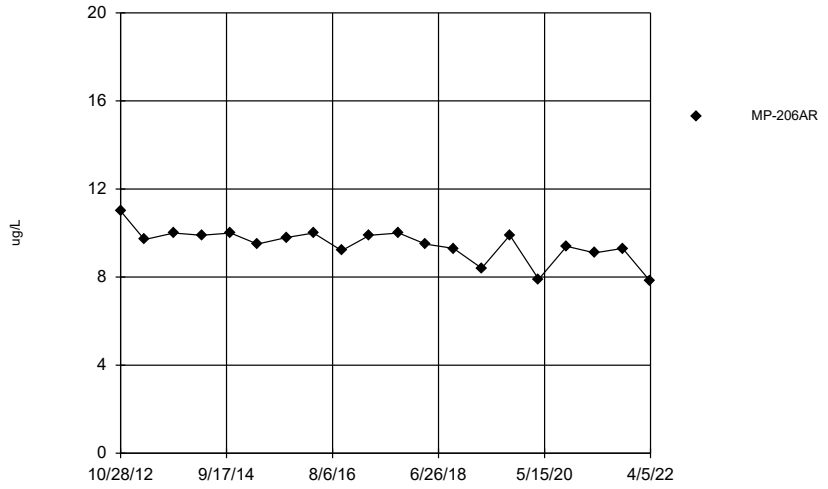

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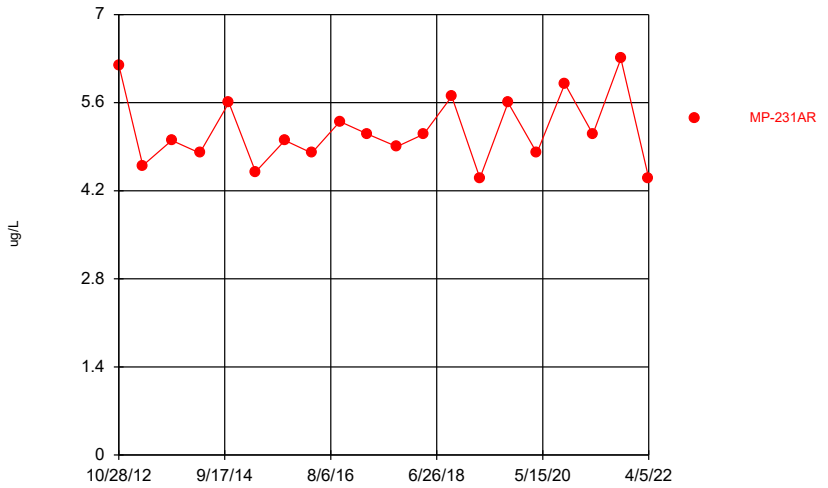

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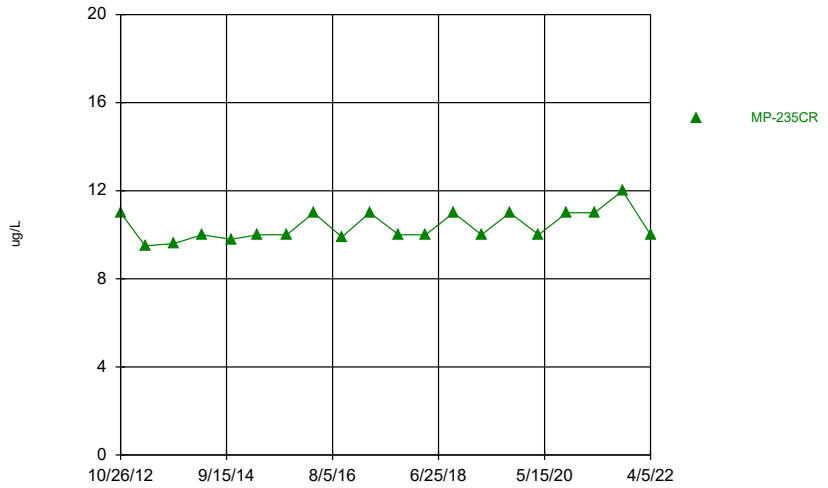

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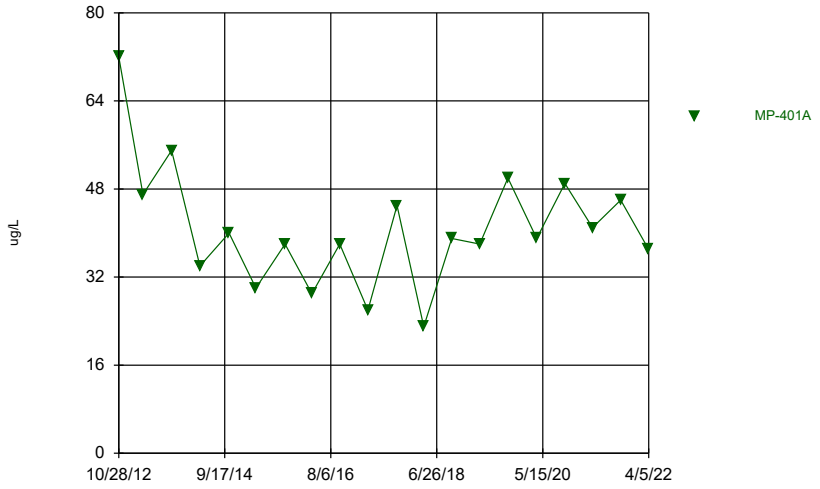

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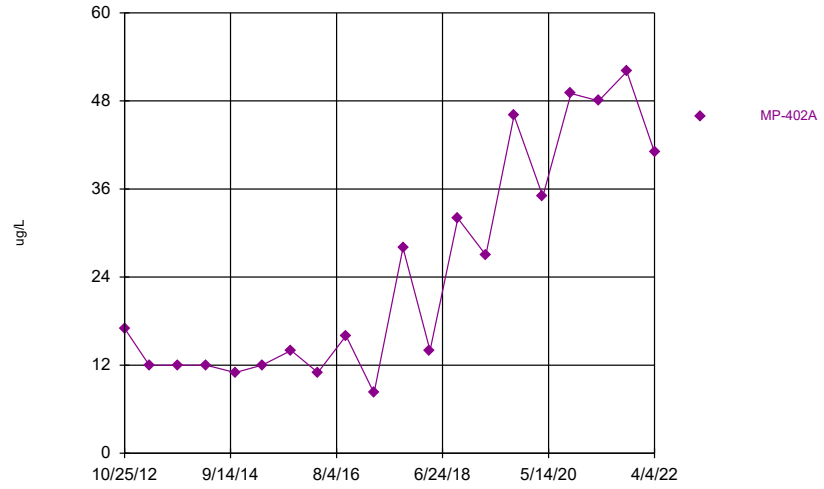

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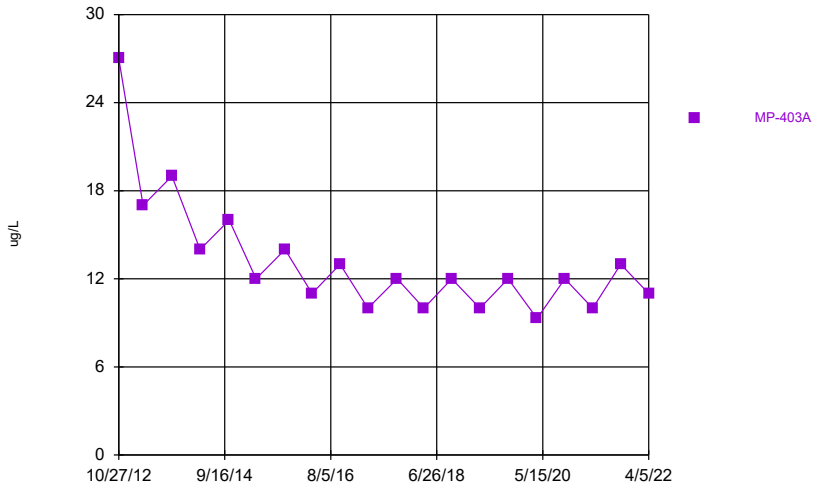

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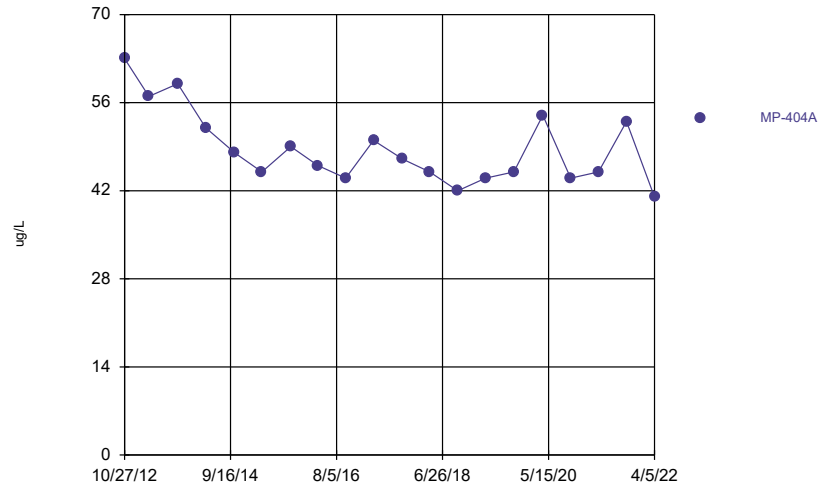

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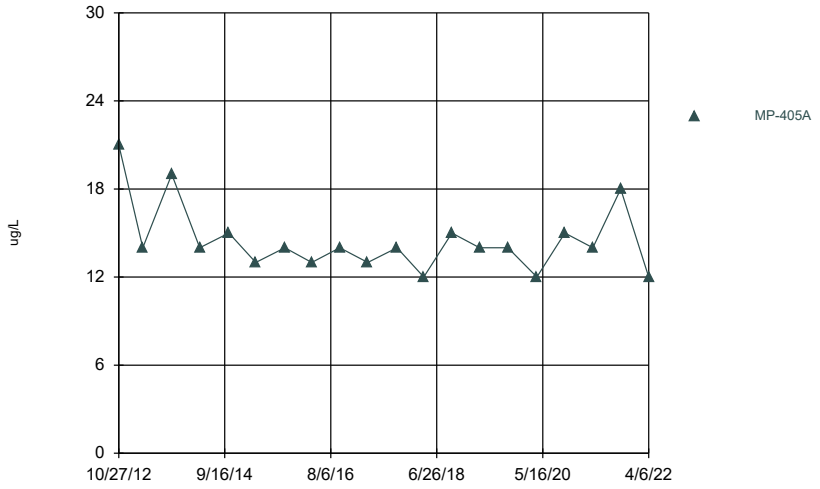

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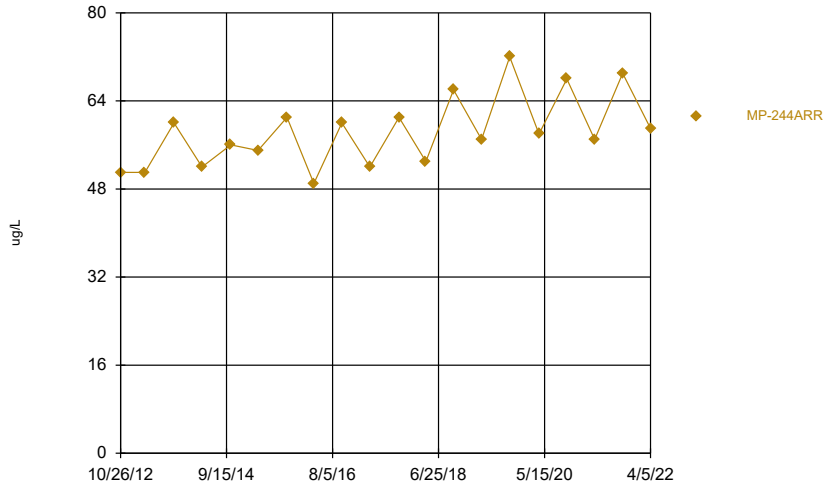

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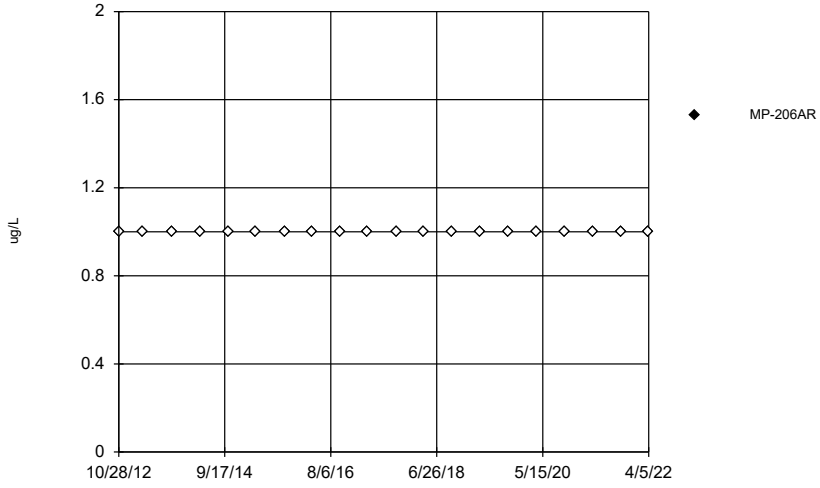

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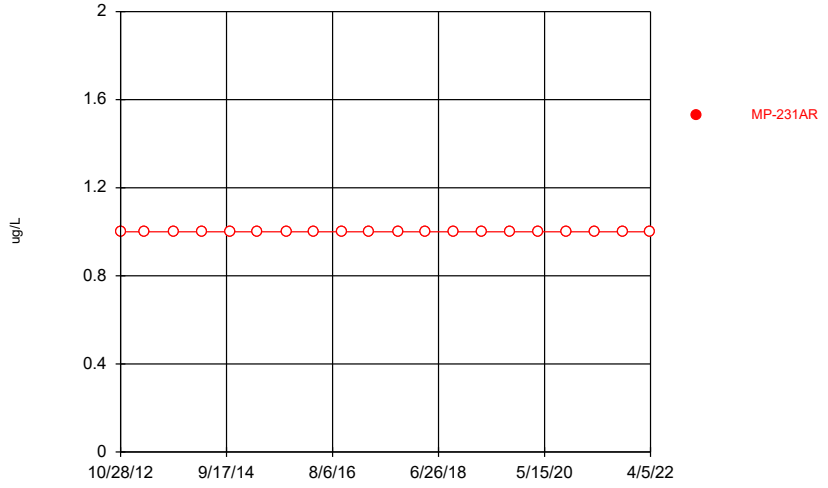

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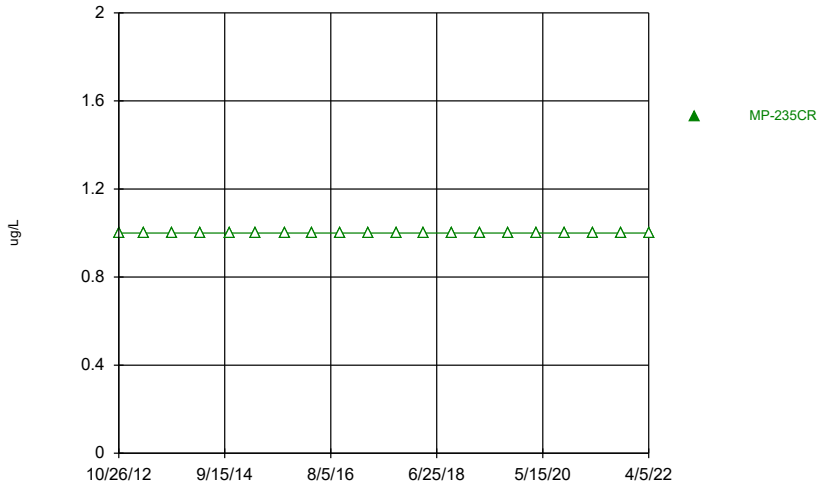

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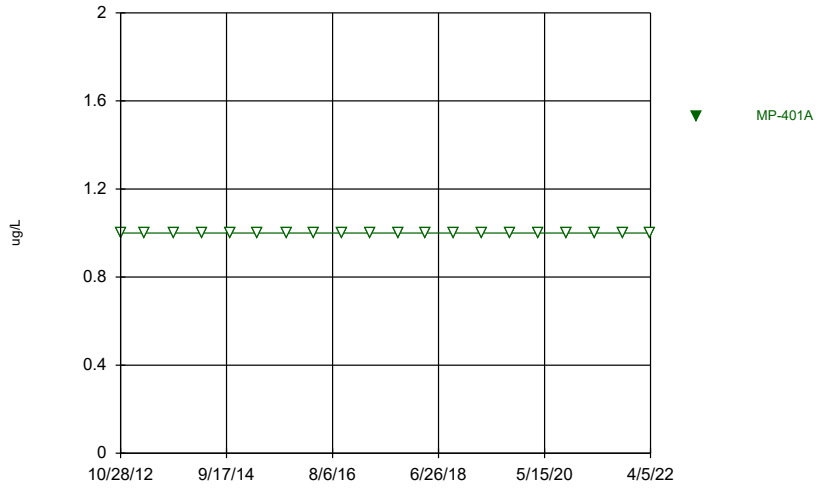

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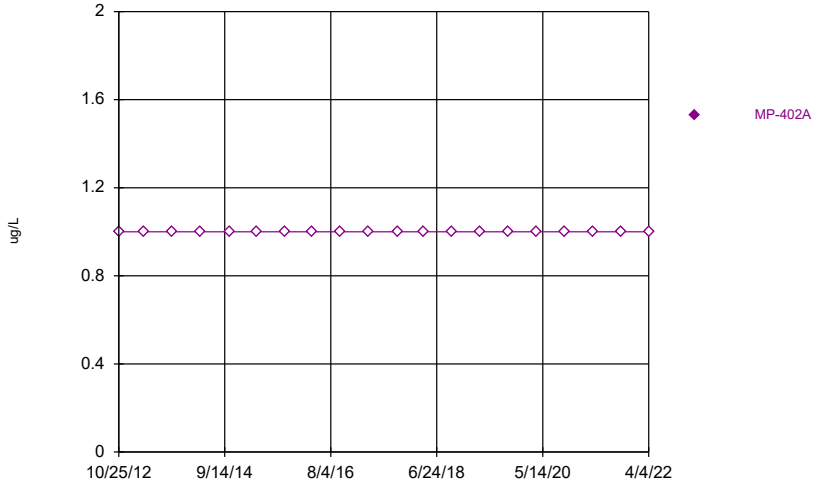

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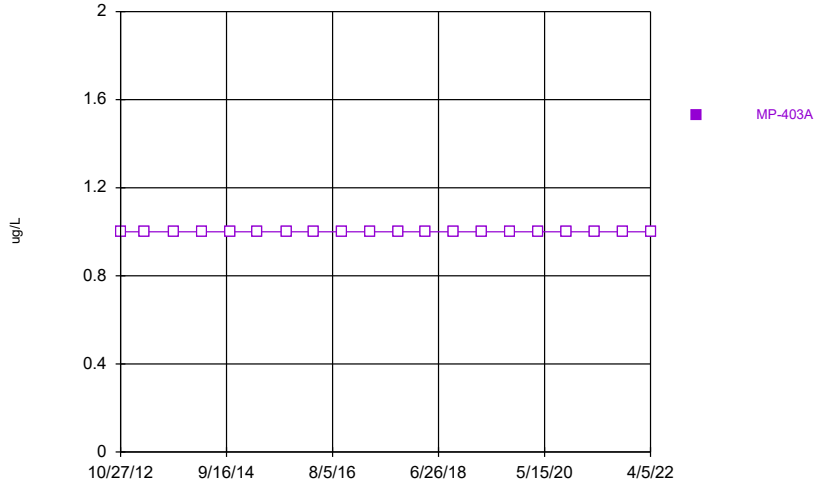

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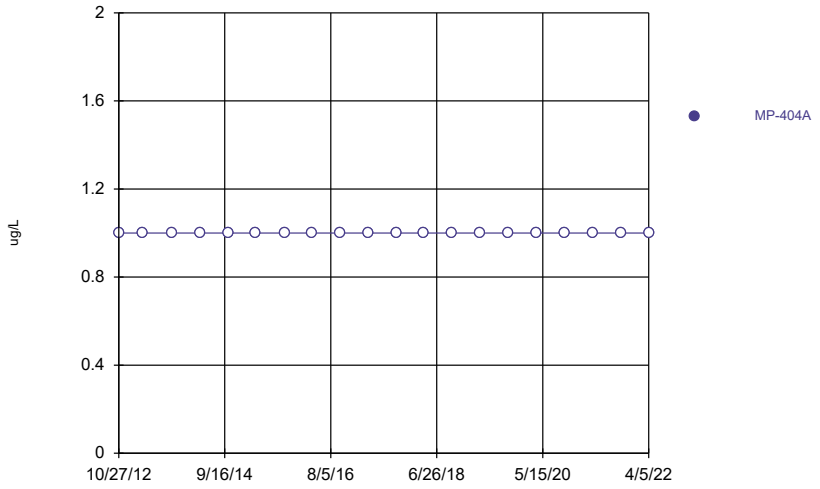

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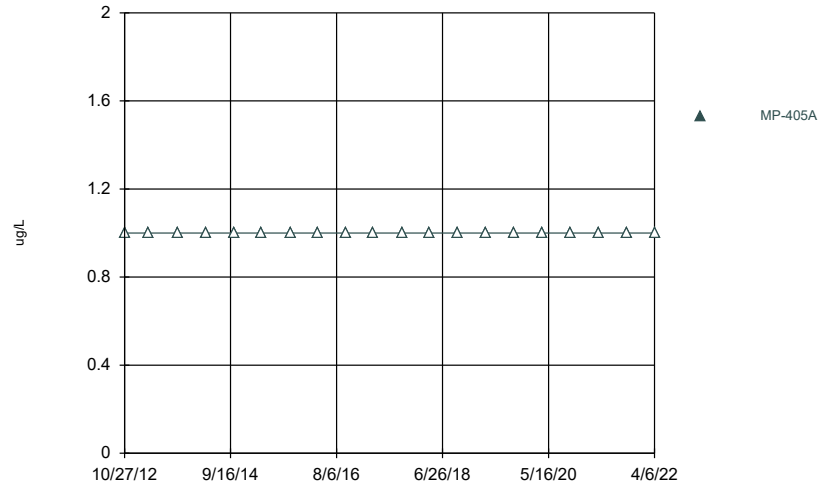

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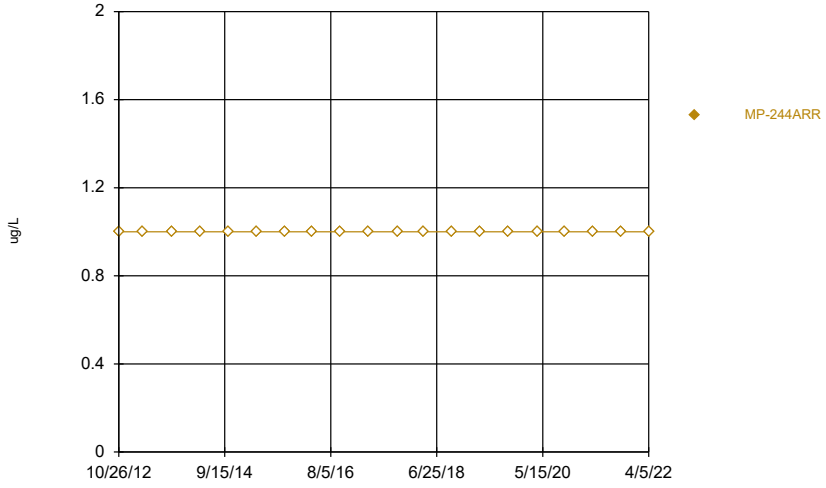

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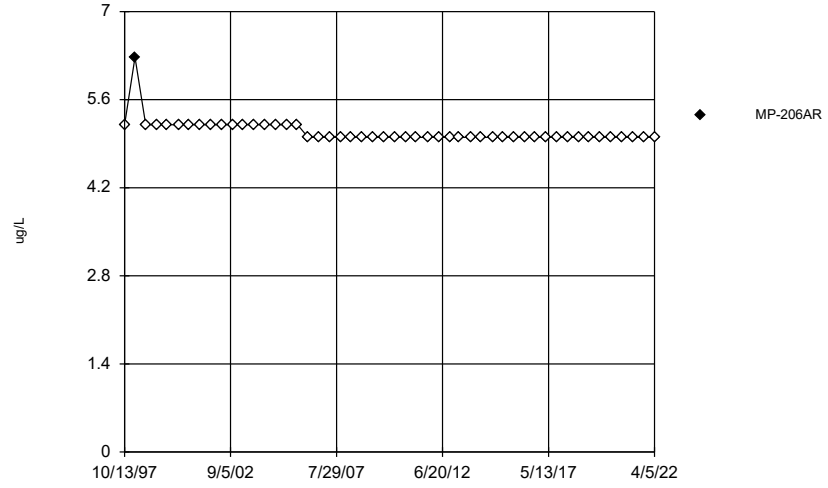

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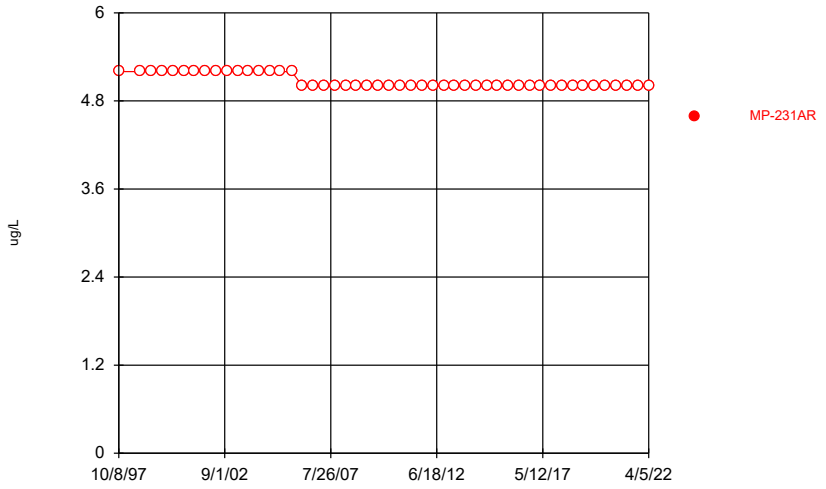

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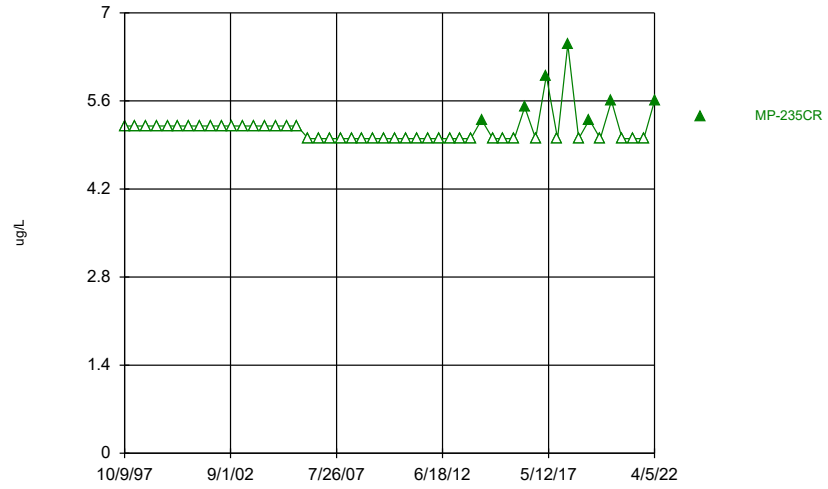

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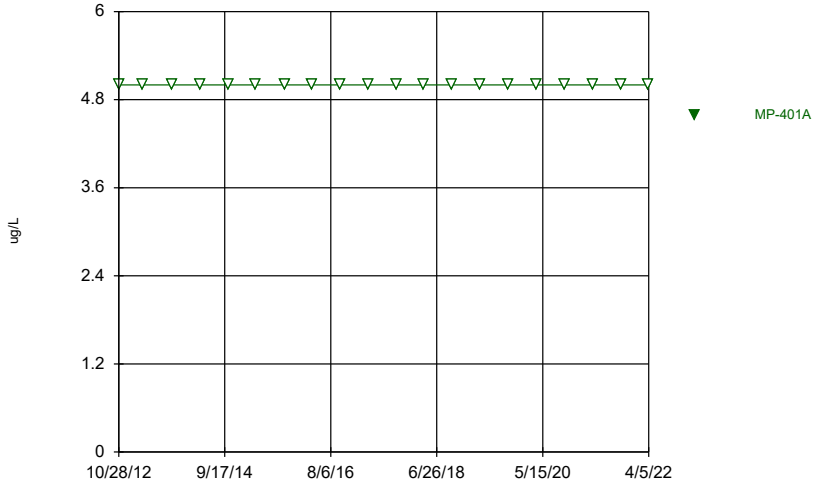

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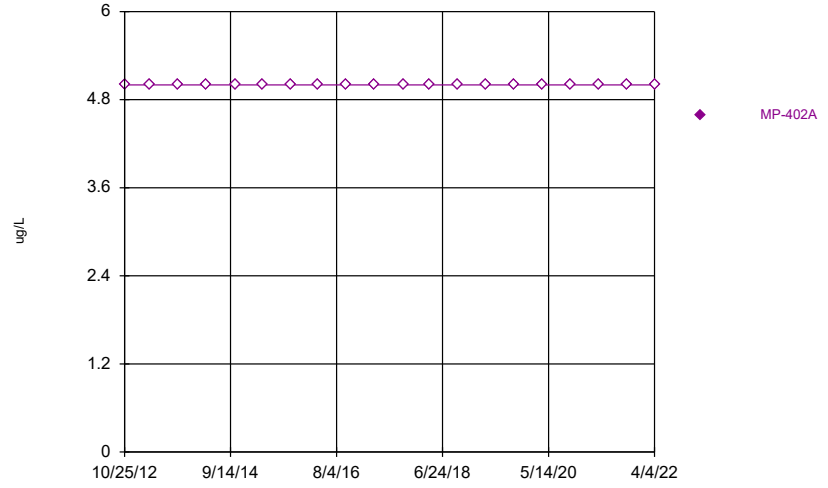

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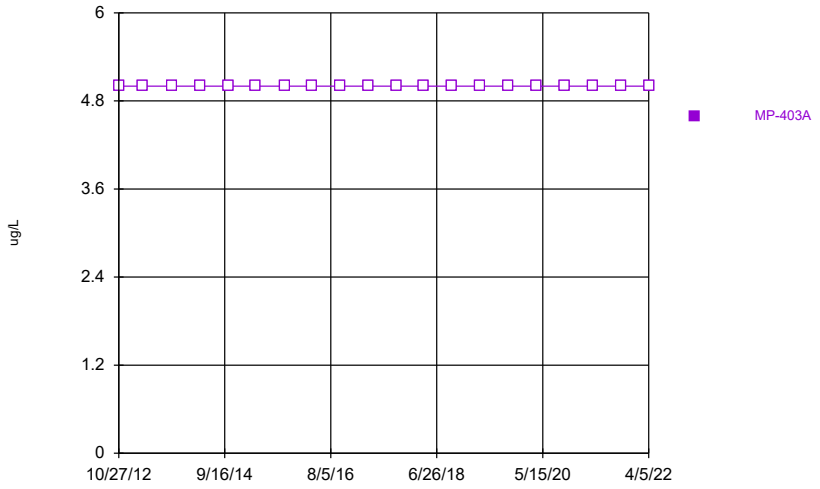

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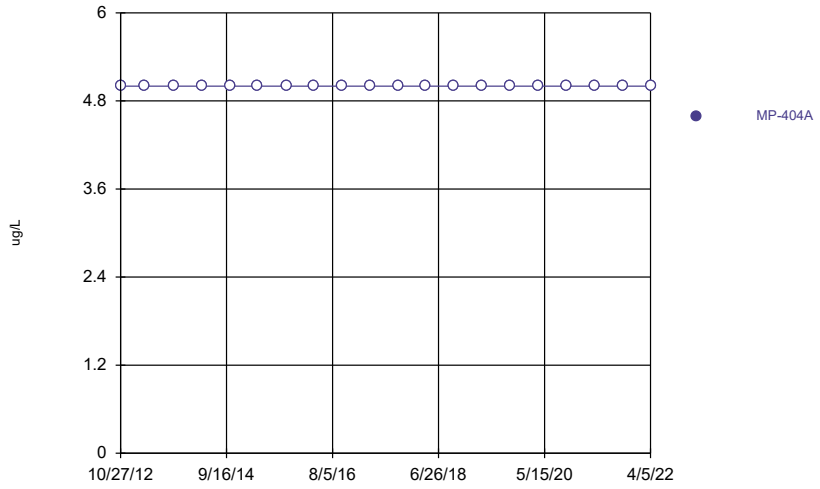

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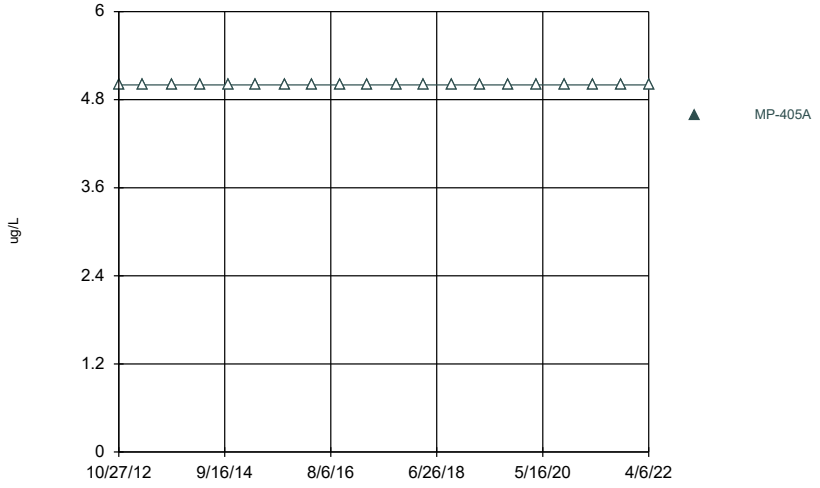

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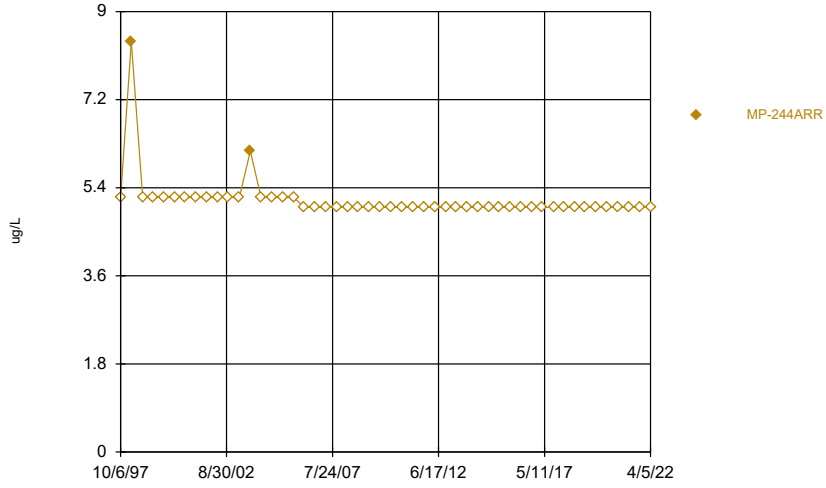

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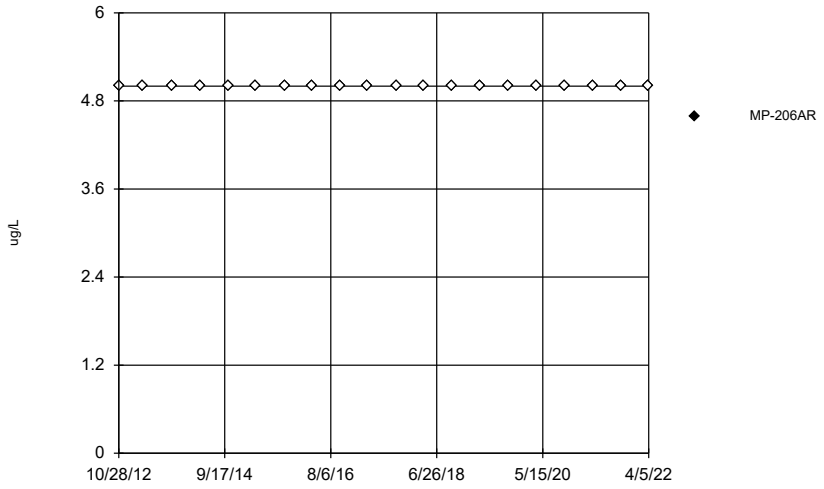
Hollow symbols indicate censored values.

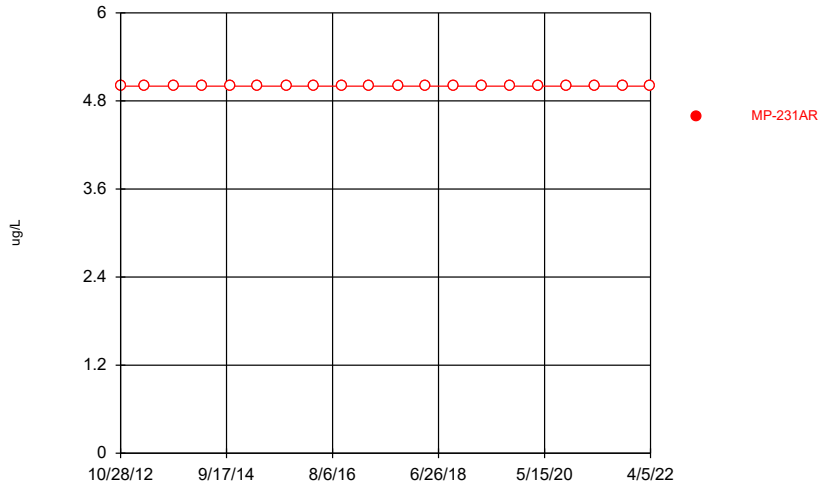
Time Series



Constituent: Lead Dissolved Analysis Run 5/12/2022 12:17 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

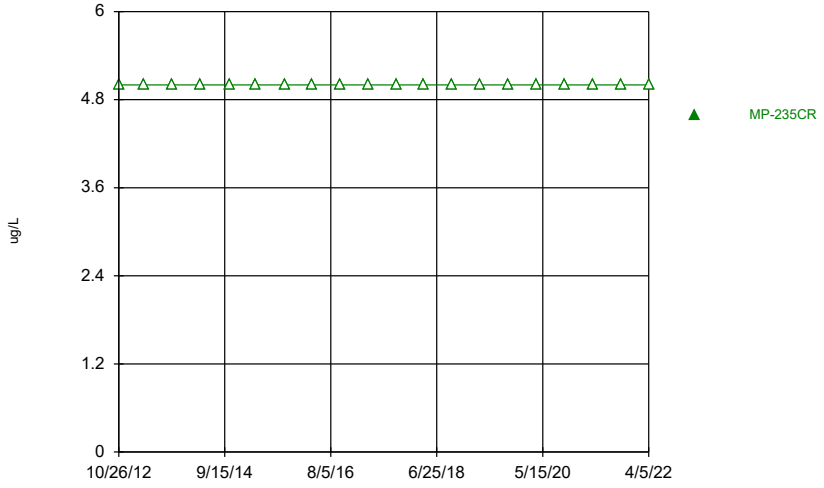
Time Series



Constituent: Lead Dissolved Analysis Run 5/12/2022 12:17 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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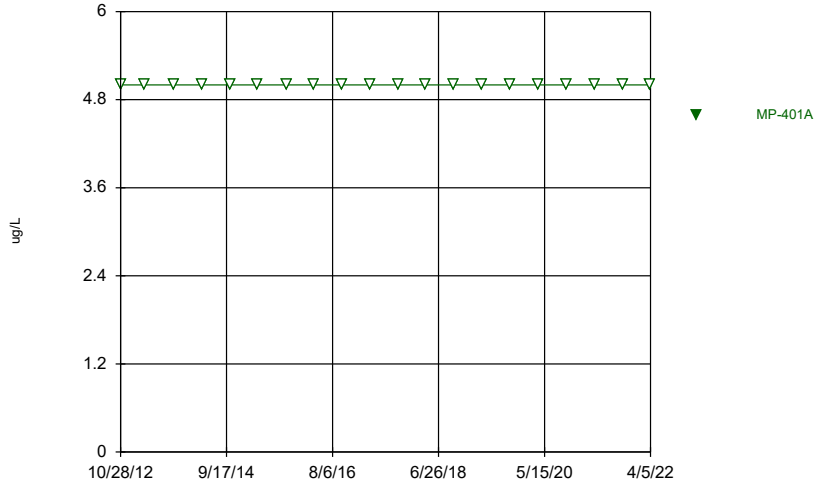
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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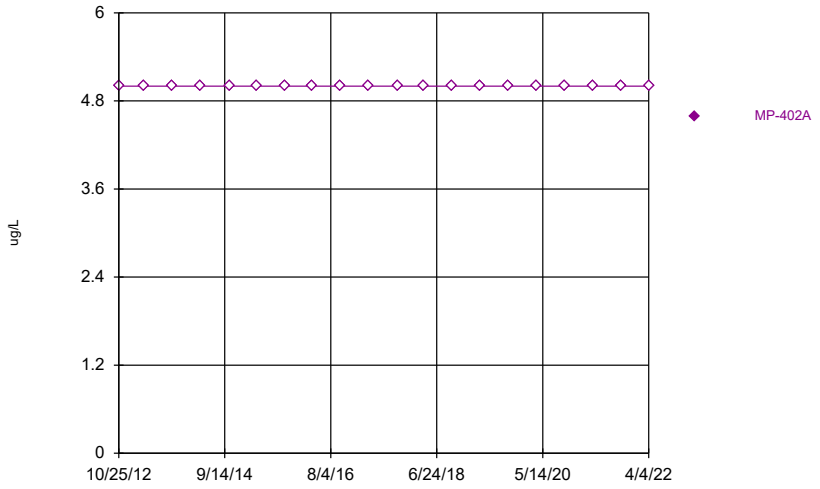
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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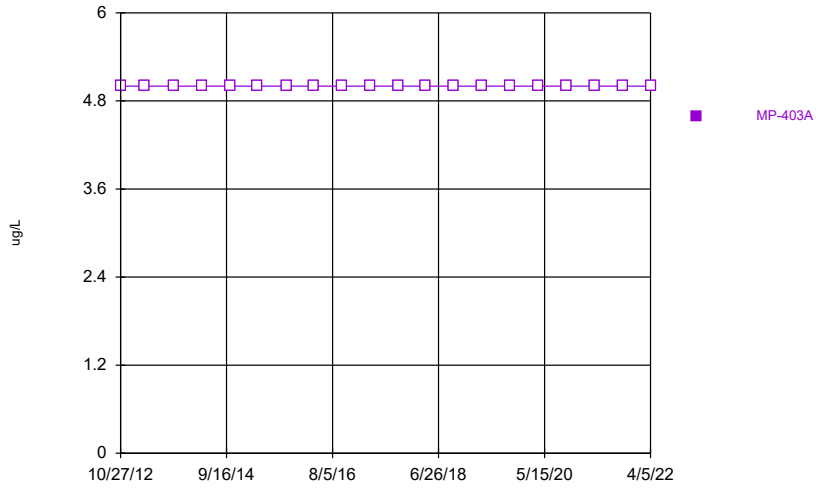

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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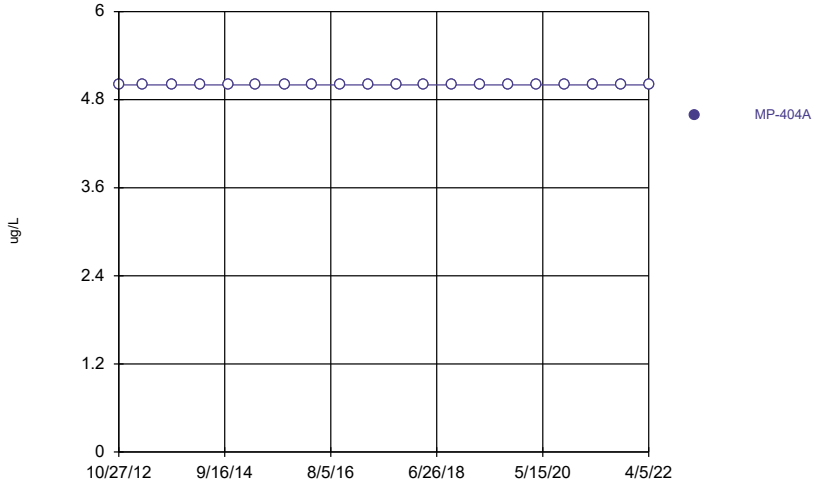

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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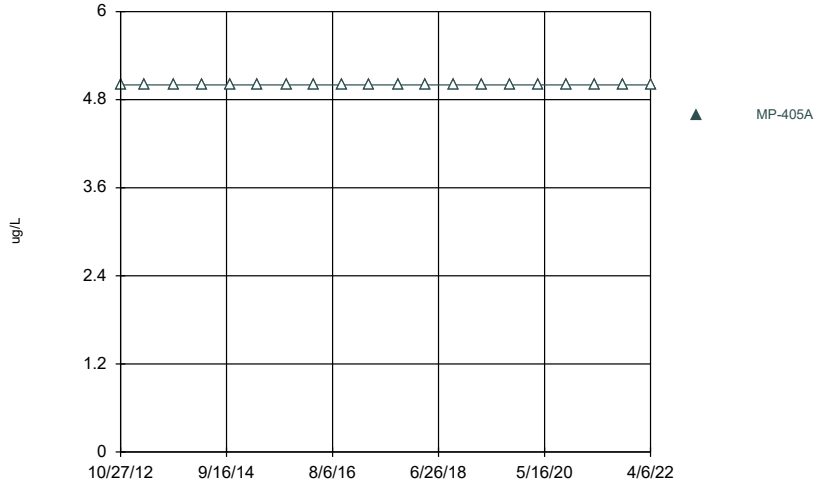

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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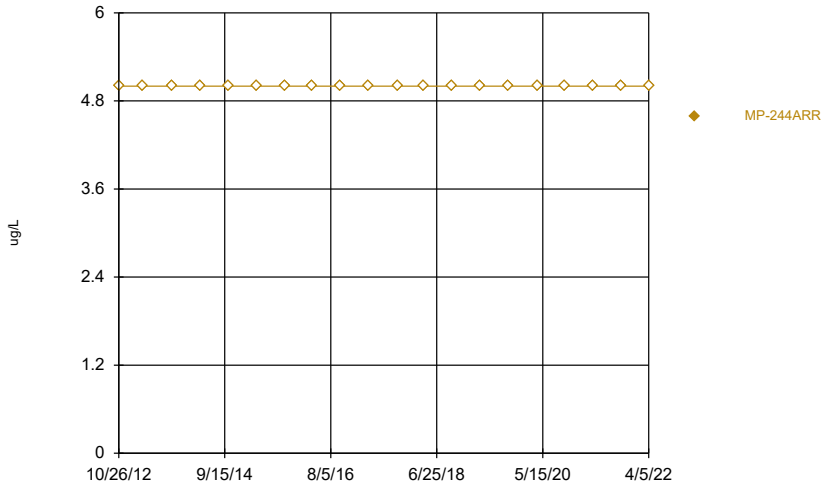

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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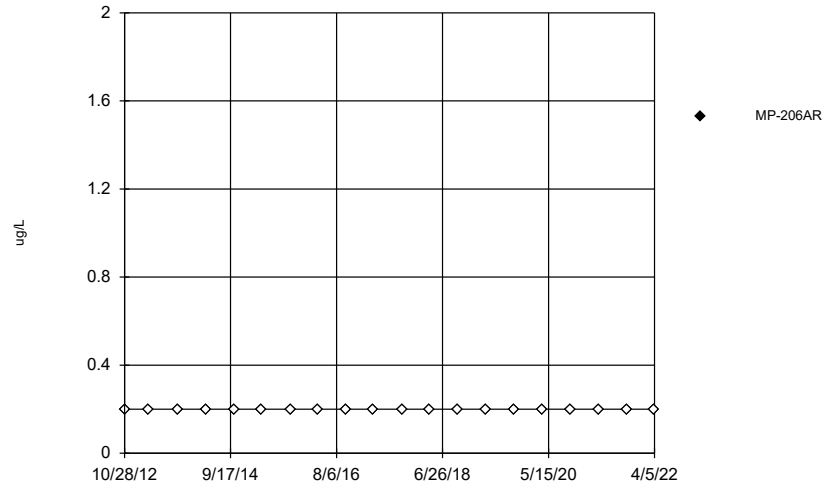

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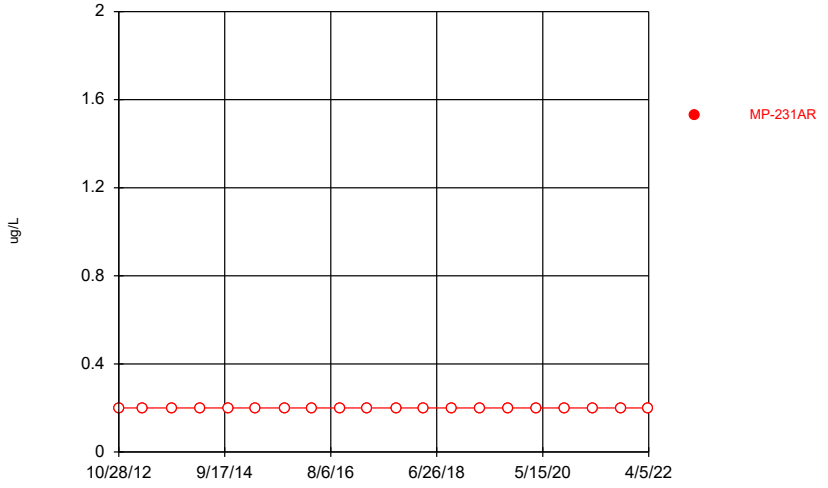
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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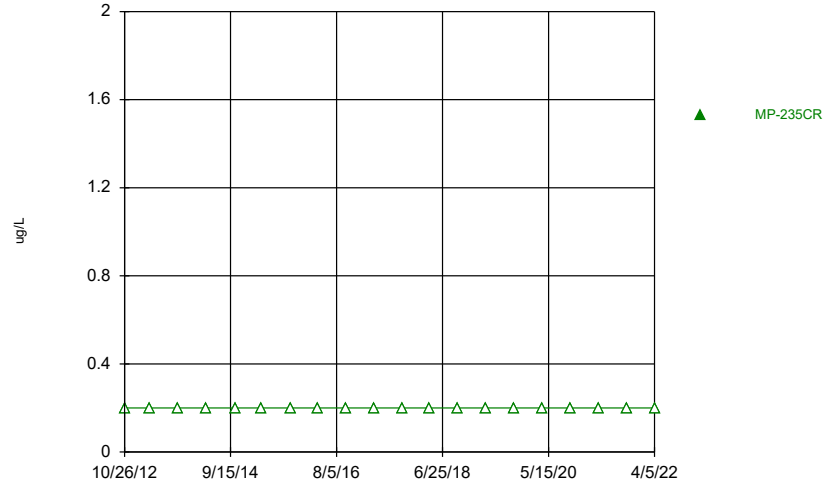

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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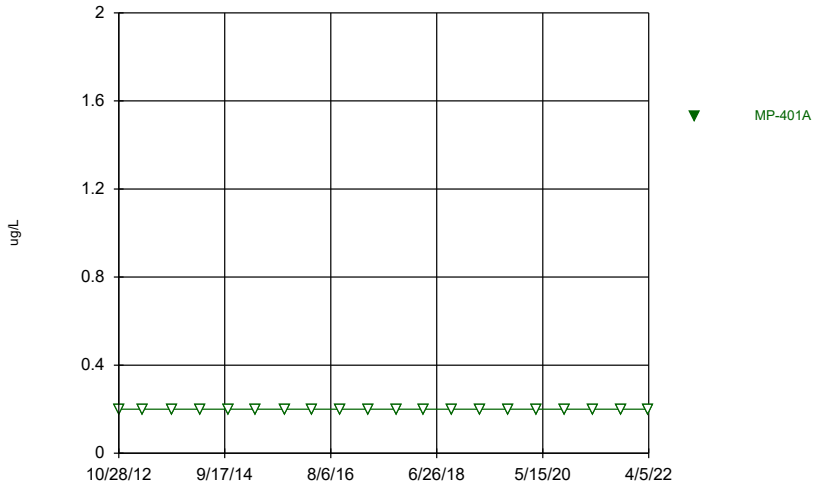

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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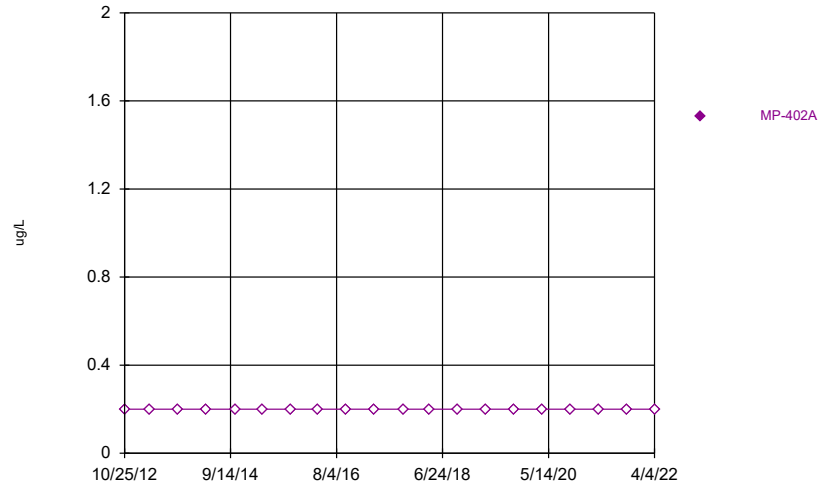

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Hollow symbols indicate censored values.

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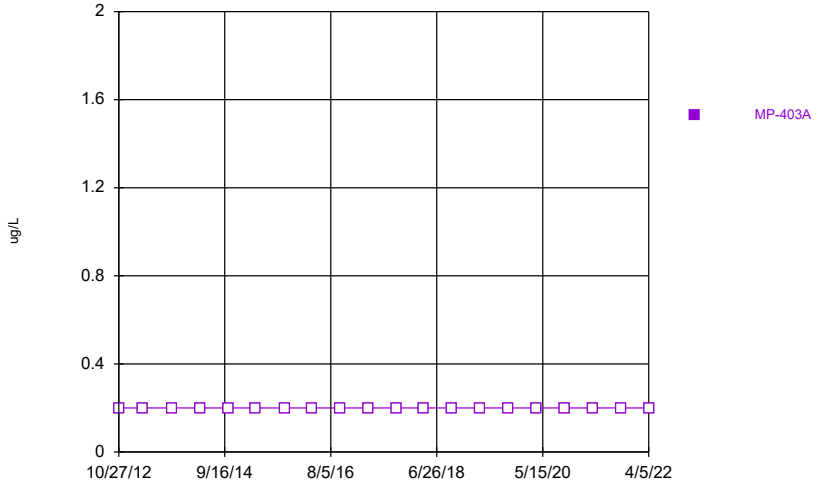

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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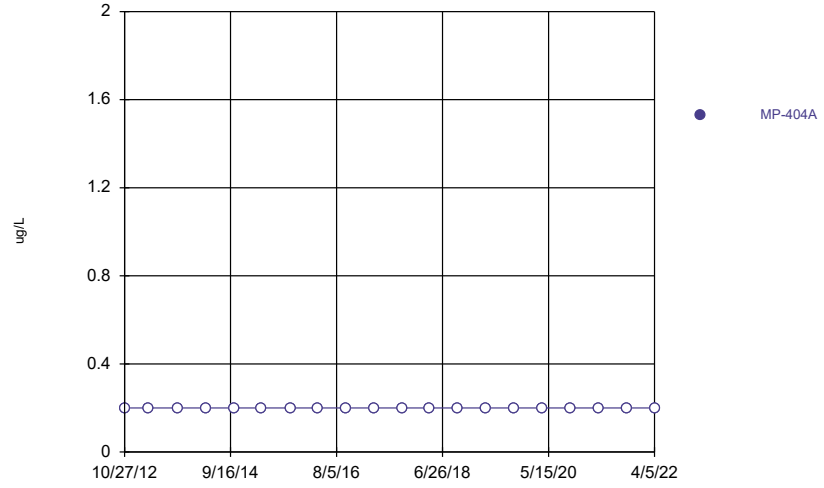

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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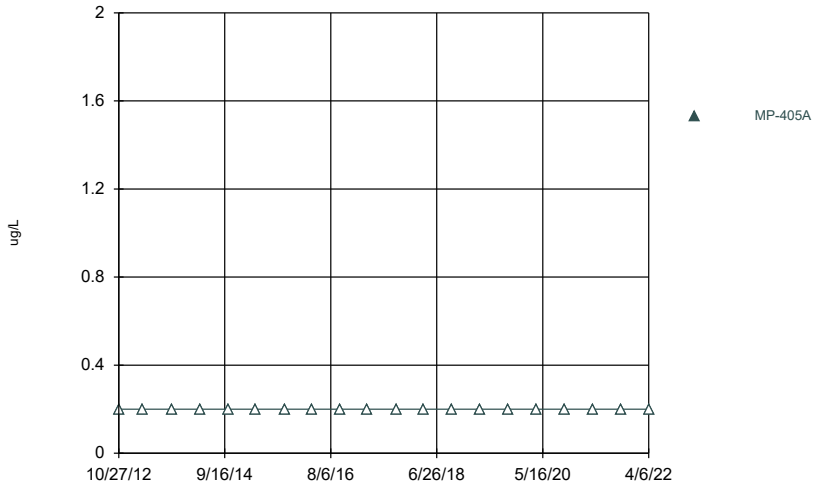

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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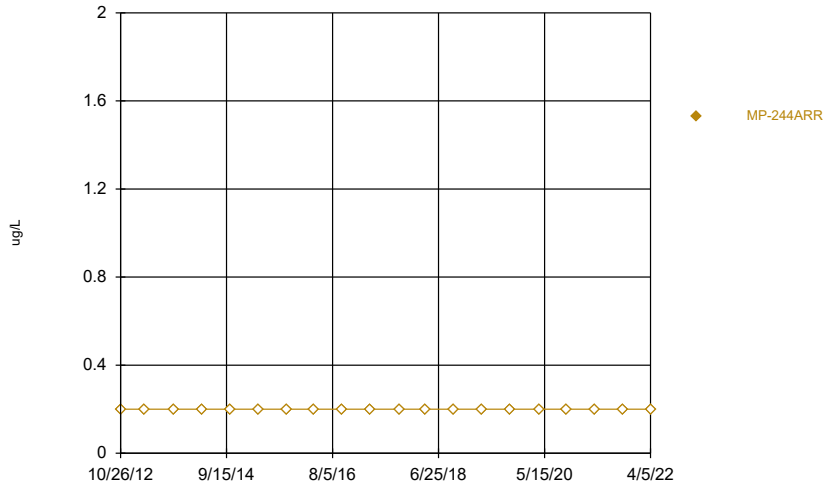

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

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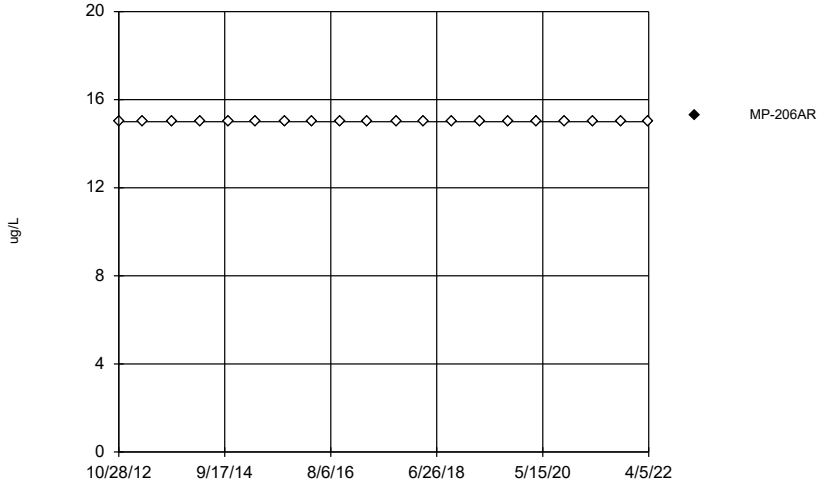

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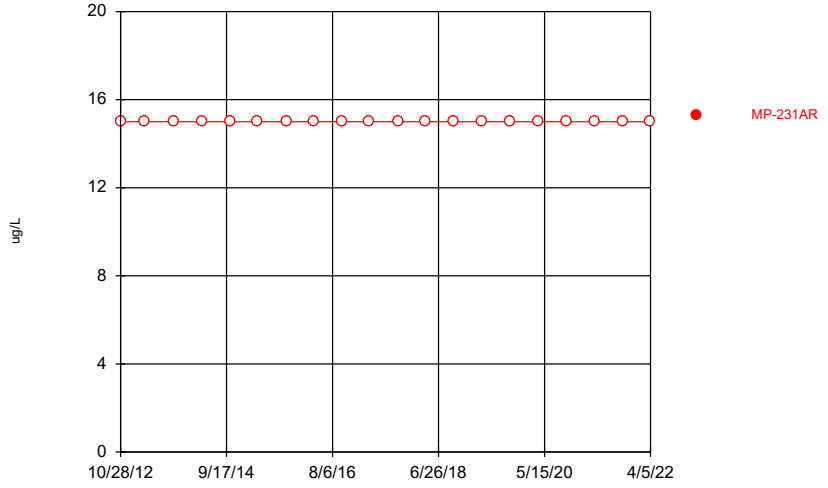

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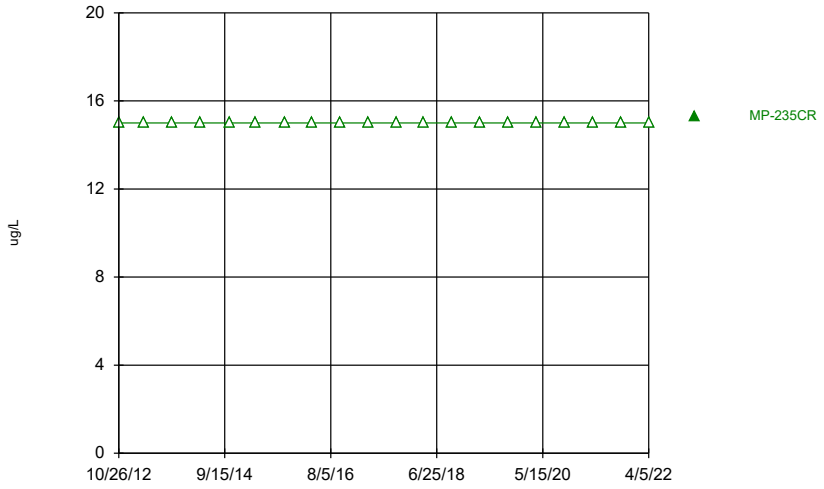

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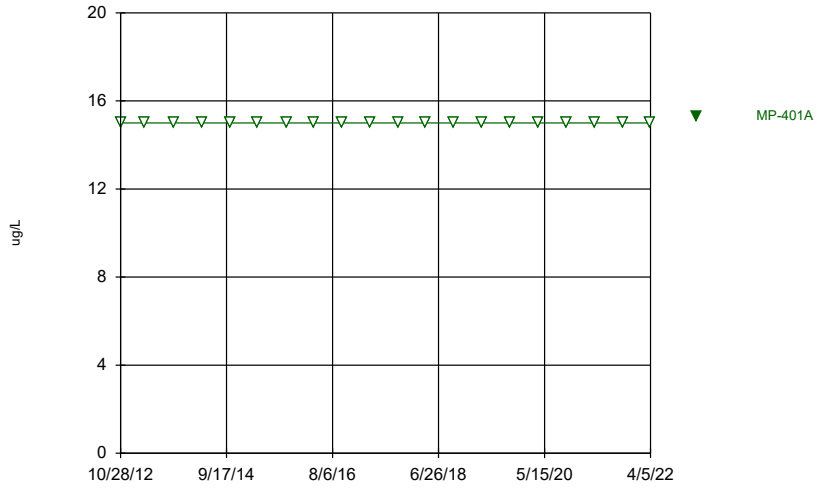

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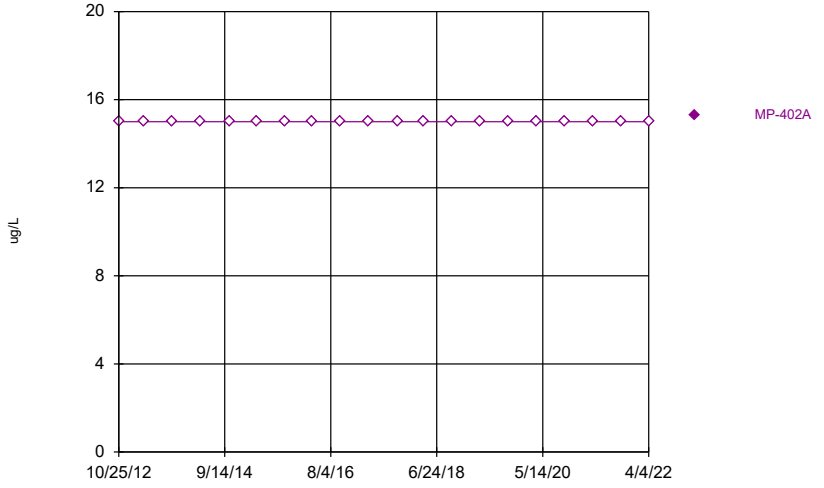
Time Series



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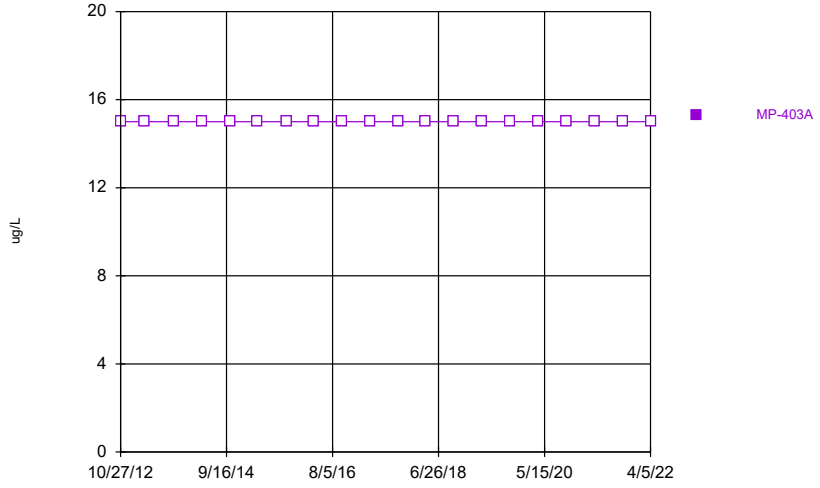

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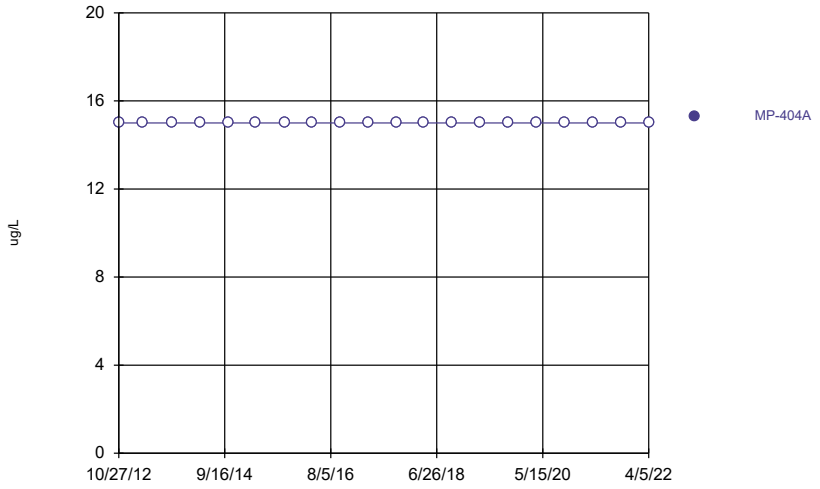

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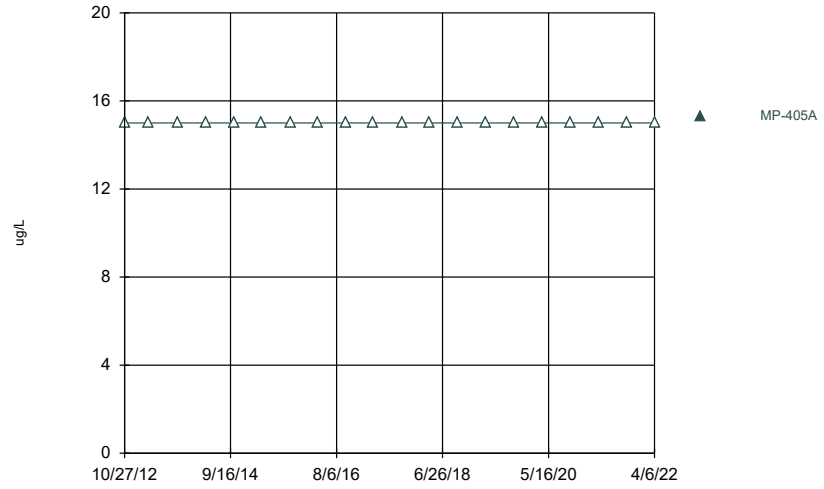

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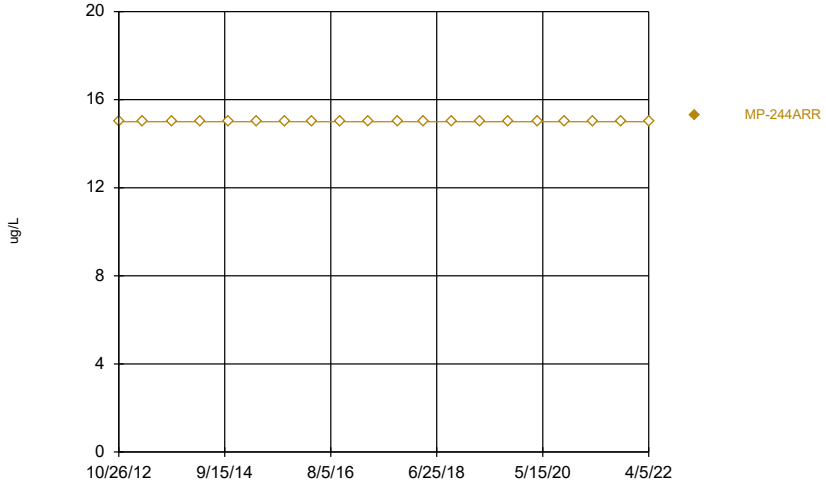

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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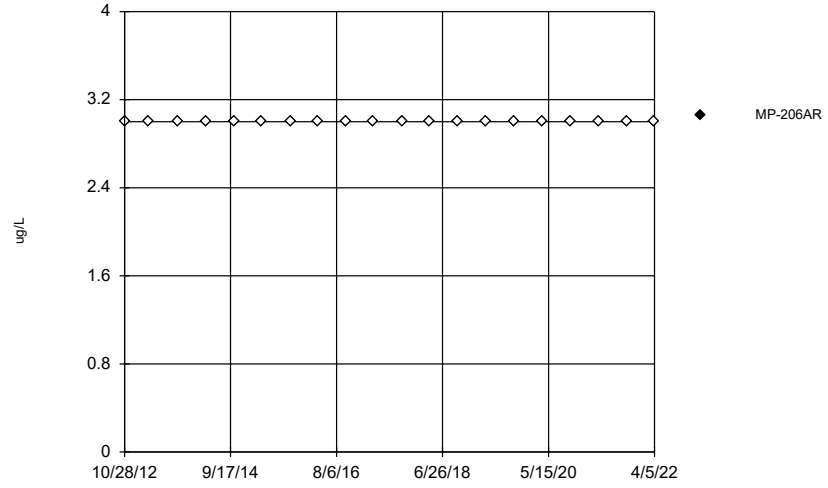

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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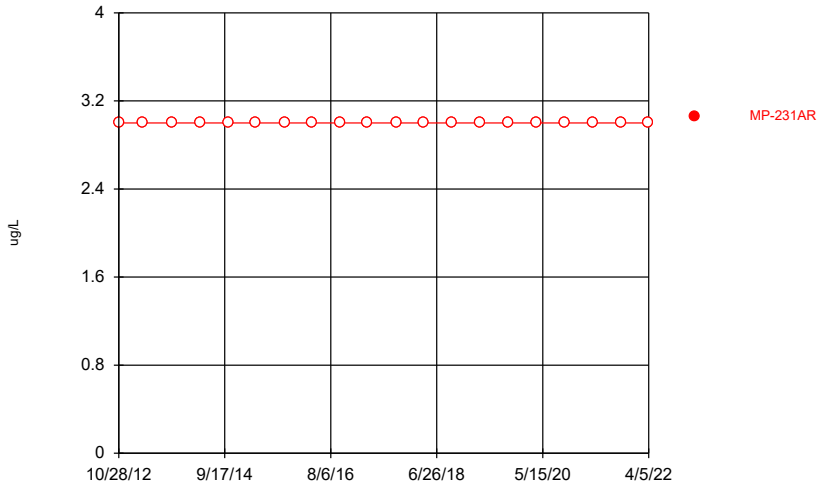
Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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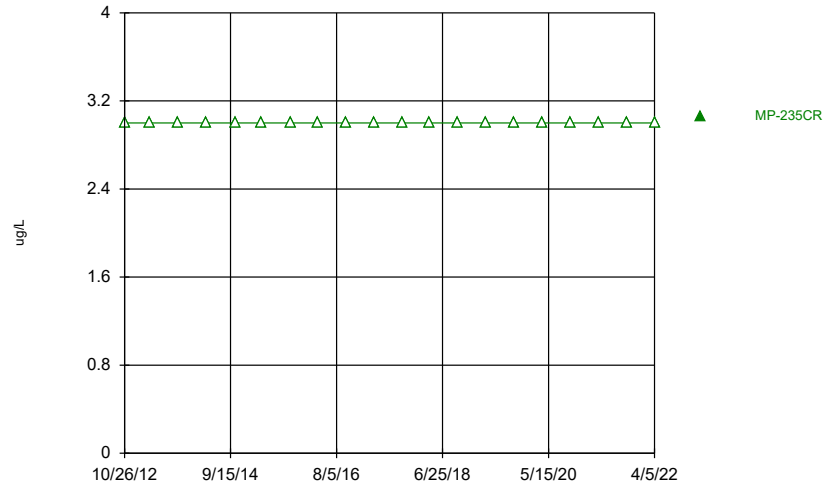

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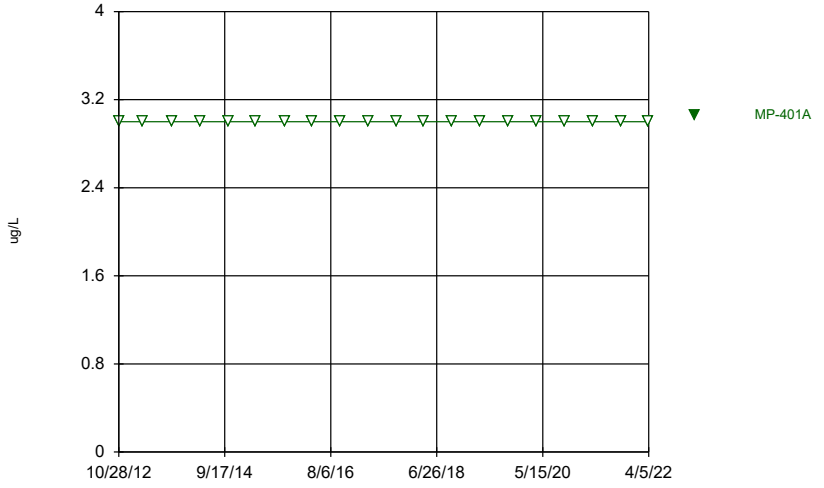

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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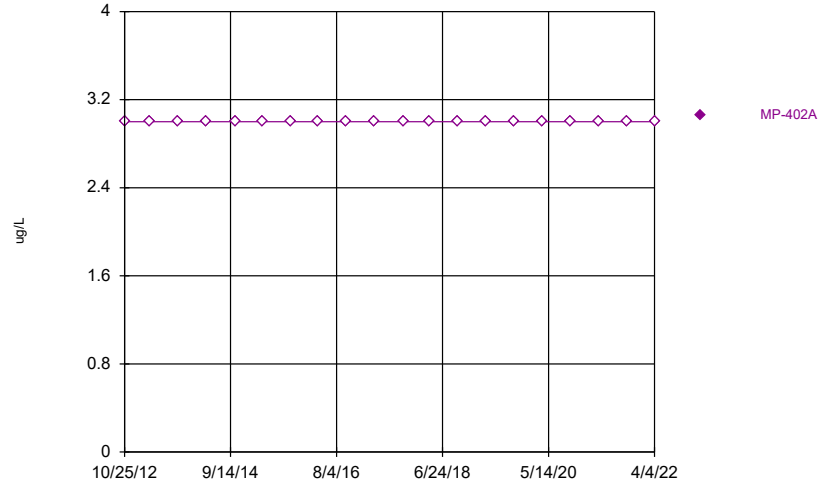

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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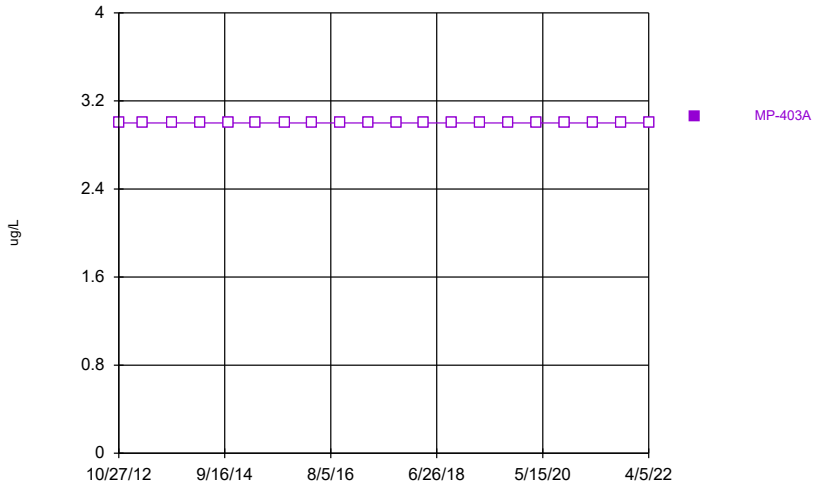

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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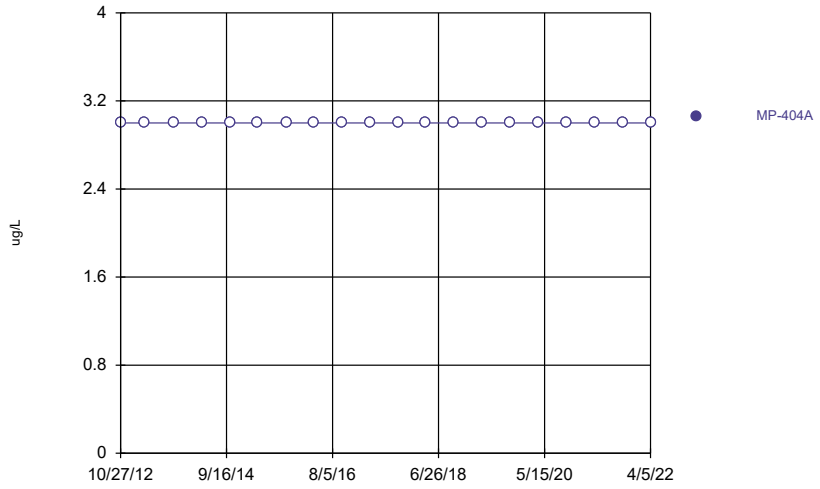

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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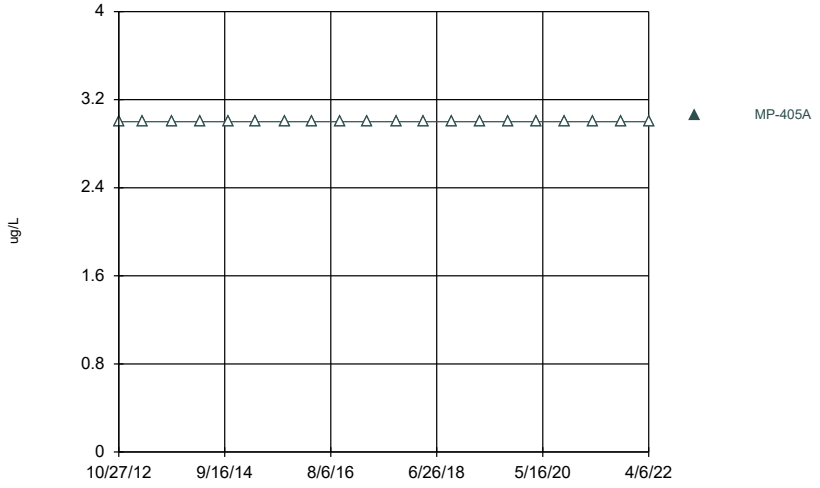

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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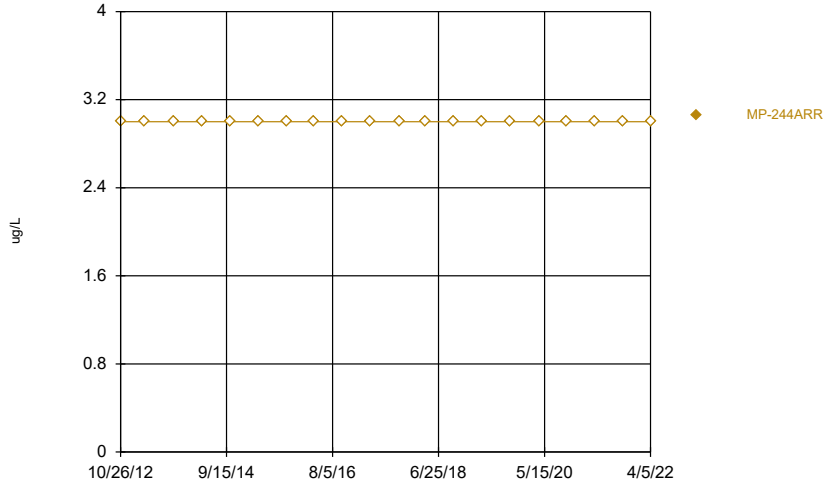


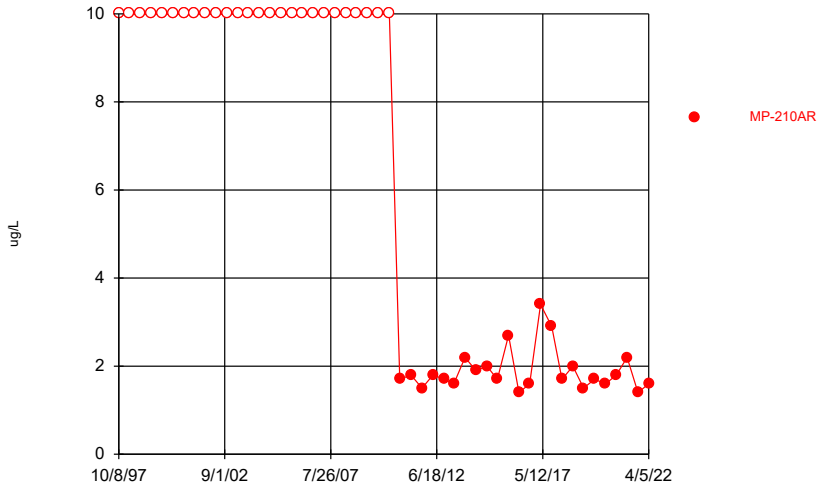
Constituent: Silver Dissolved Analysis Run 5/12/2022 12:18 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

APPENDIX D.

TIME-SERIES PLOTS OF METALS RESULTS
880 SAND WELLS

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

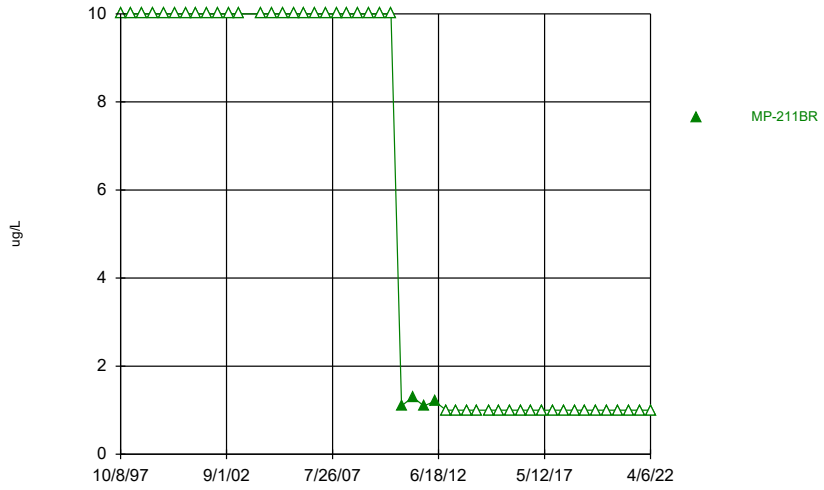
Time Series



Constituent: Arsenic Dissolved Analysis Run 5/12/2022 2:22 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



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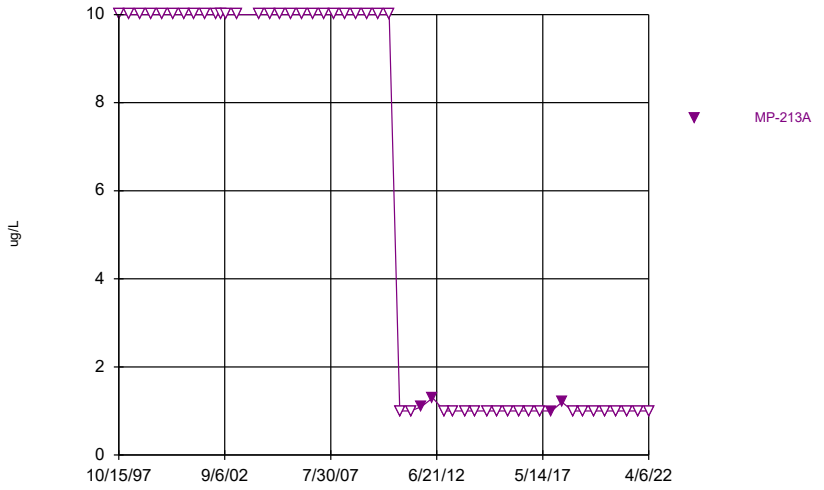
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Arsenic Dissolved Analysis Run 5/12/2022 2:22 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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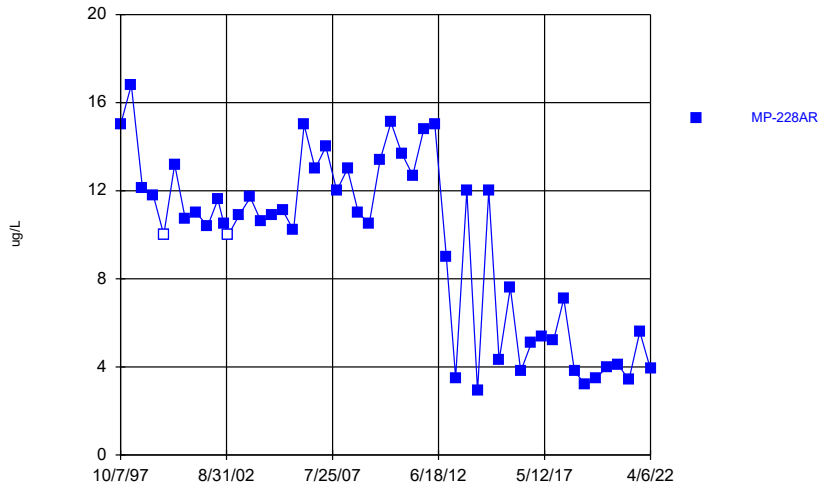
Time Series



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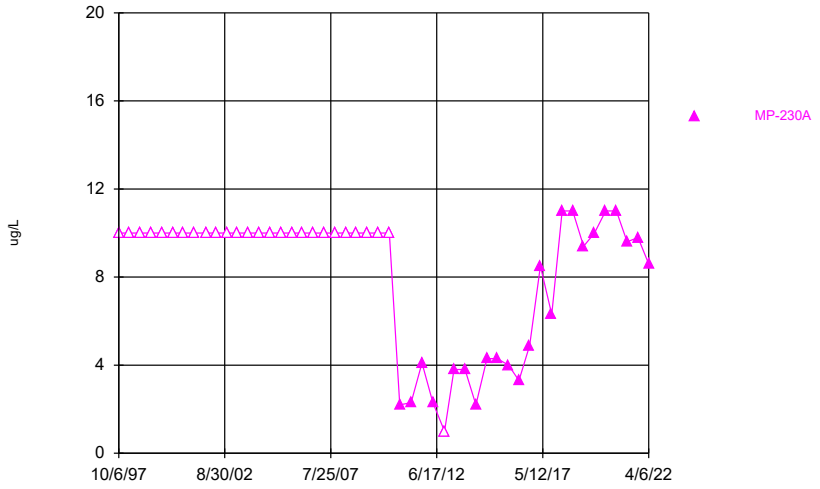

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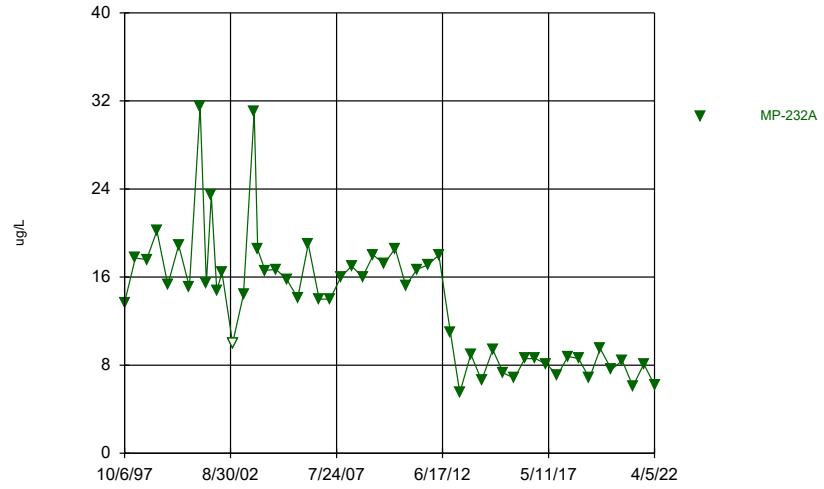

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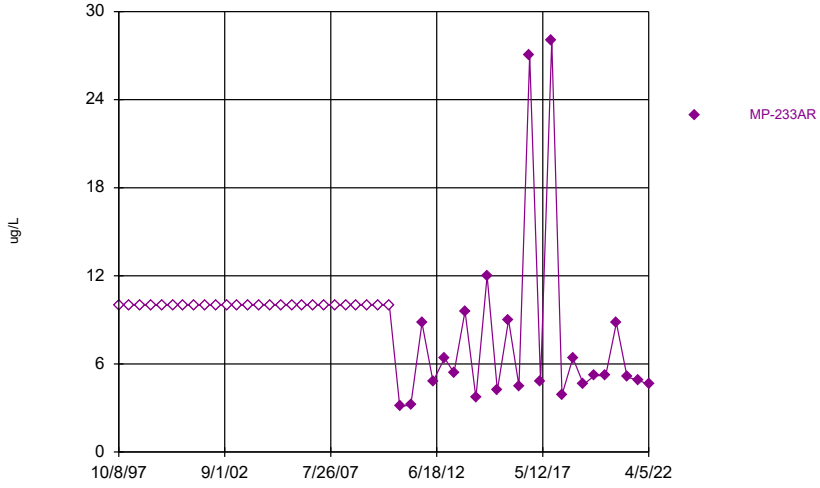

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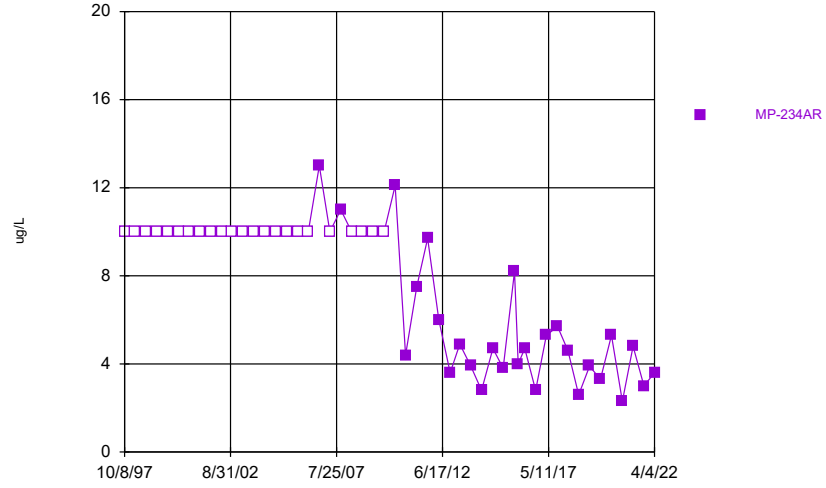

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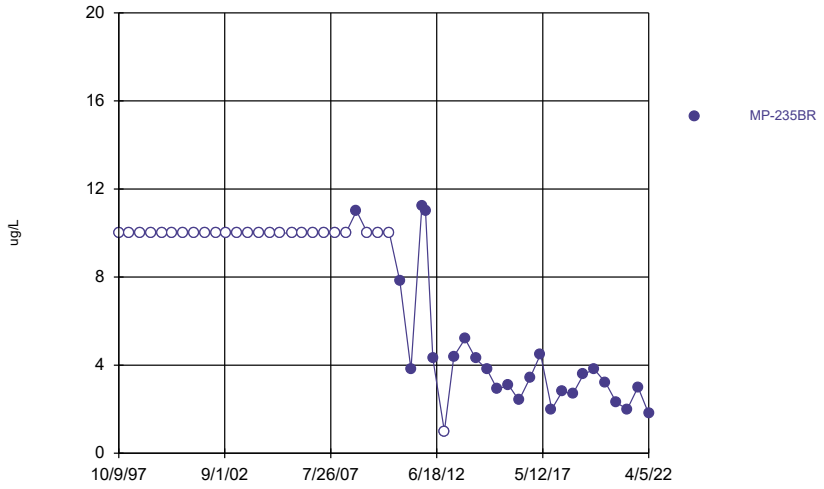

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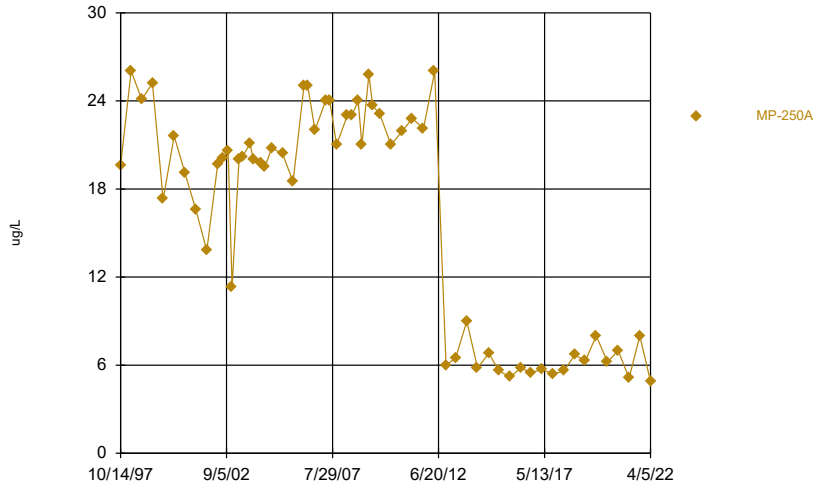

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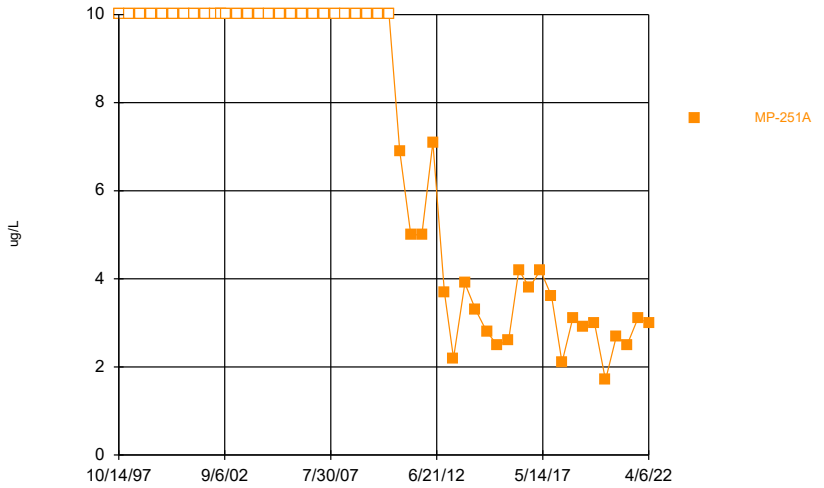

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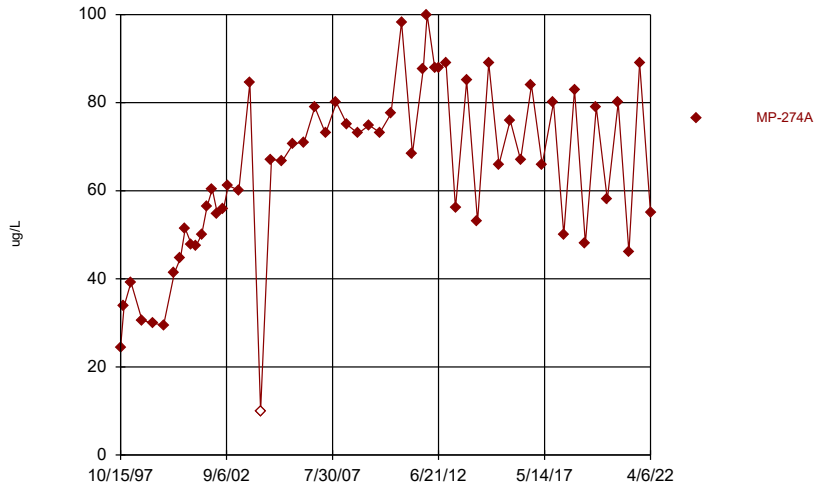

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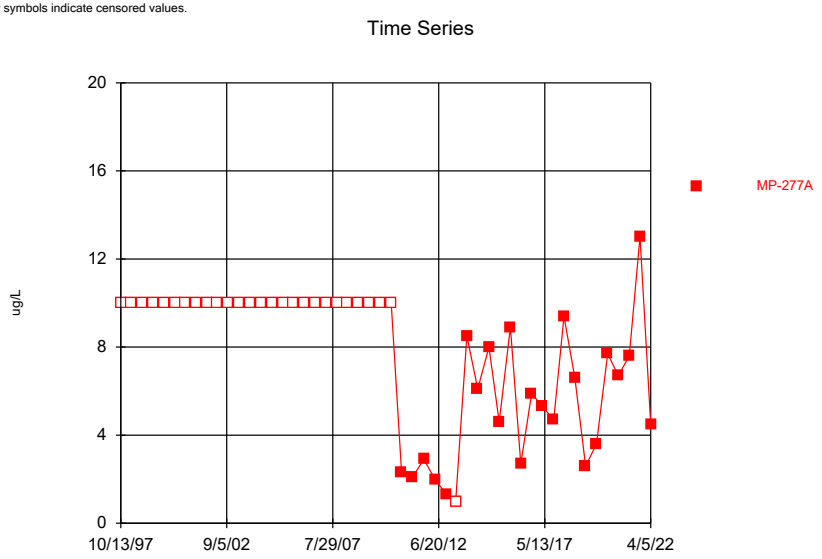

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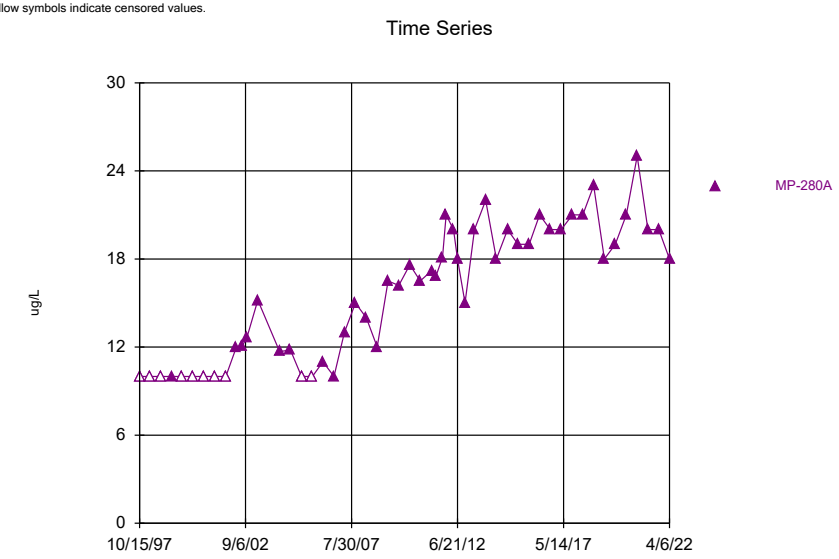

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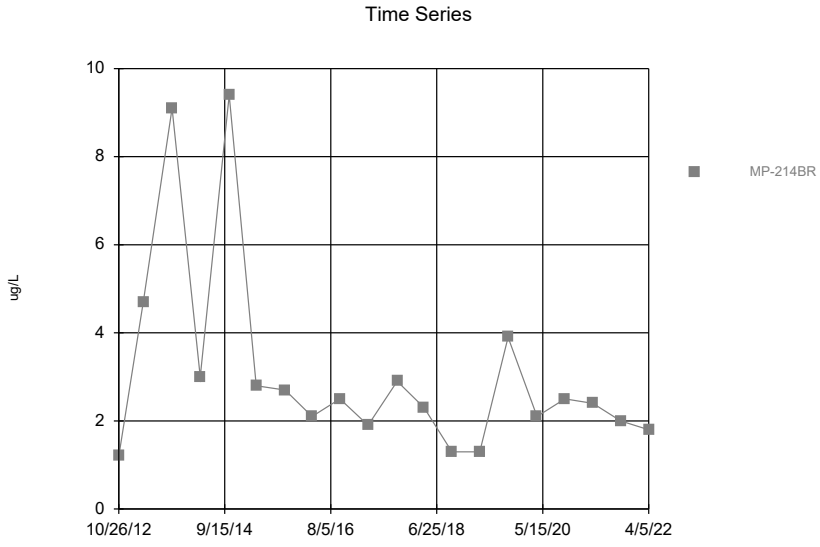

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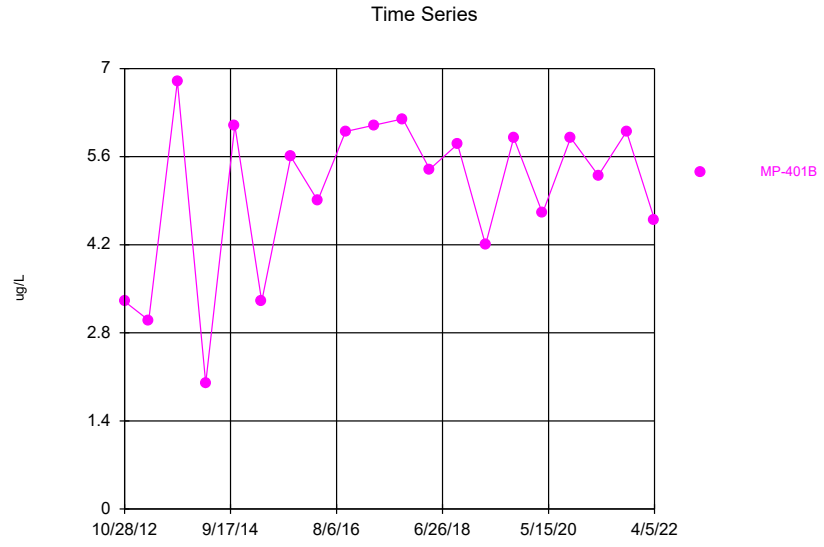

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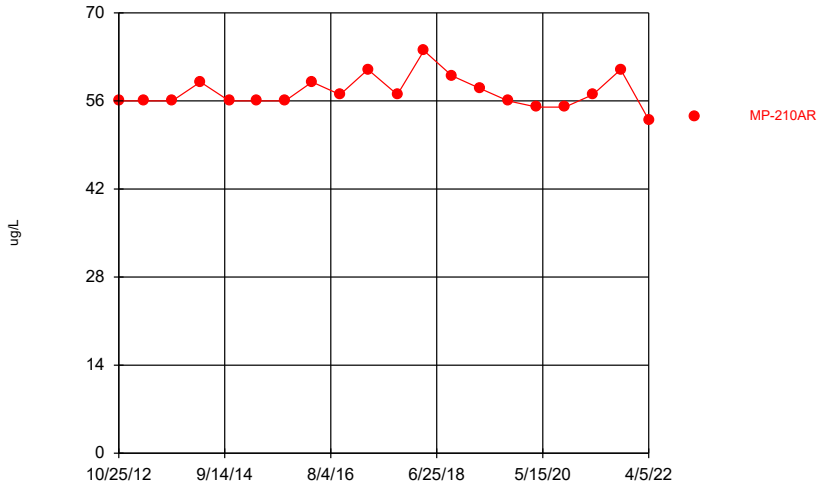

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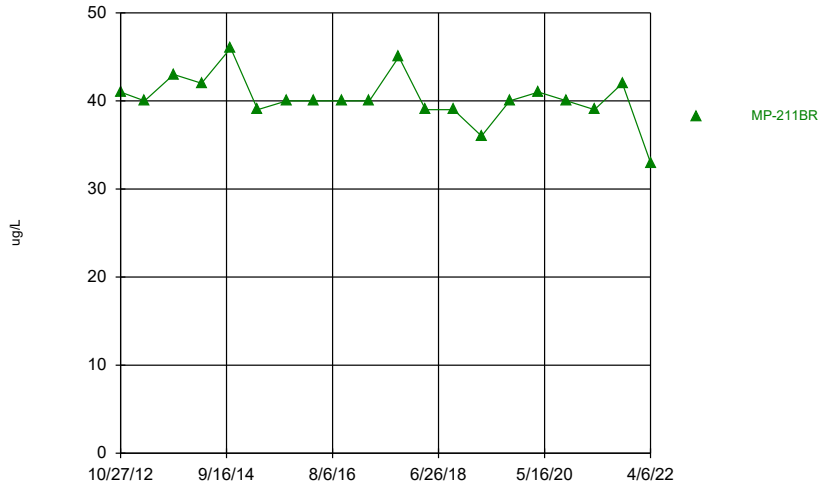

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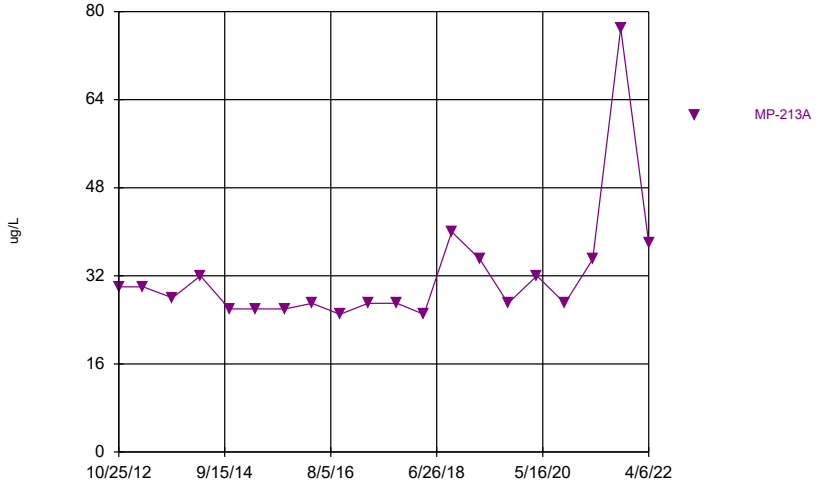

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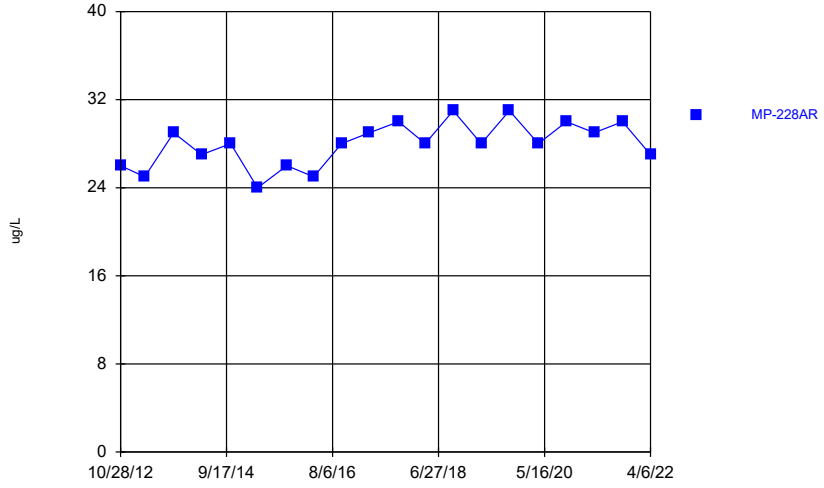

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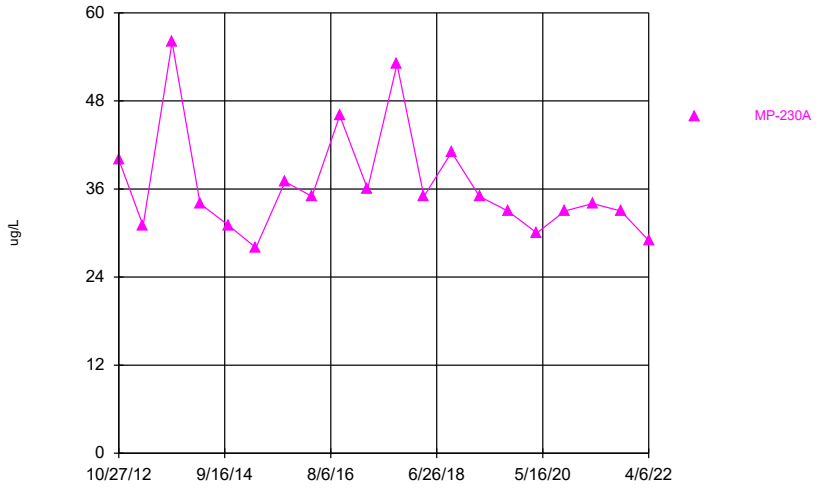

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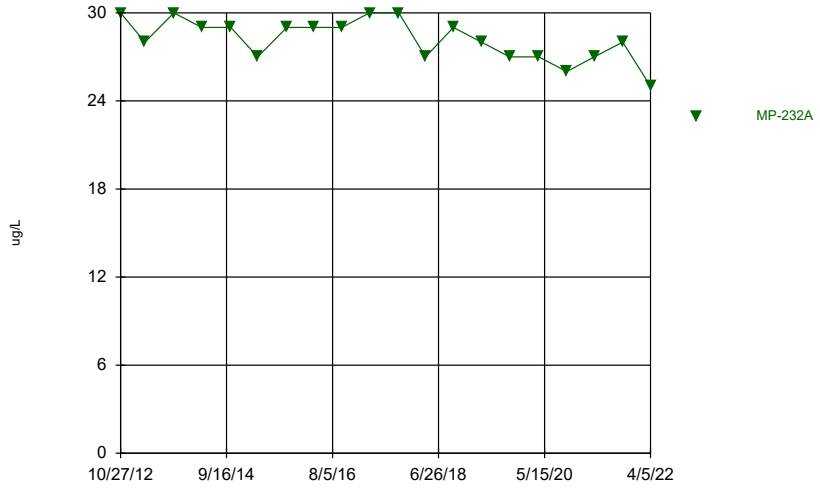

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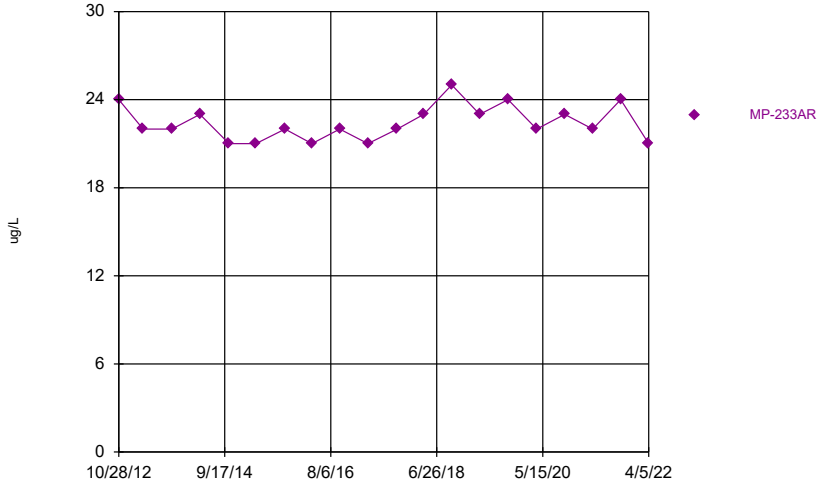

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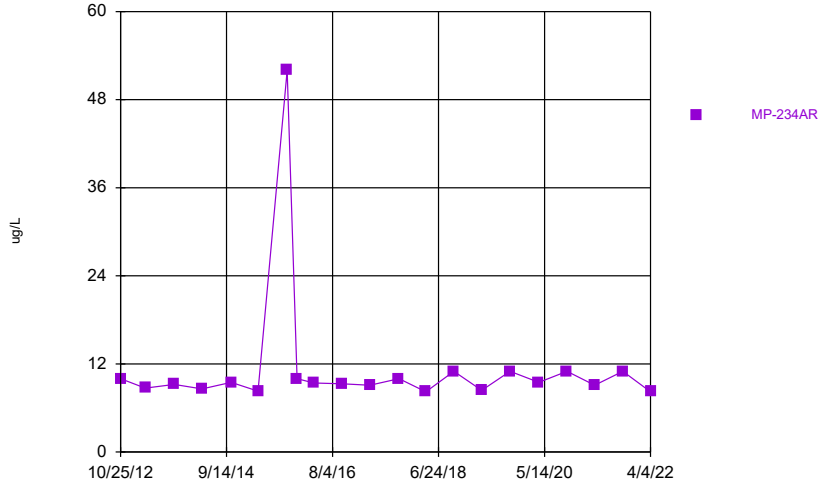

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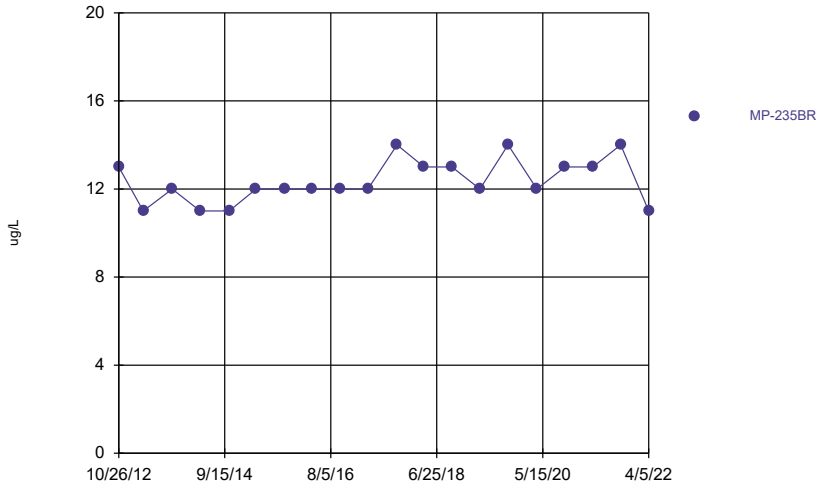

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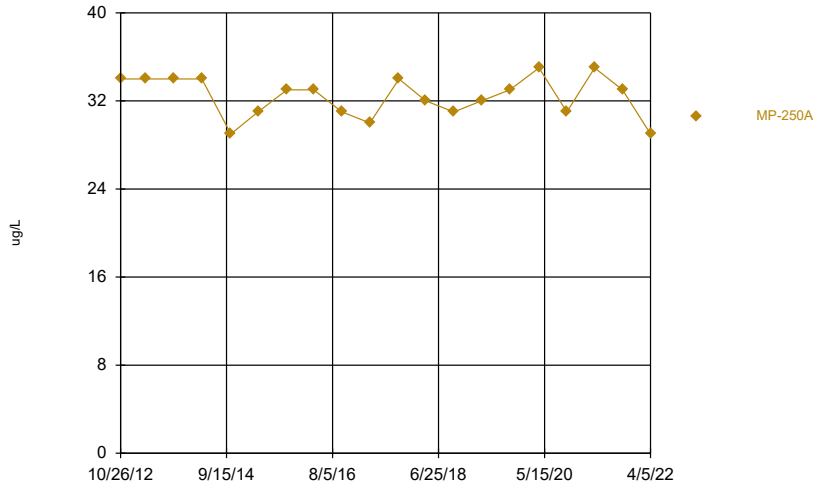

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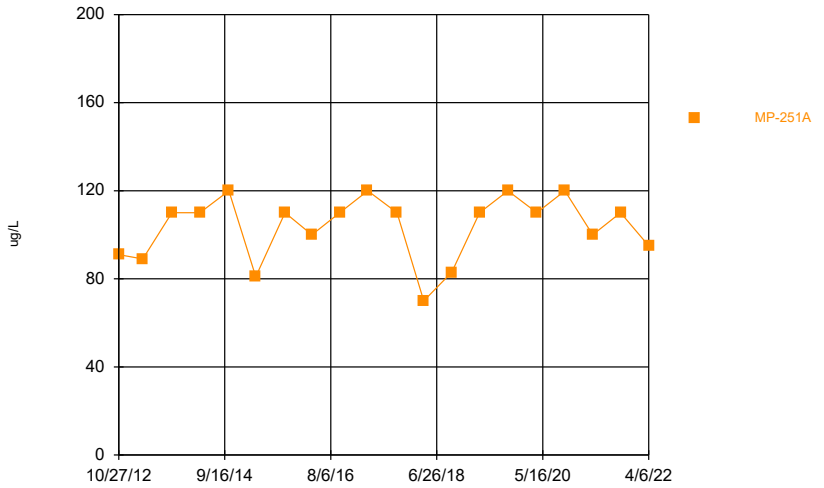

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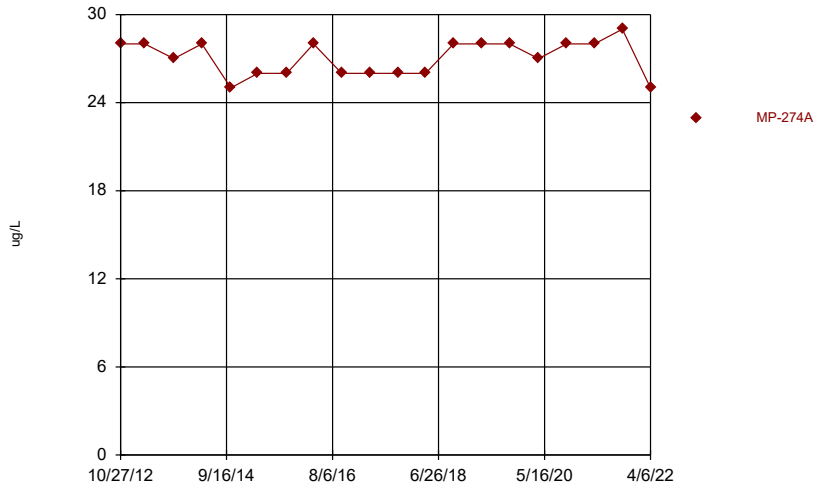

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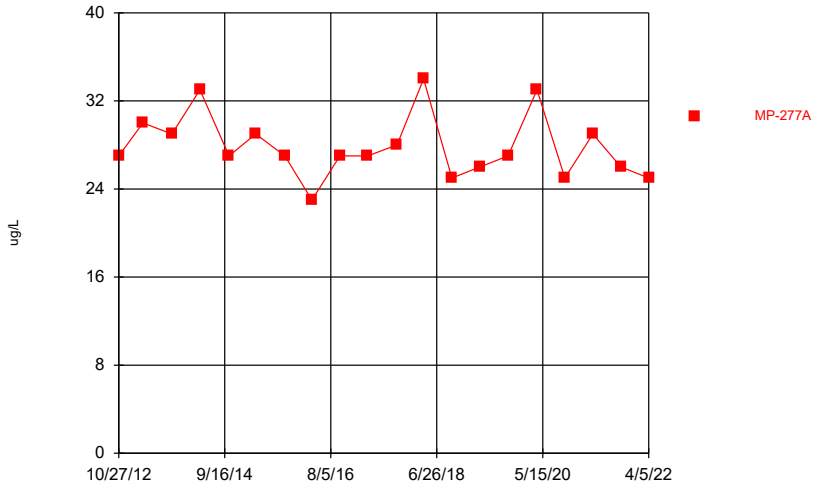

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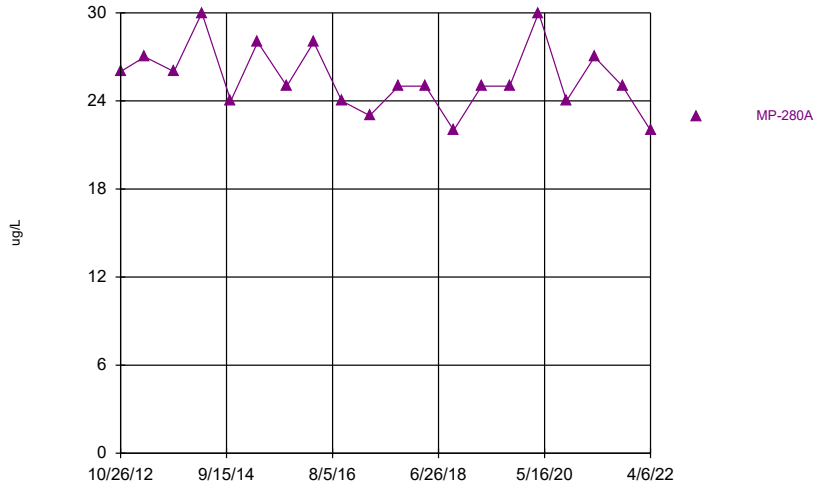

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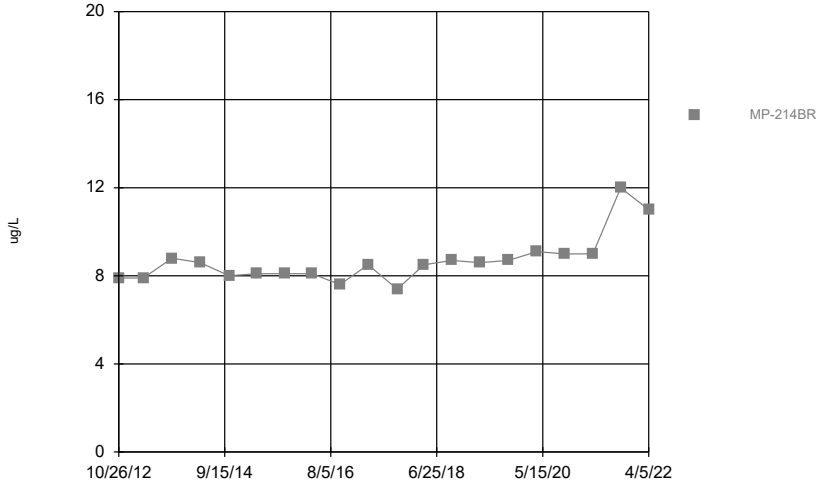

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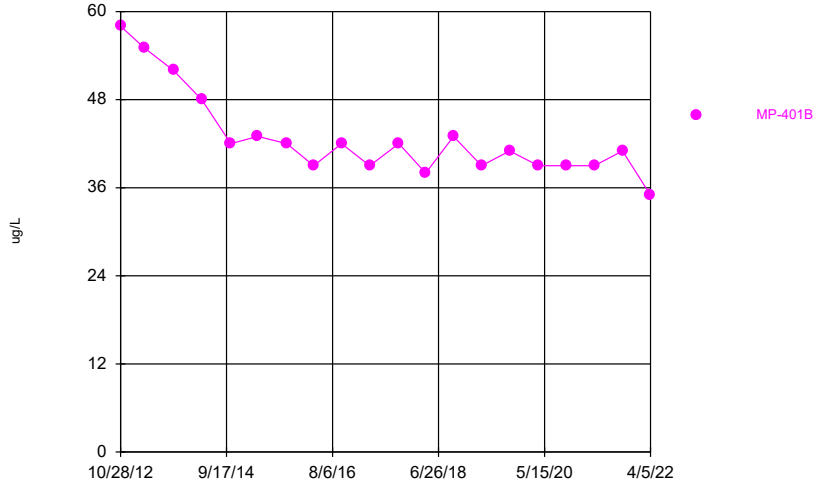

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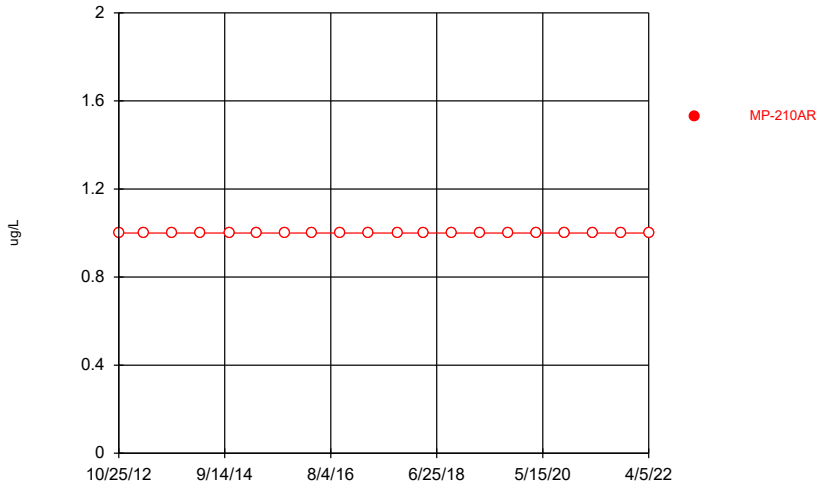
Time Series



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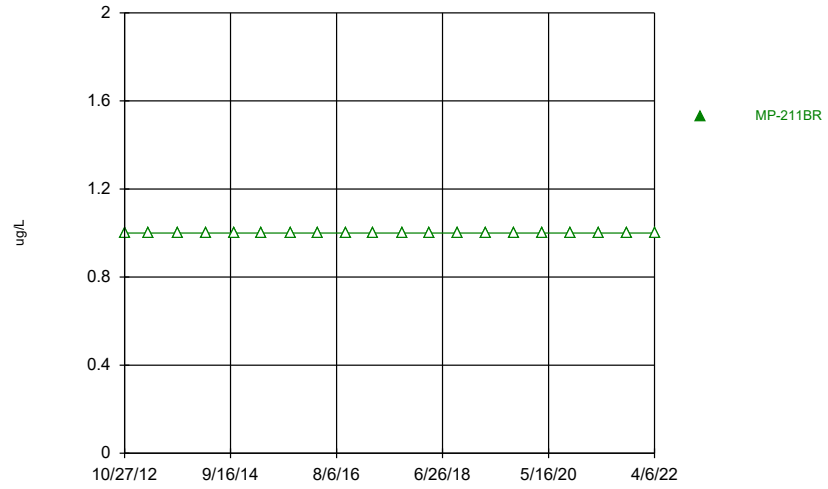

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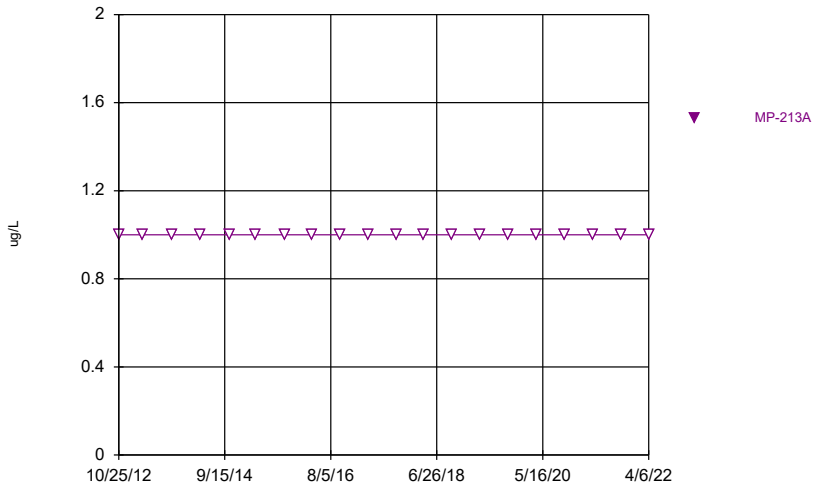

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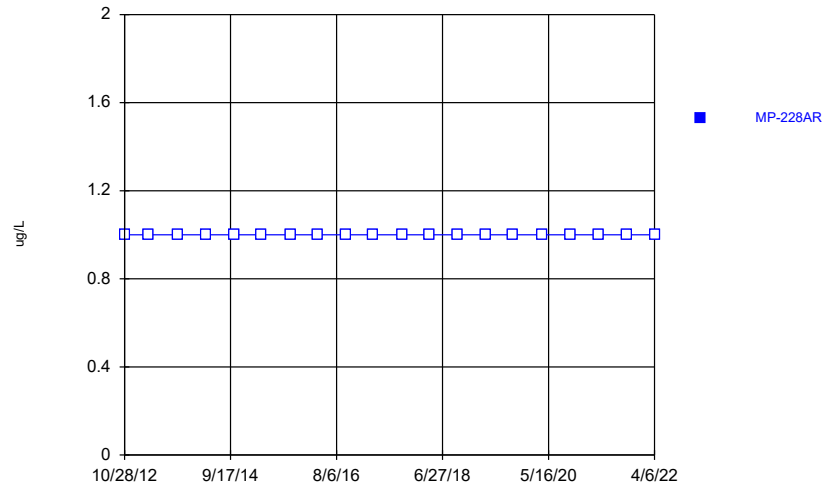

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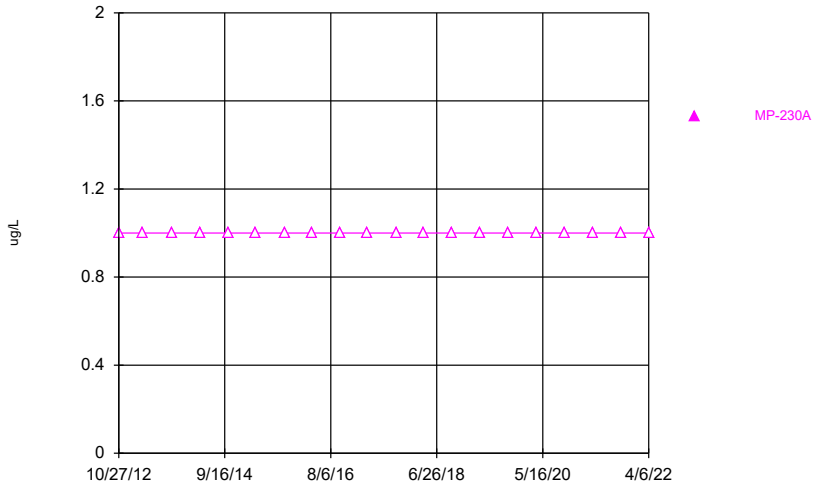

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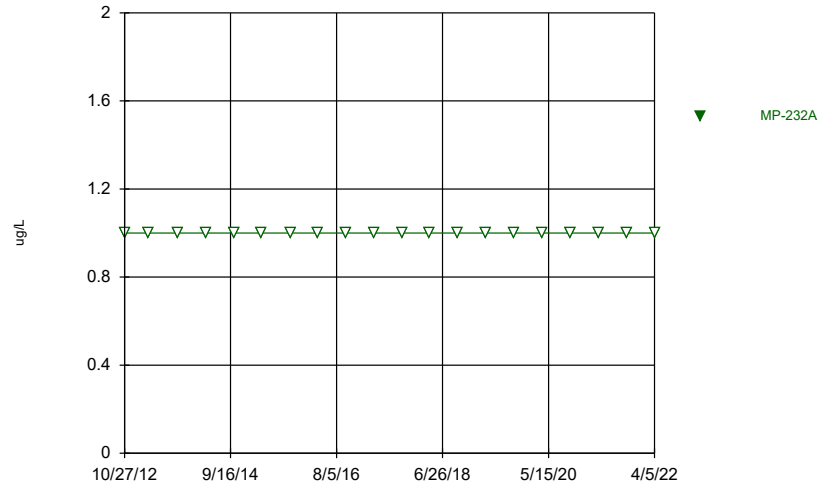

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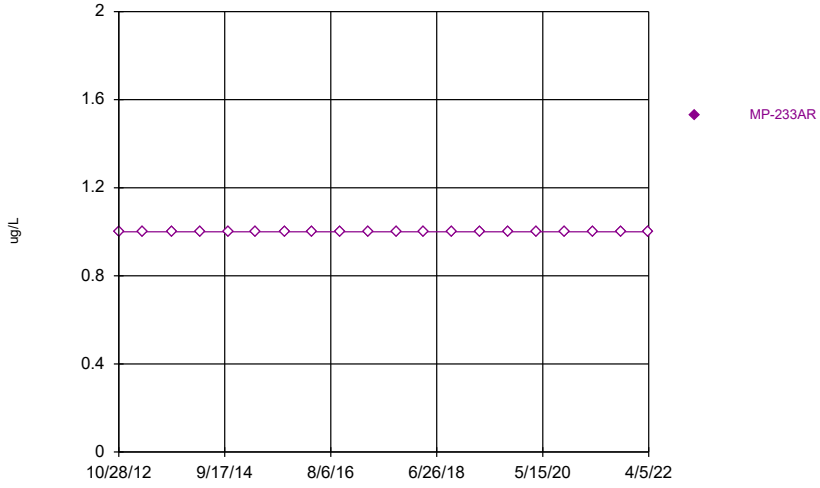

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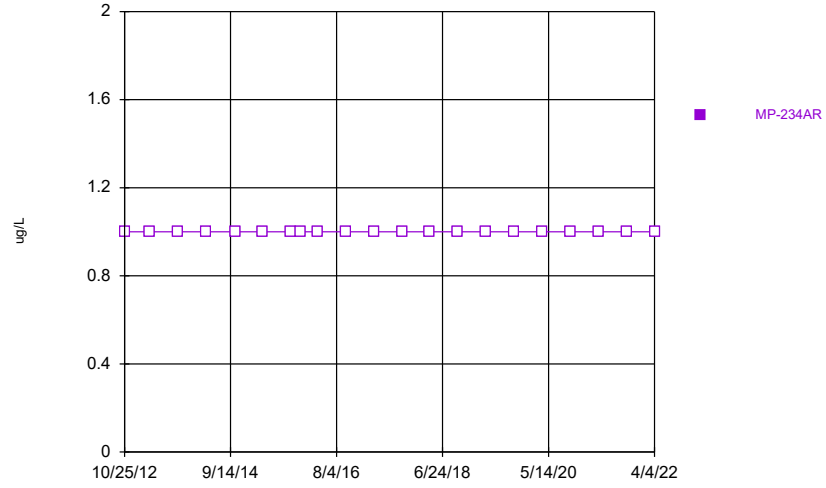

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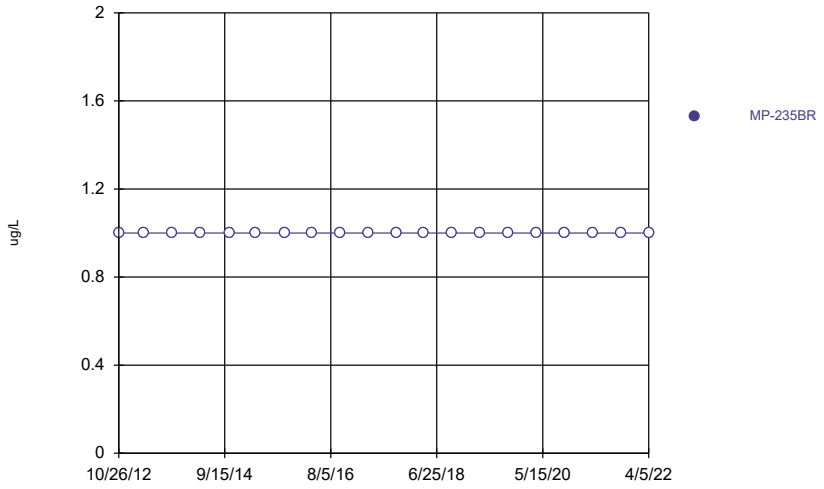

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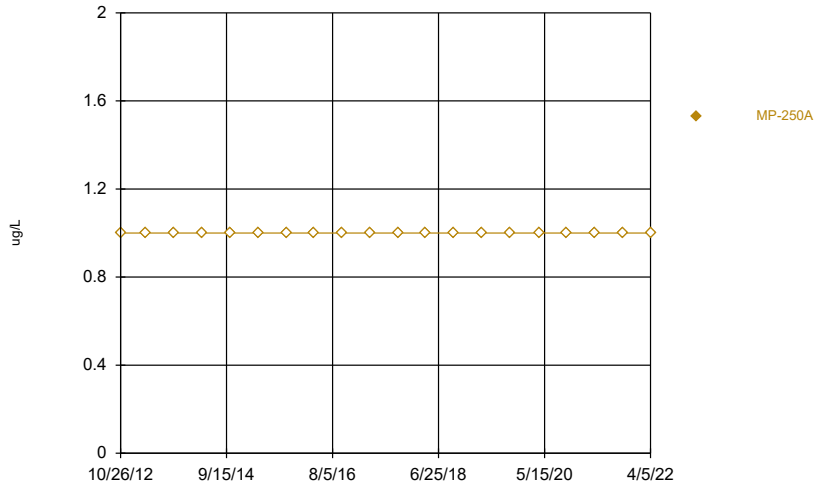

Constituent: Cadmium Dissolved Analysis Run 5/12/2022 2:23 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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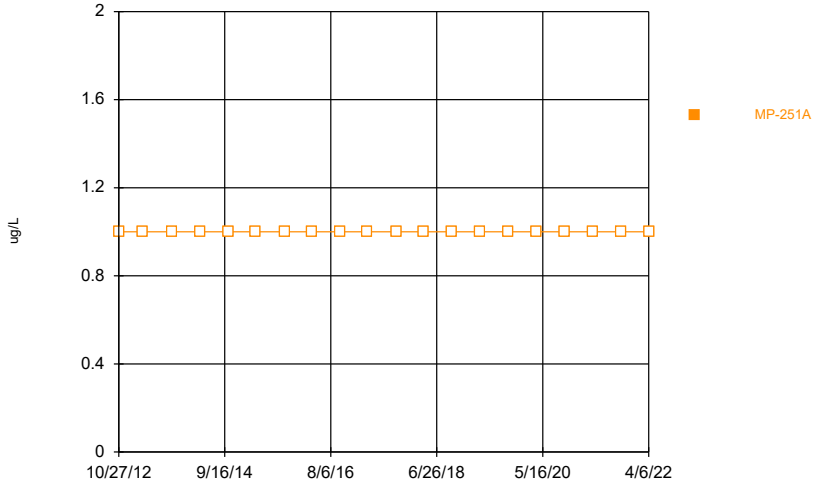
Time Series



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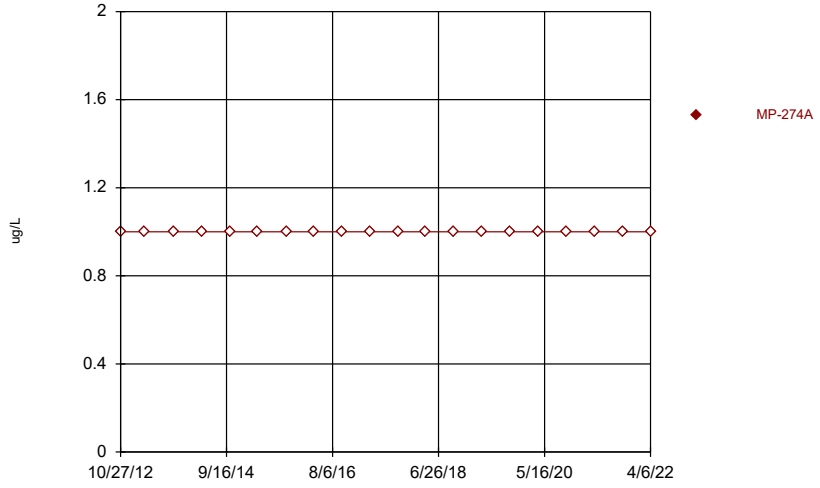

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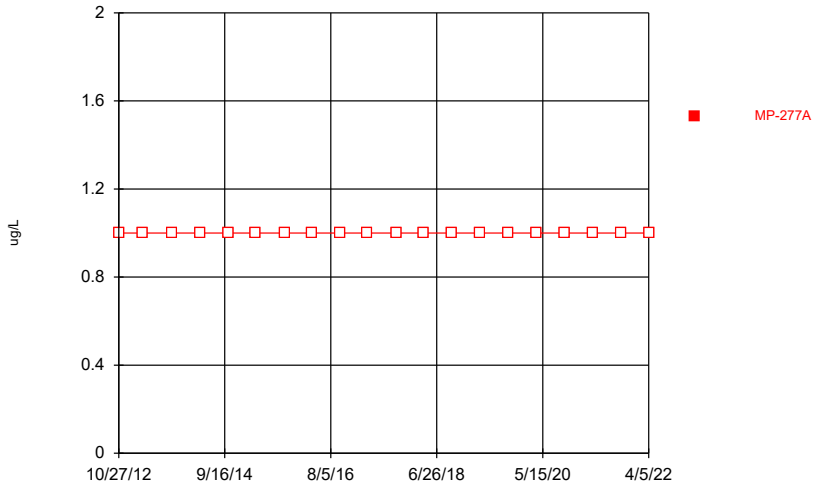

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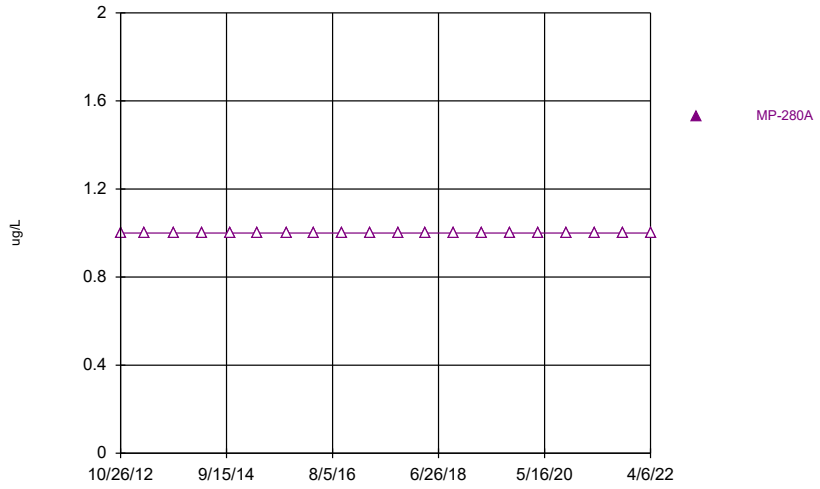

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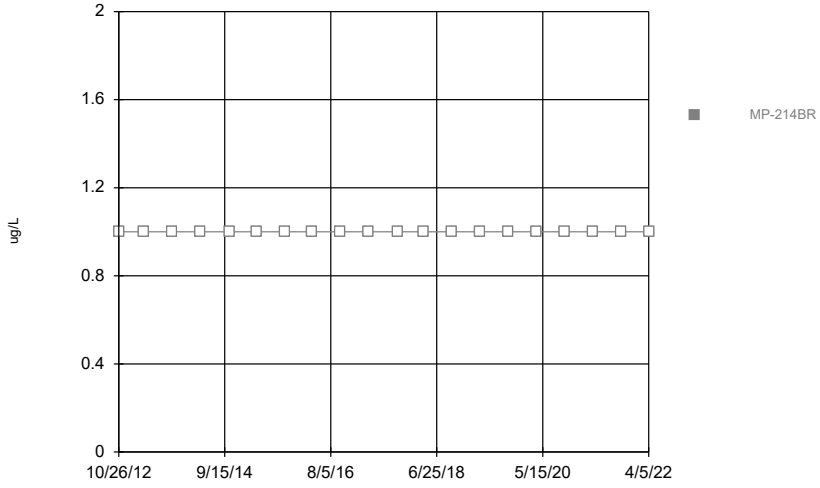

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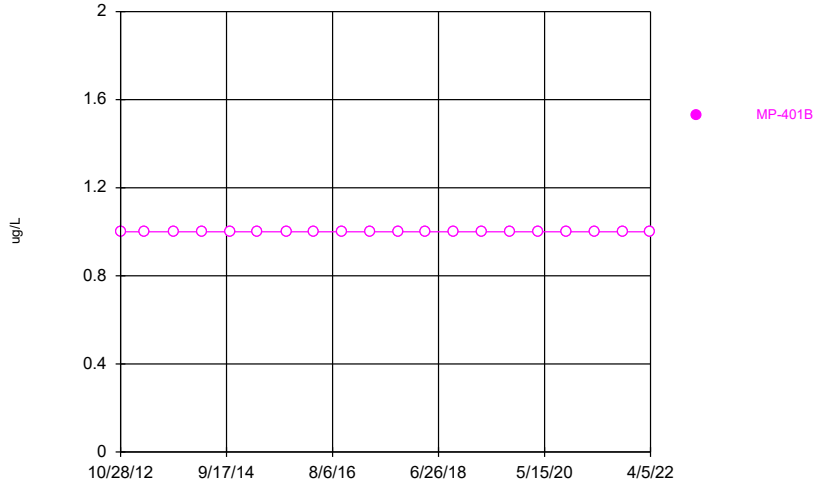

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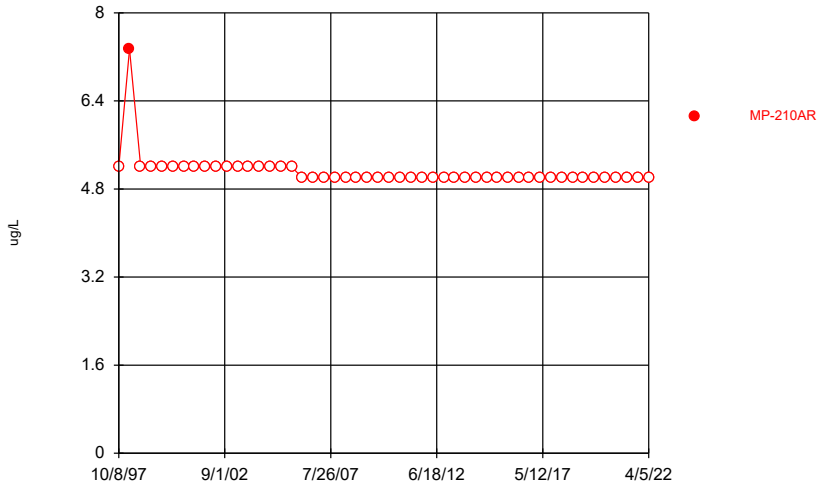

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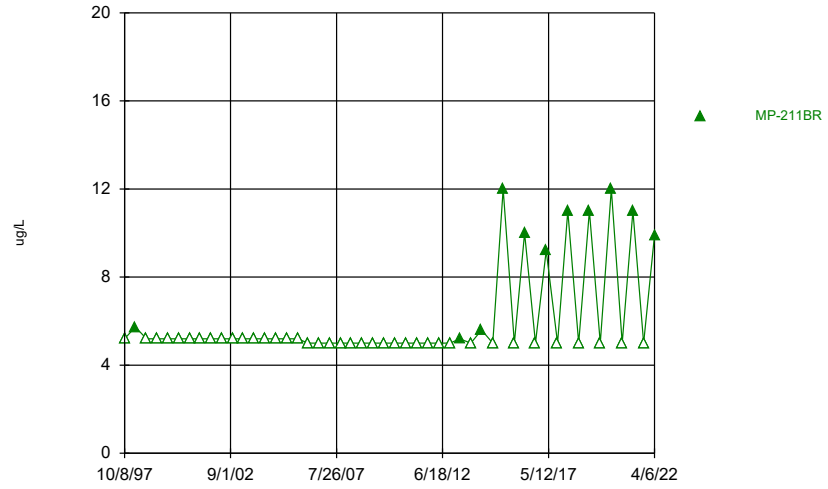

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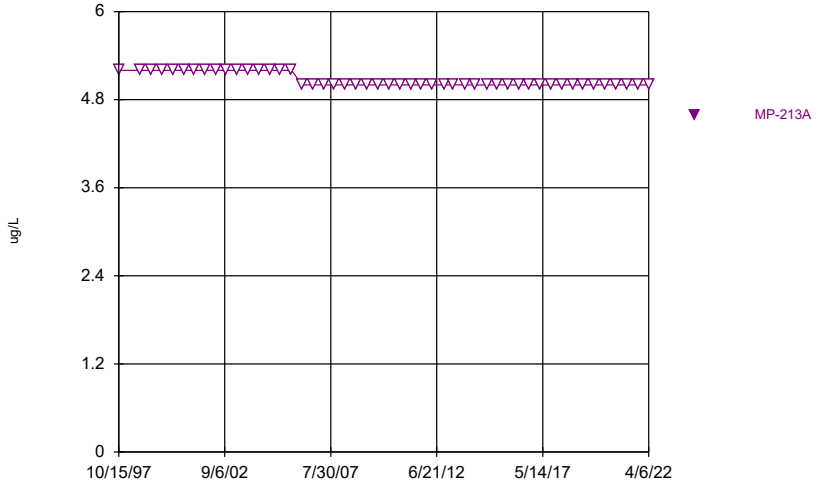

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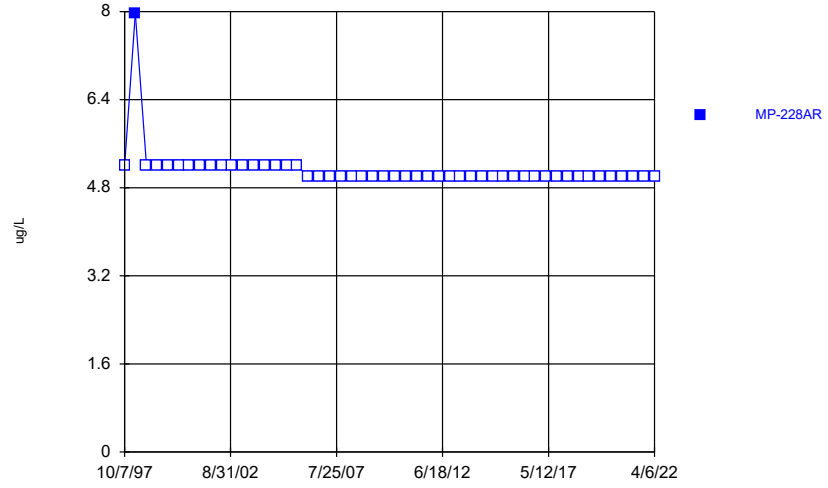

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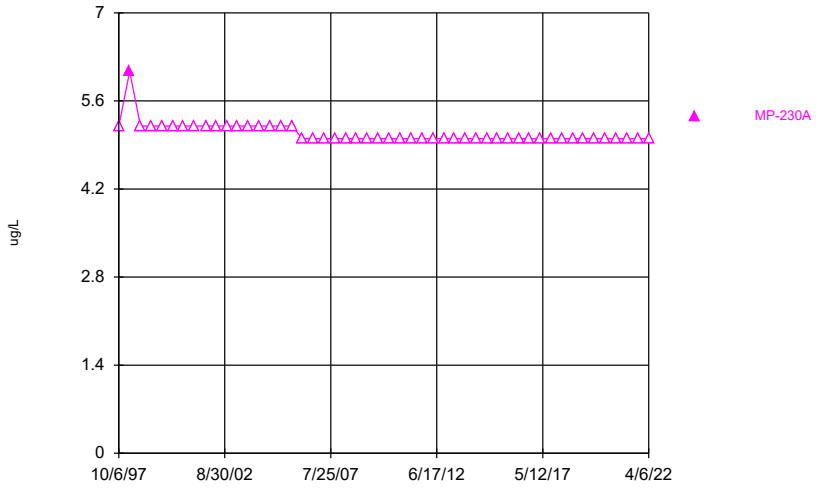

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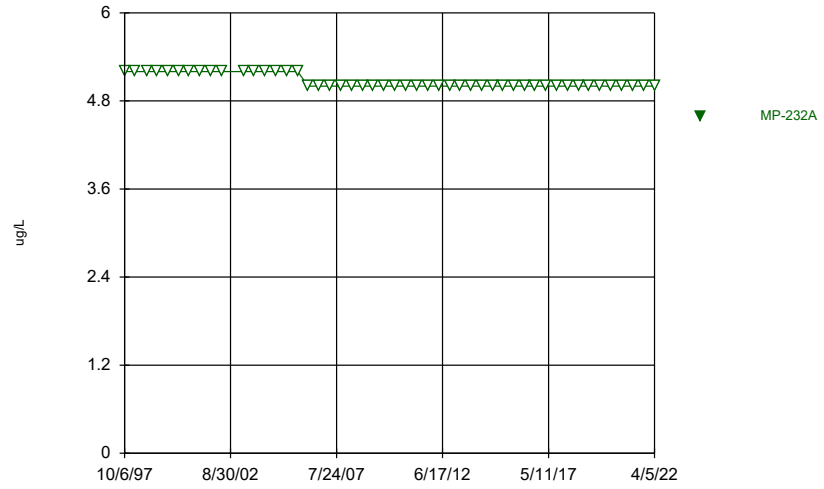

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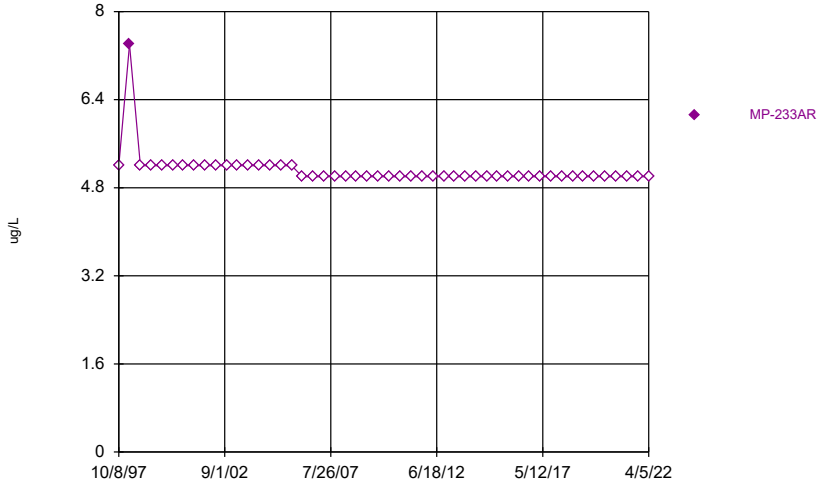

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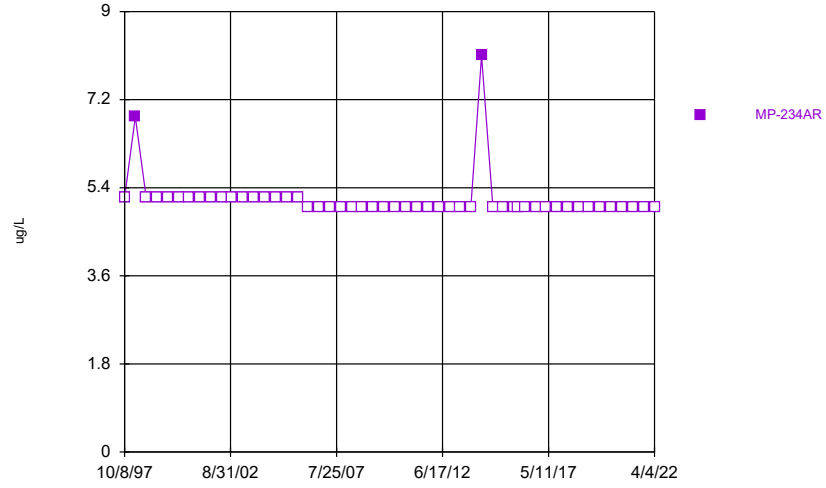

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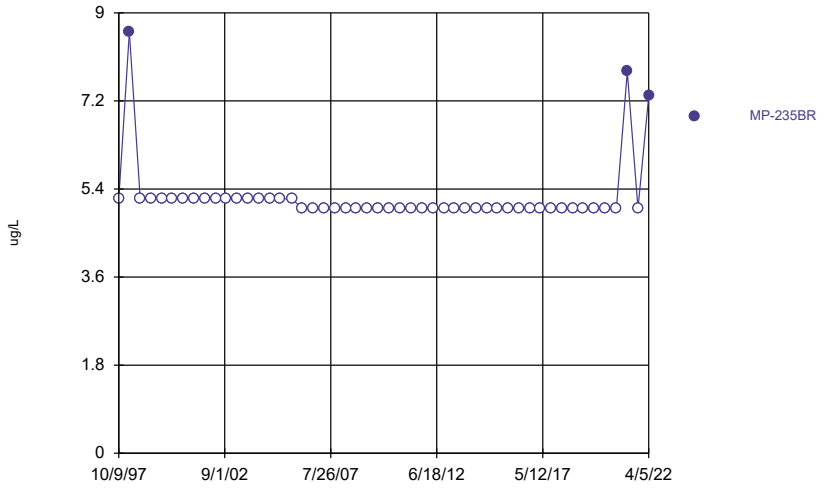

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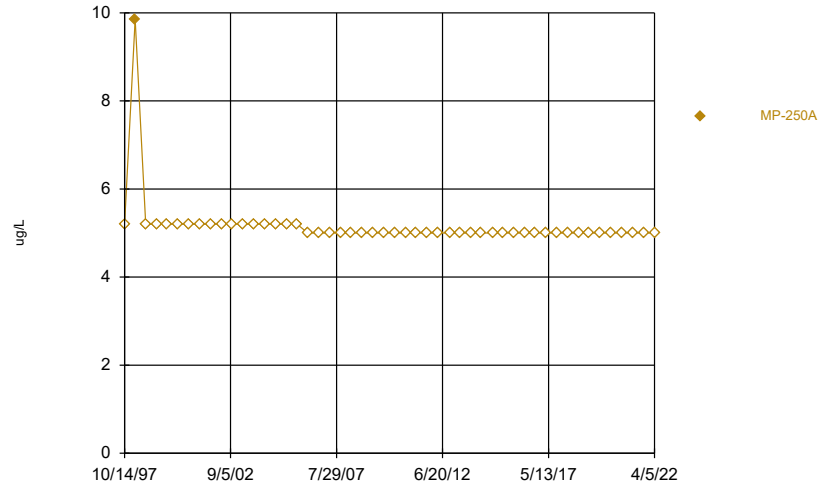

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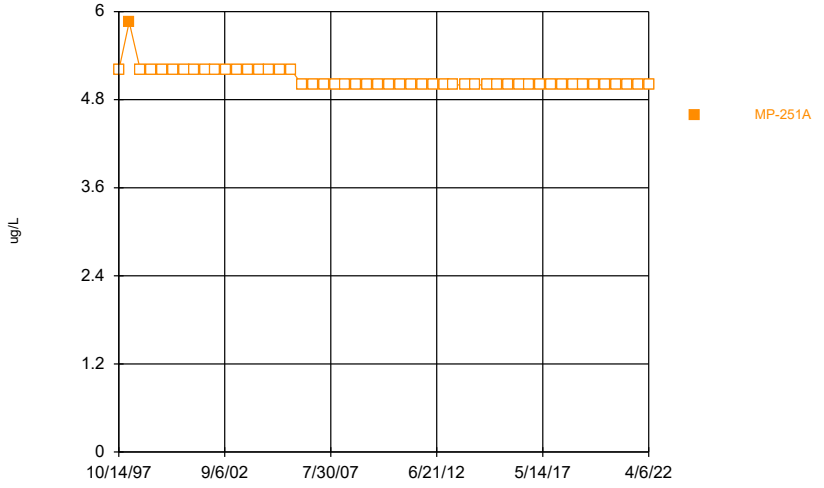

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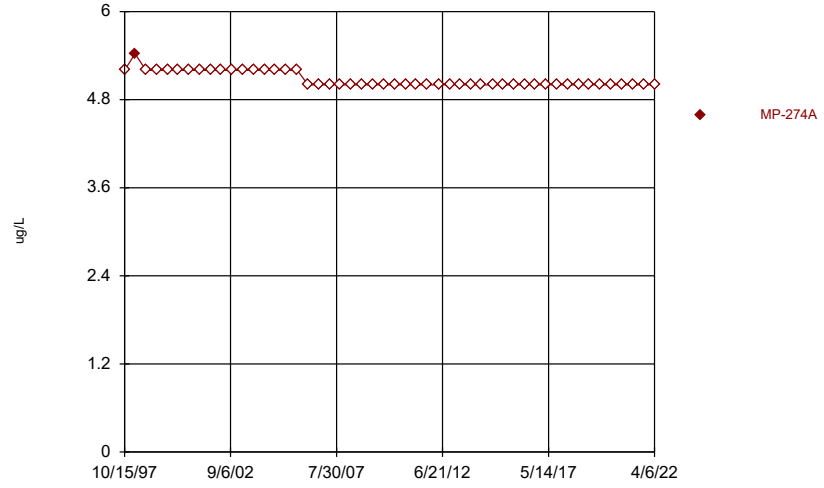

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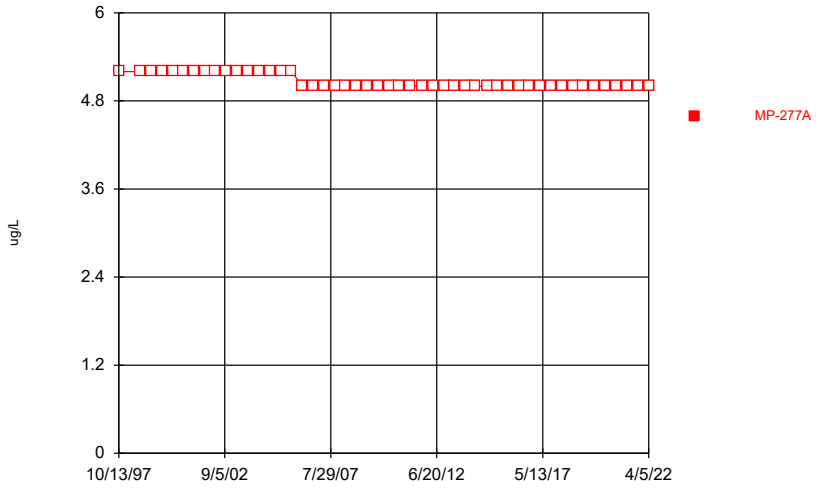

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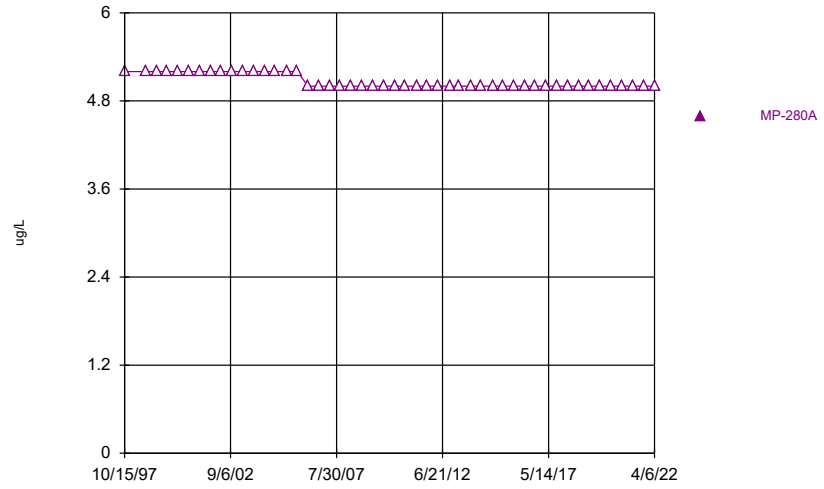

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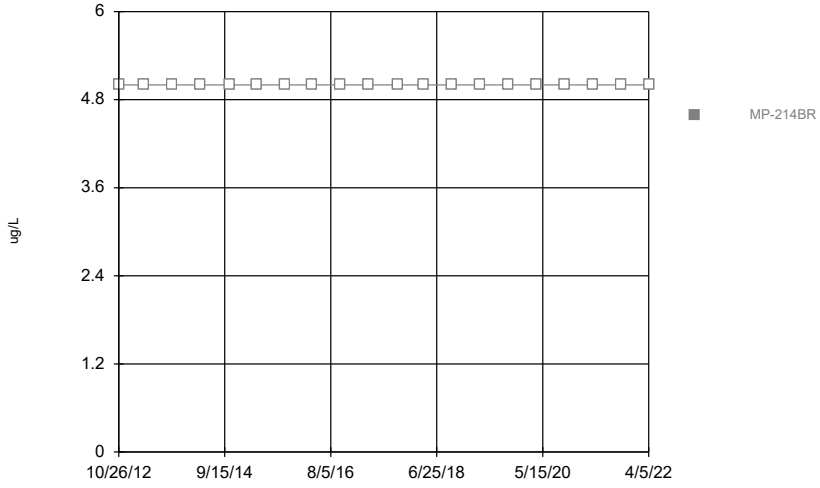

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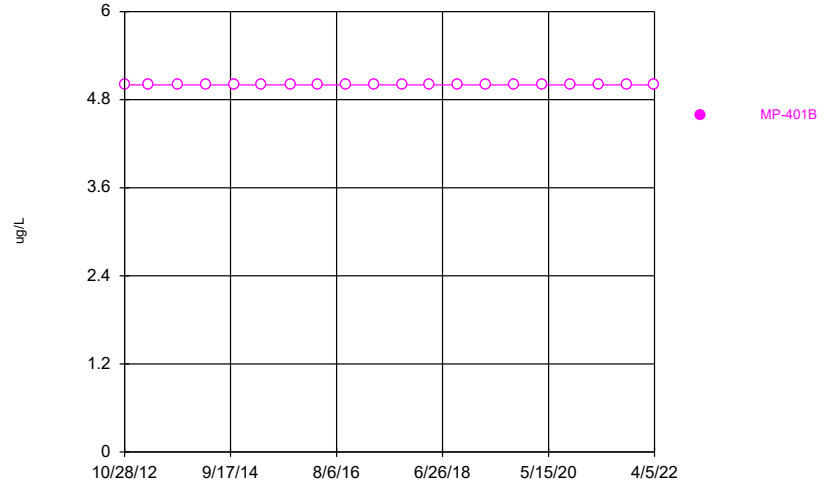

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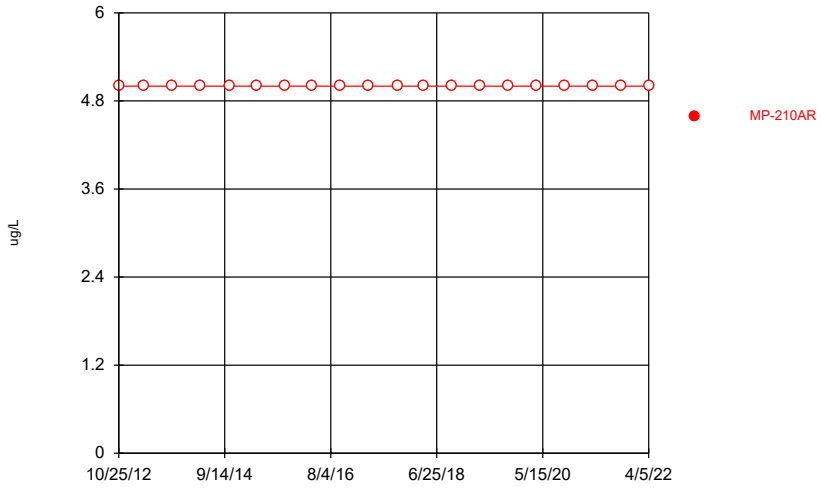

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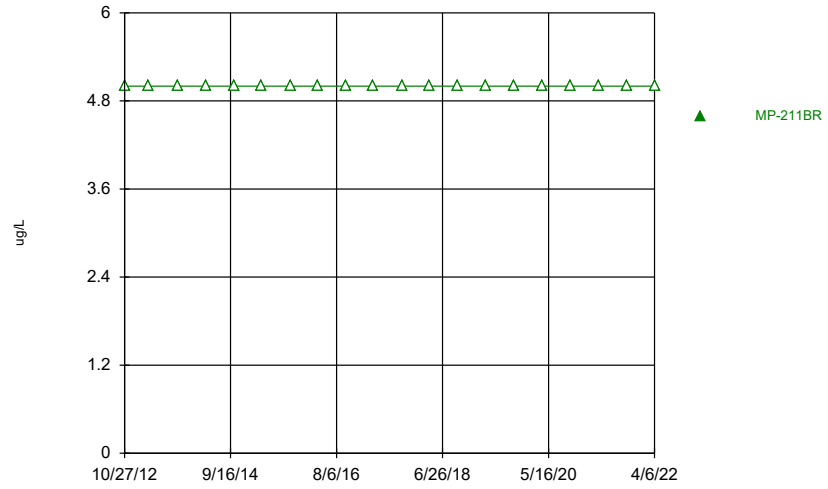

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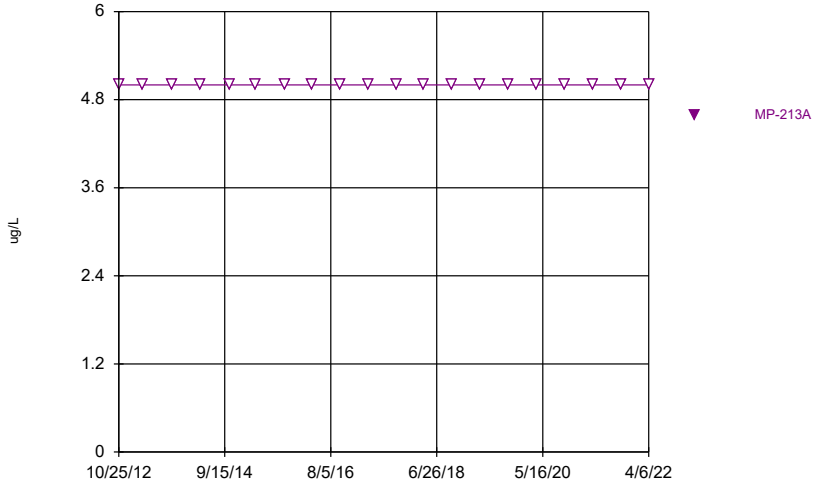

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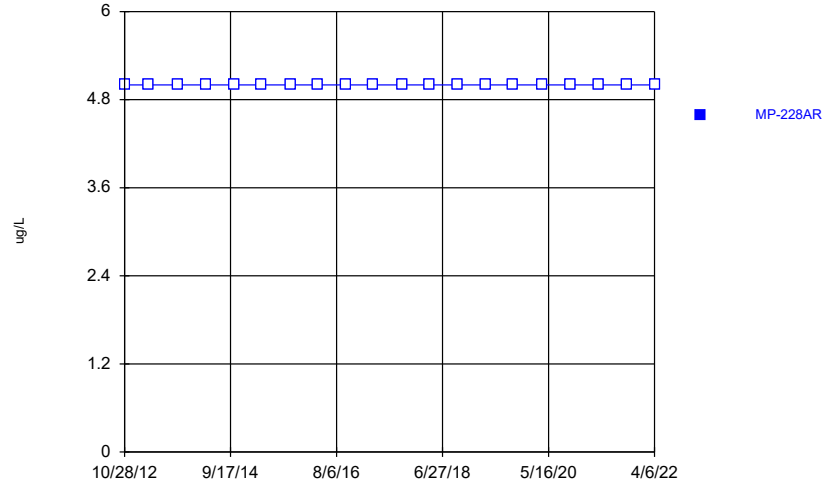

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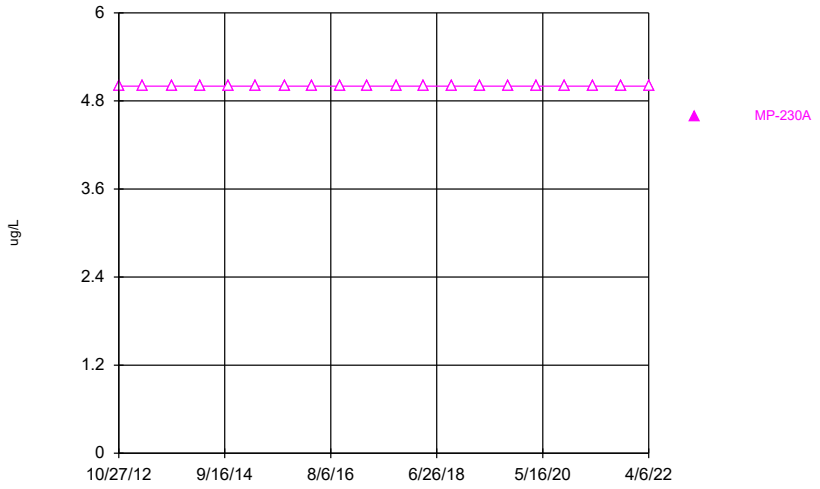

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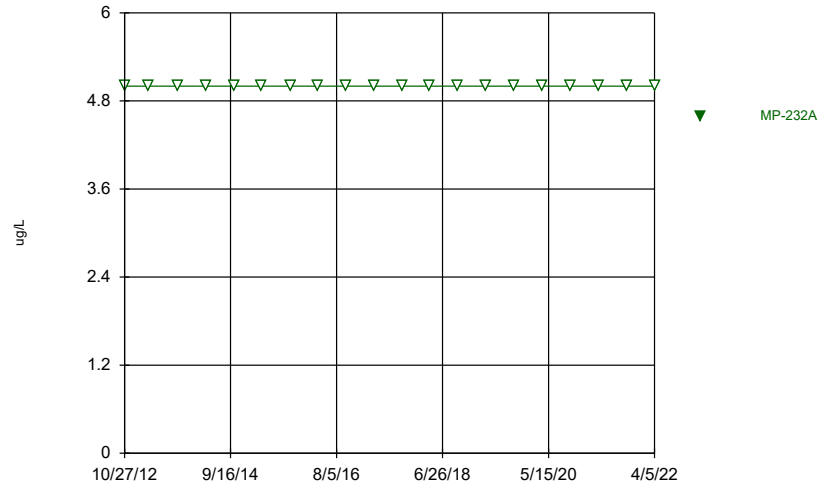

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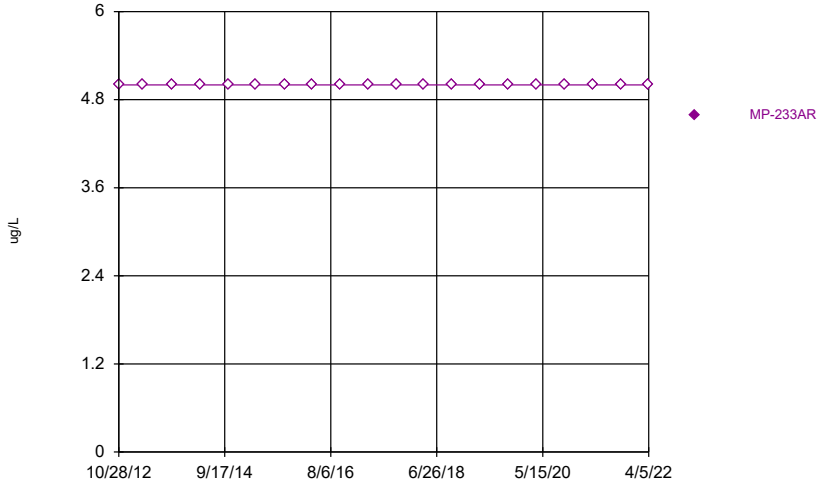

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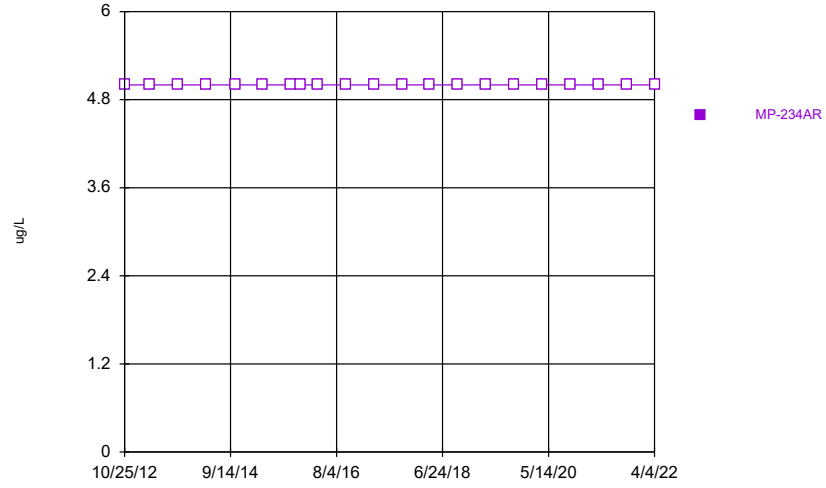

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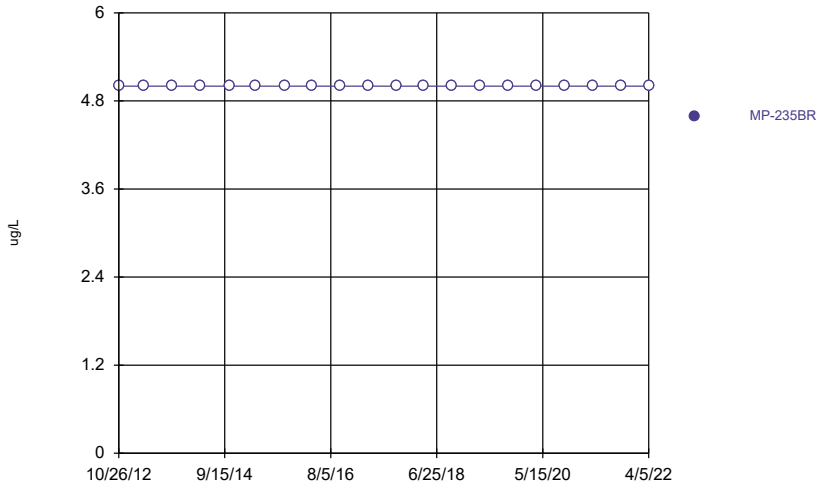

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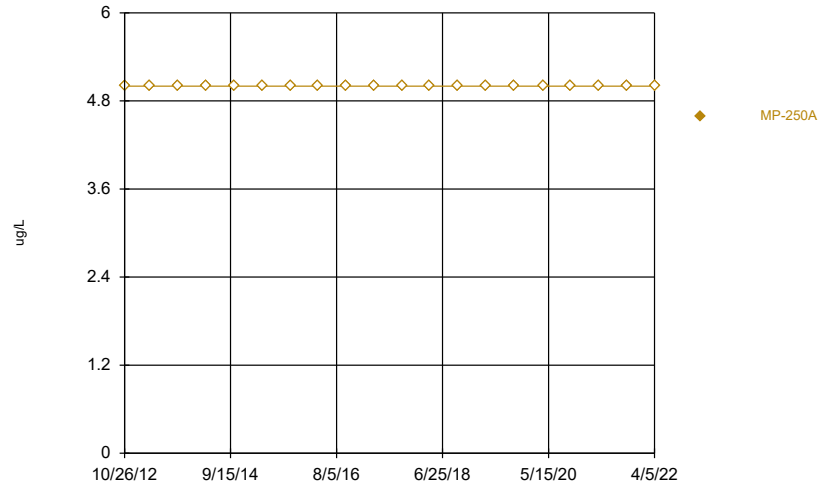

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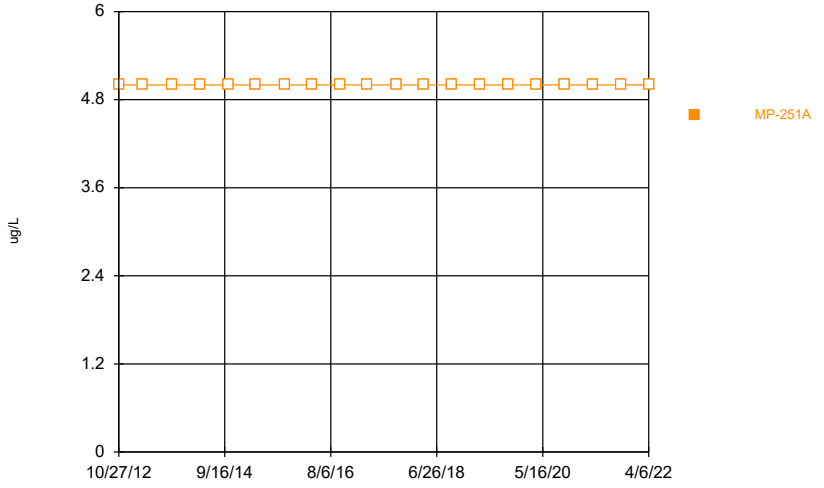

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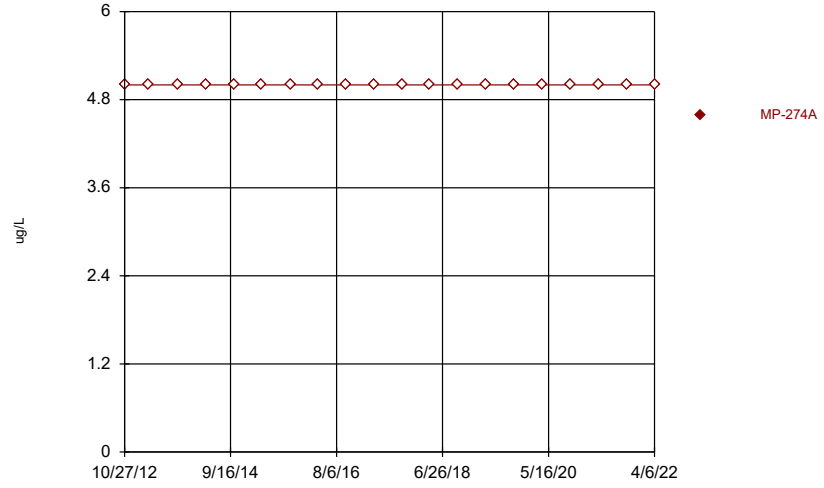

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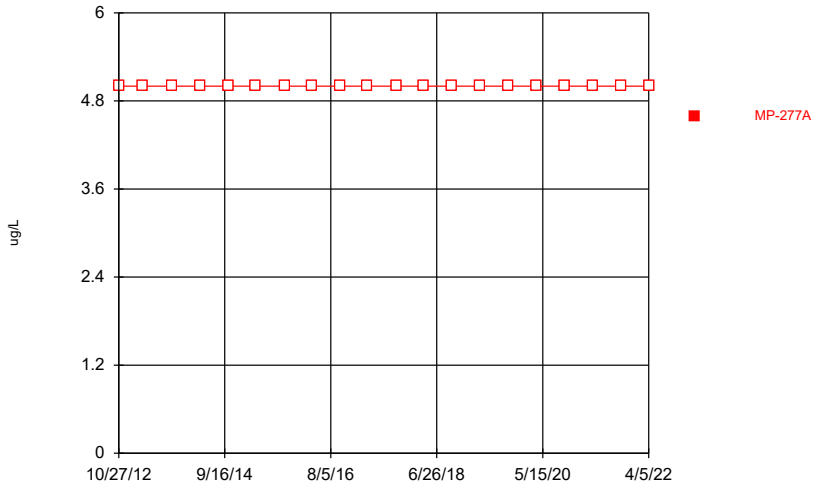

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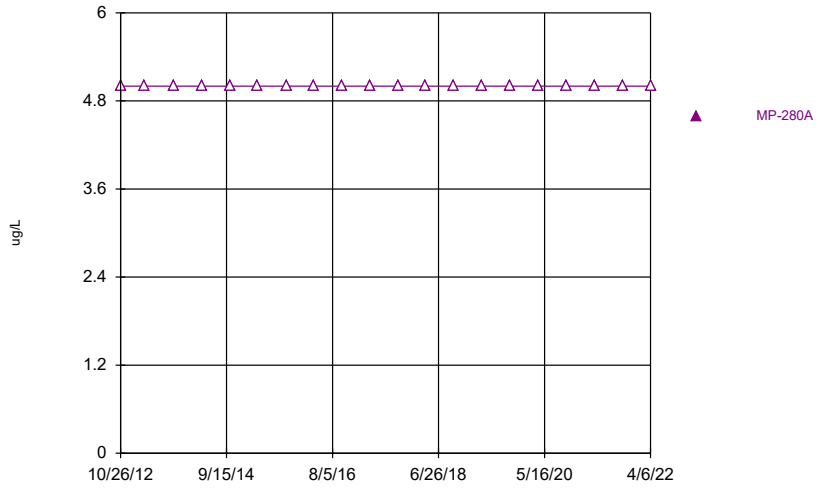

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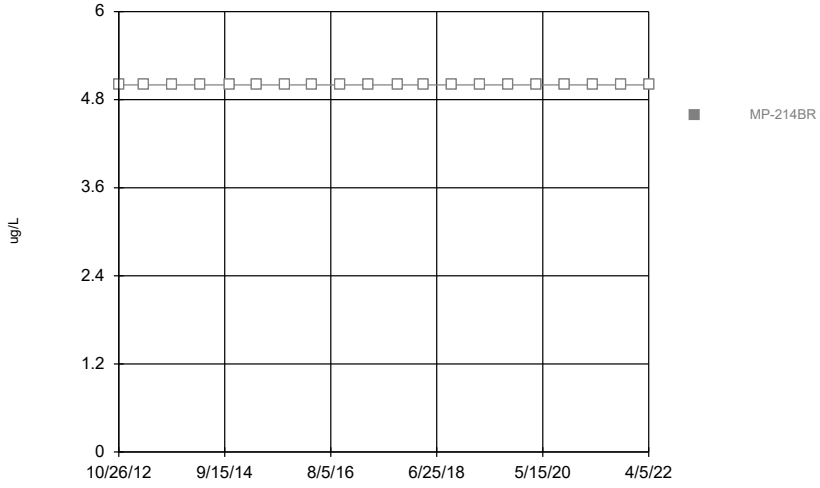

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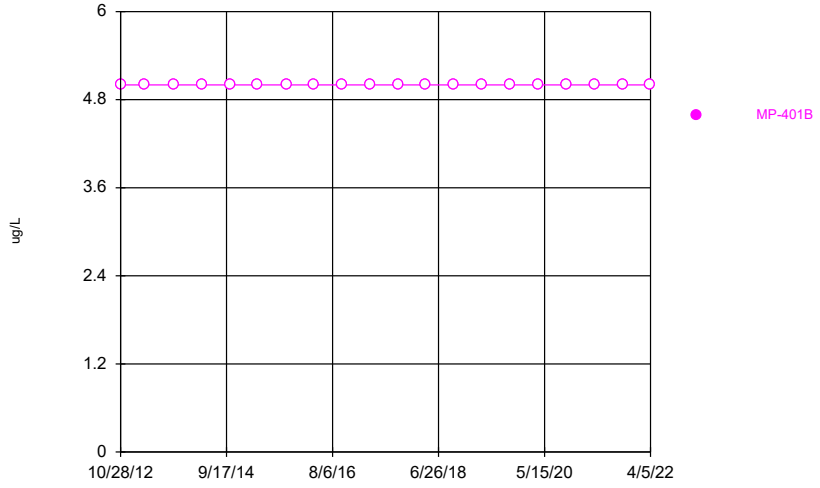
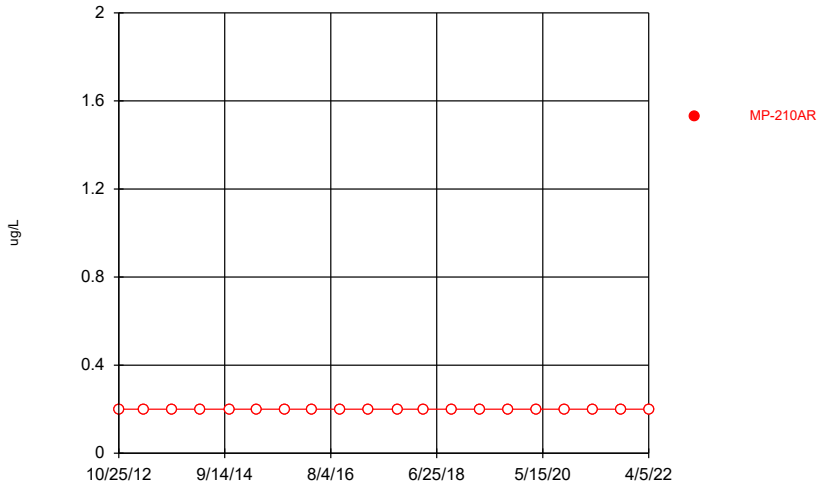
Time Series



Constituent: Lead Dissolved Analysis Run 5/12/2022 2:23 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Mercury Dissolved Analysis Run 5/12/2022 2:23 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.6.33 Software licensed to Eagon & Associates, Inc. UG
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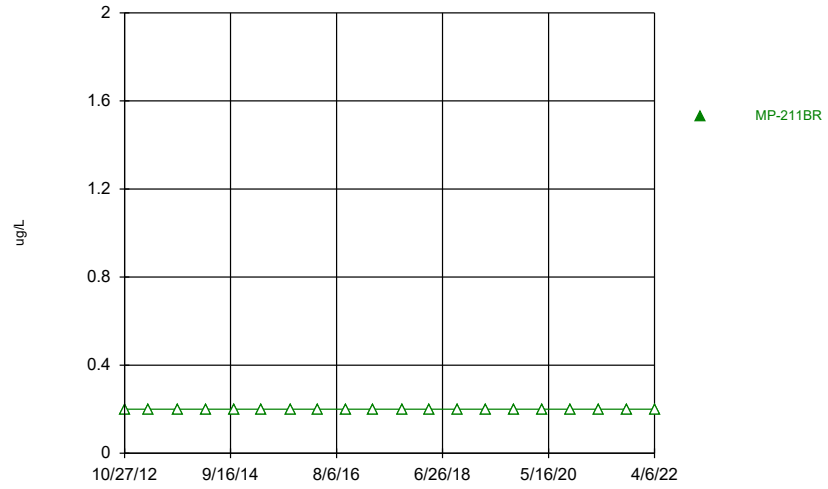
Time Series



Constituent: Mercury Dissolved Analysis Run 5/12/2022 2:23 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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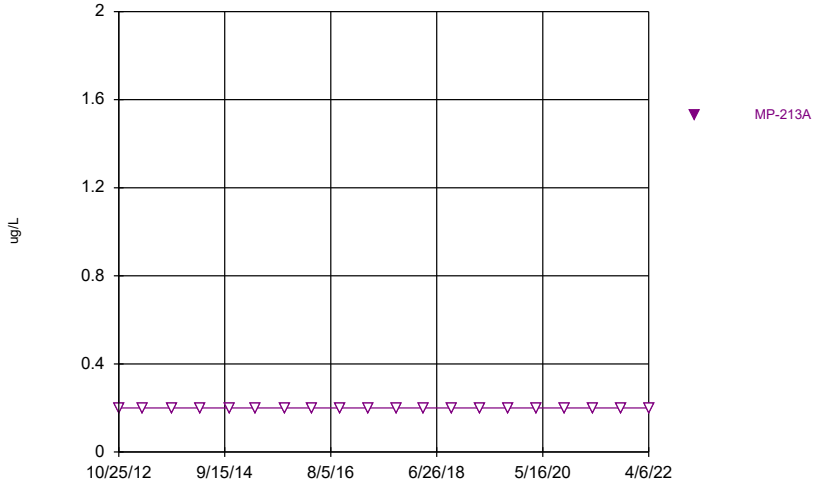
Time Series



Constituent: Mercury Dissolved Analysis Run 5/12/2022 2:23 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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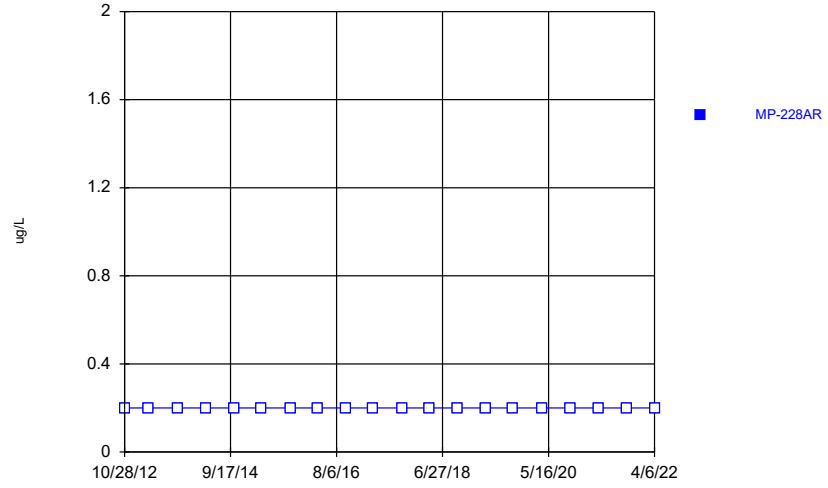
Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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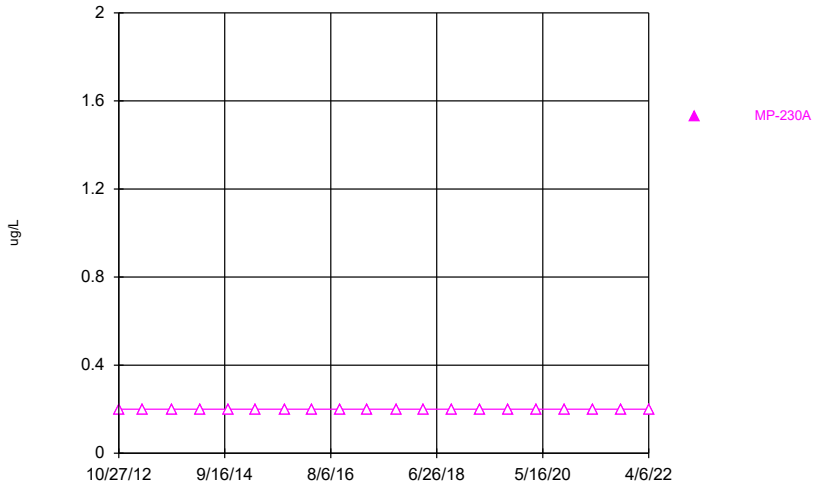
Time Series



Constituent: Mercury Dissolved Analysis Run 5/12/2022 2:23 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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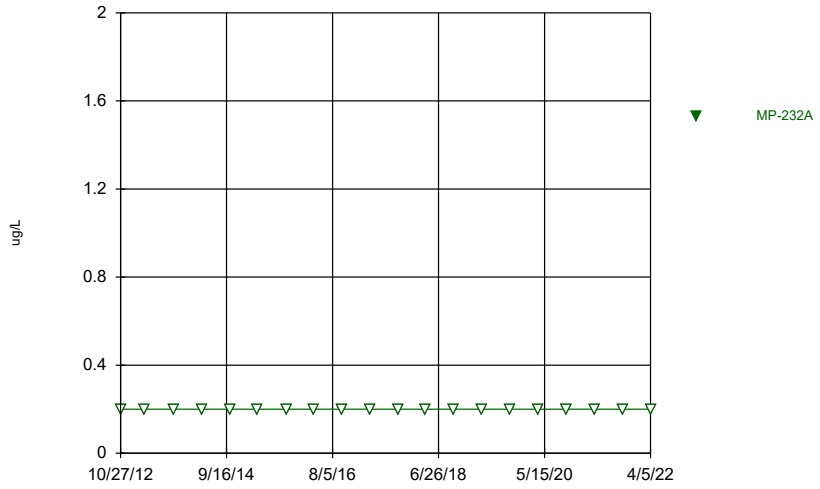
Time Series



Constituent: Mercury Dissolved Analysis Run 5/12/2022 2:23 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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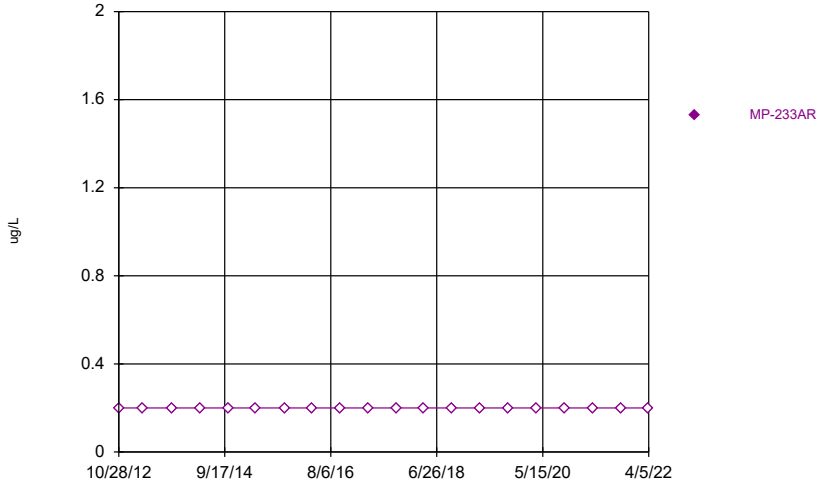
Time Series



Constituent: Mercury Dissolved Analysis Run 5/12/2022 2:23 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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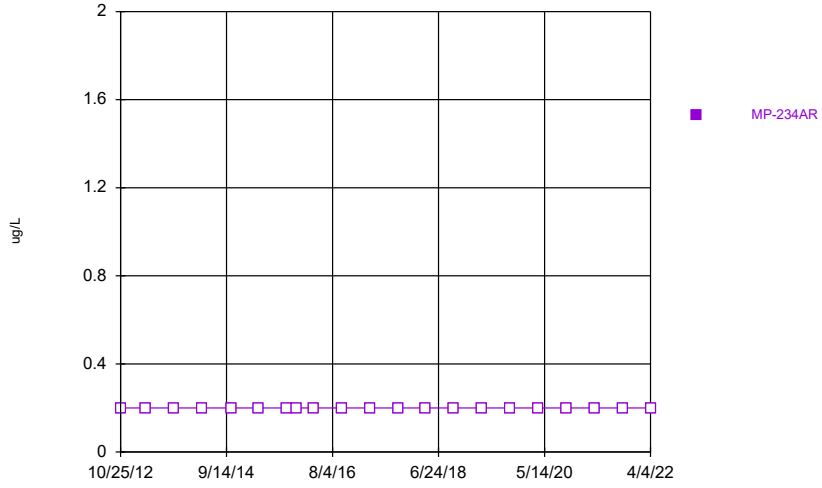

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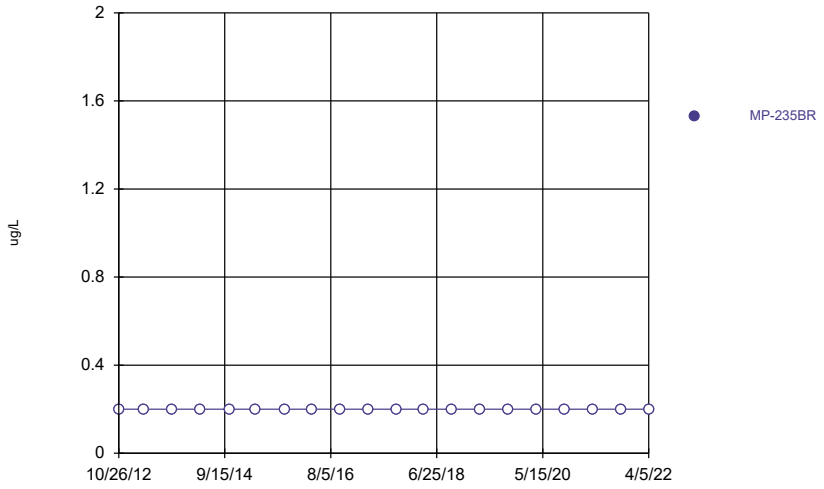

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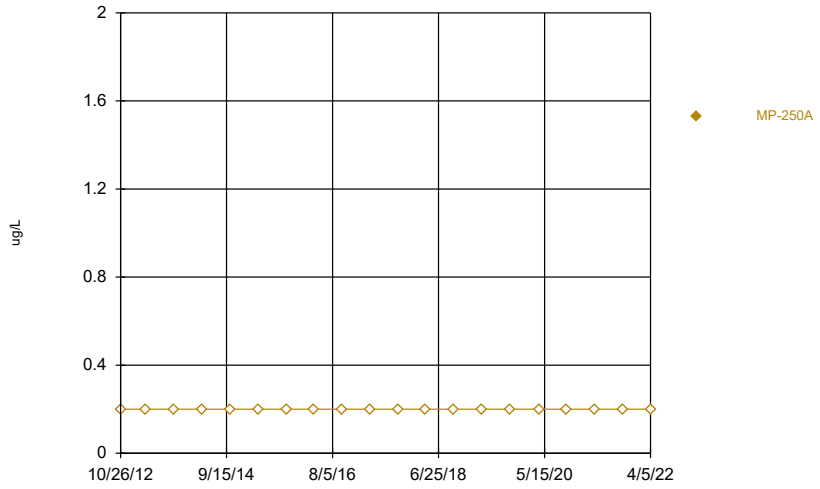
Time Series



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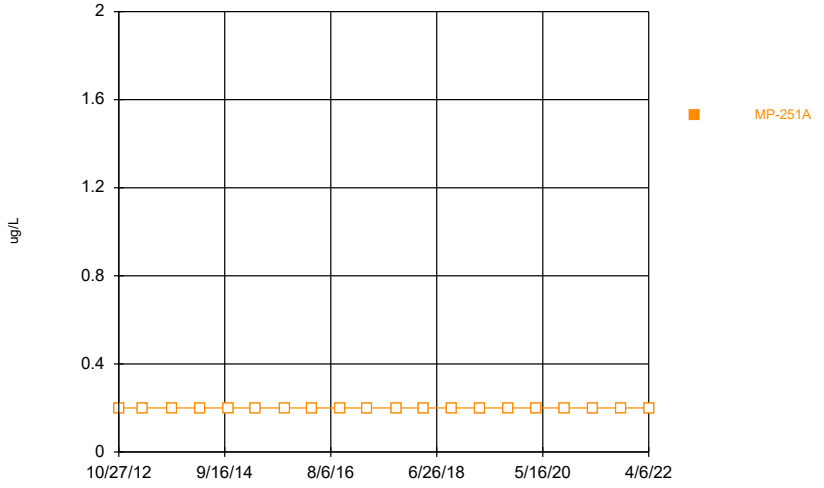
Time Series



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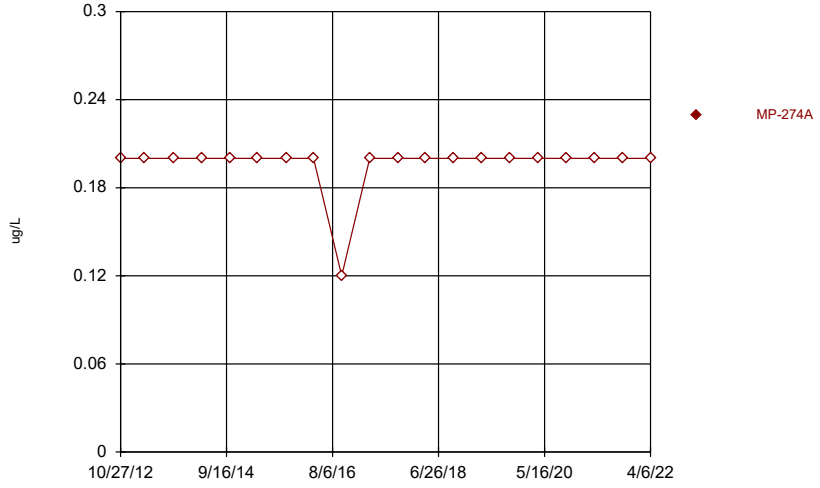

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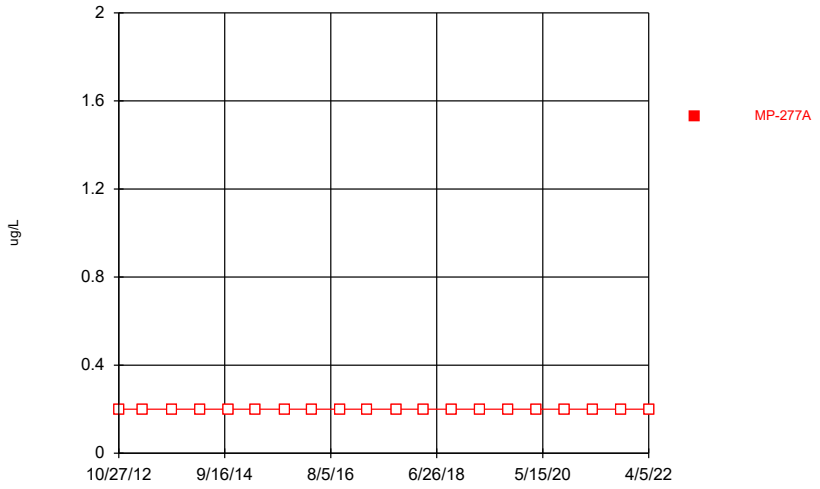

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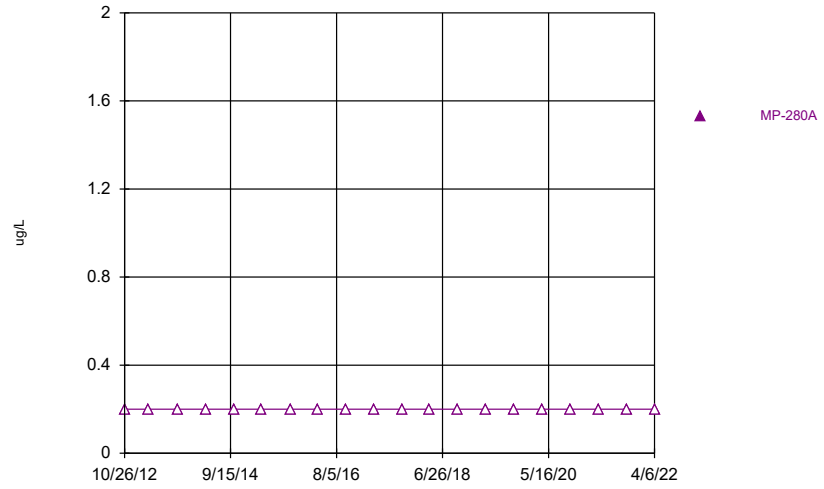

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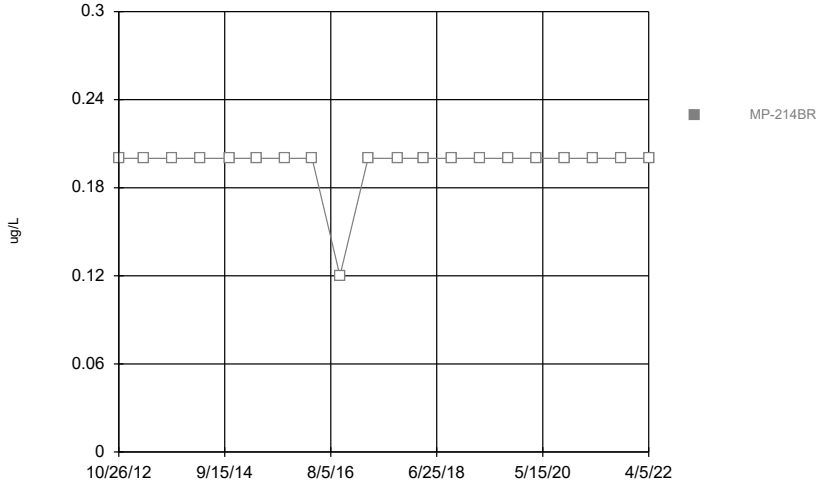

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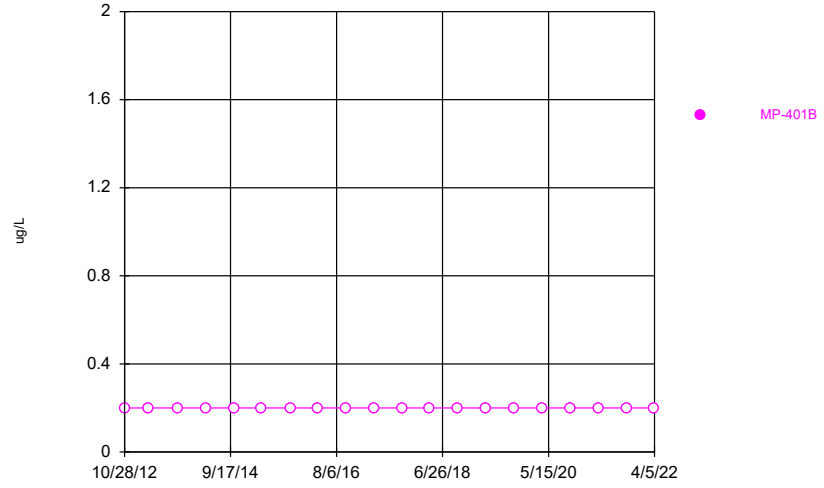

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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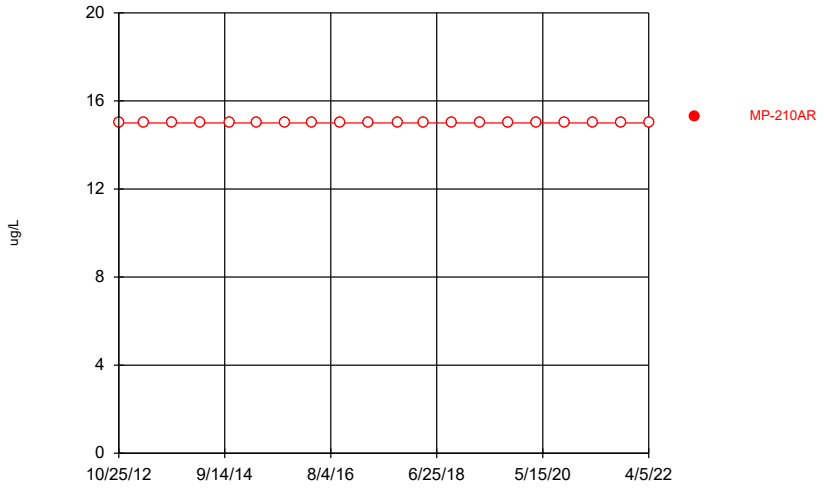

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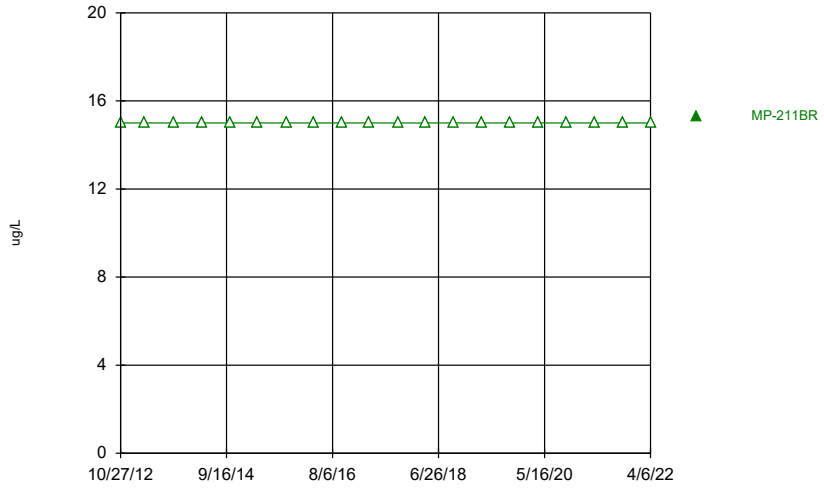

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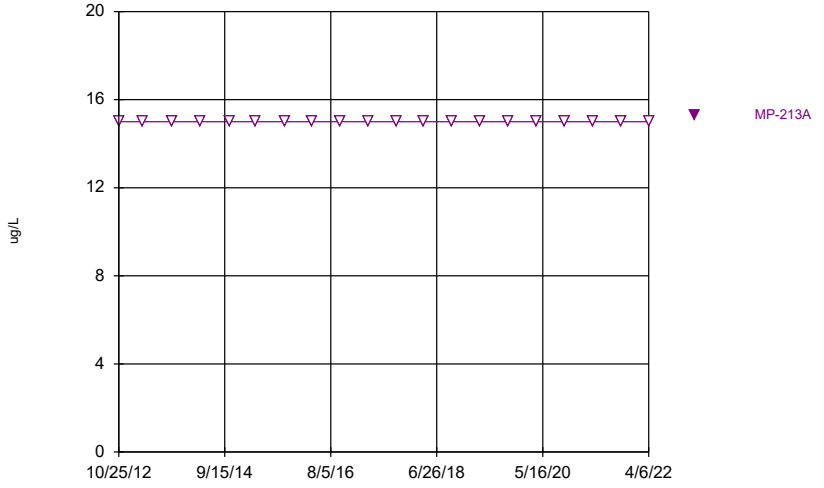

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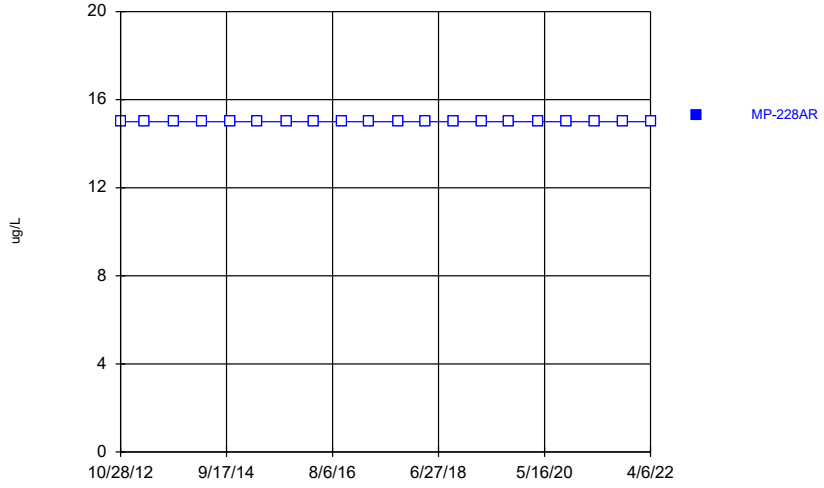

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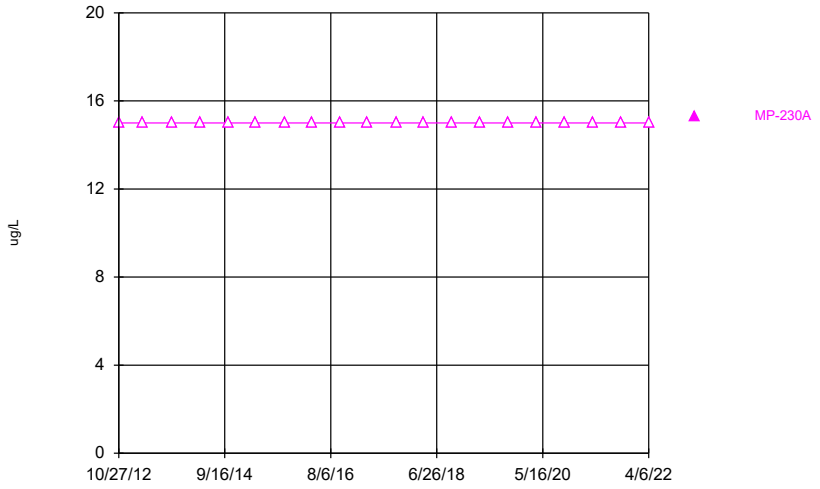

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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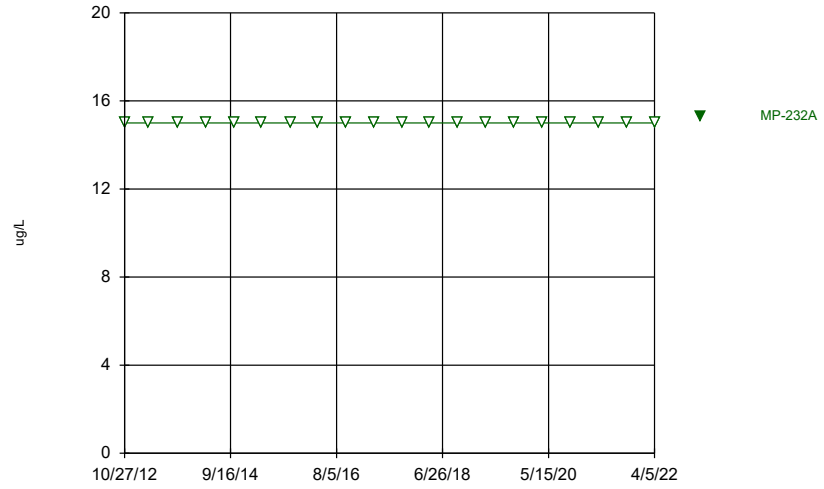
Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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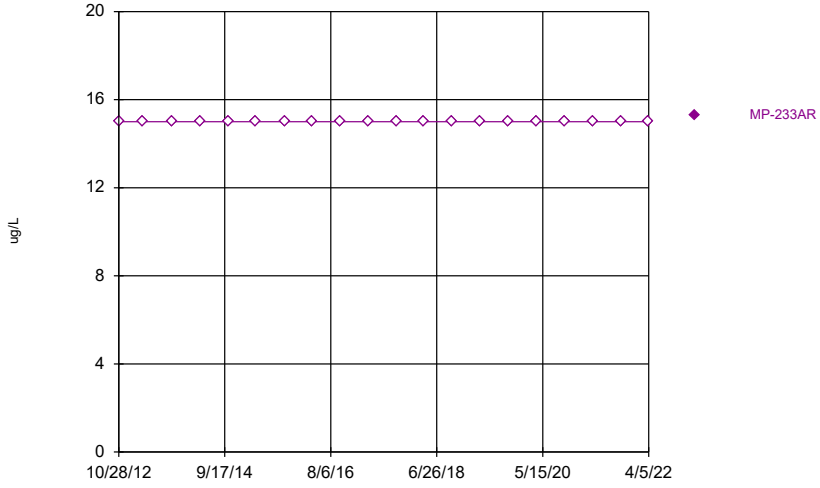

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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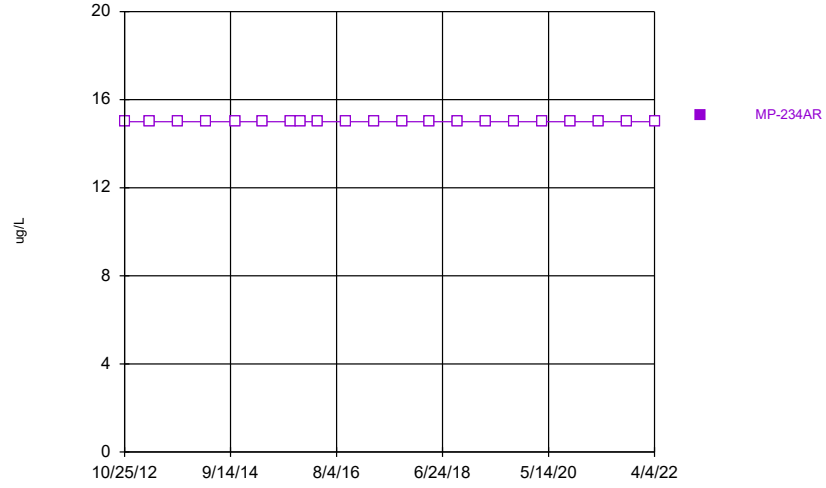

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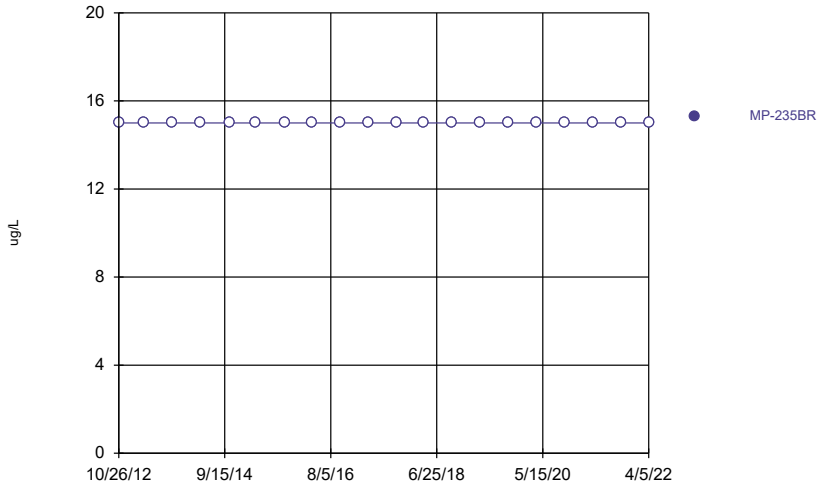

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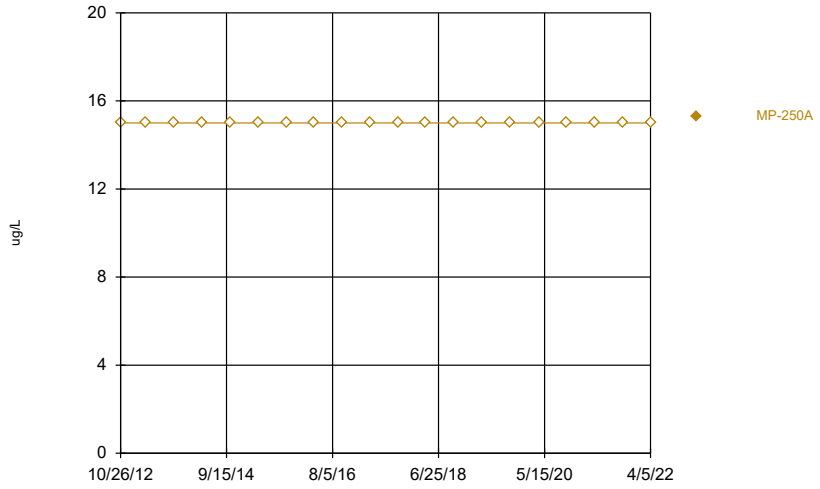

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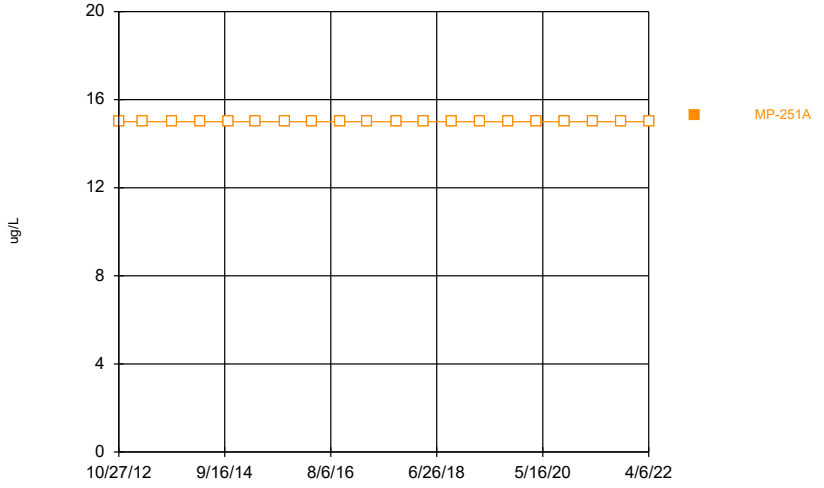

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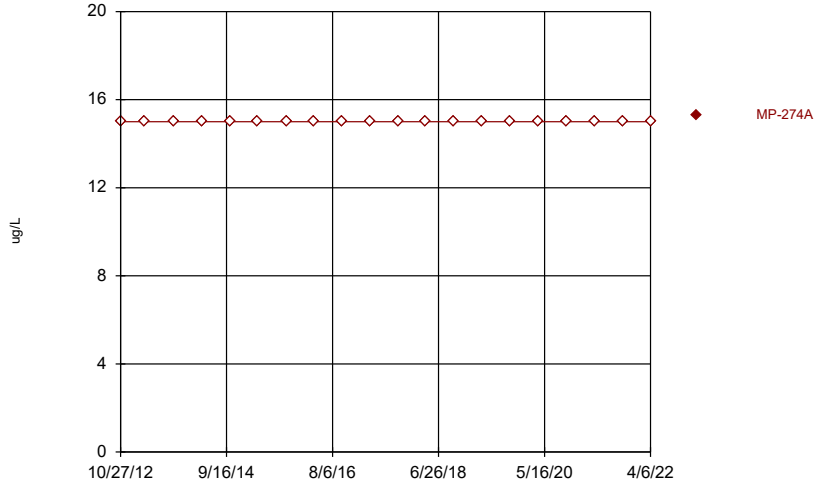

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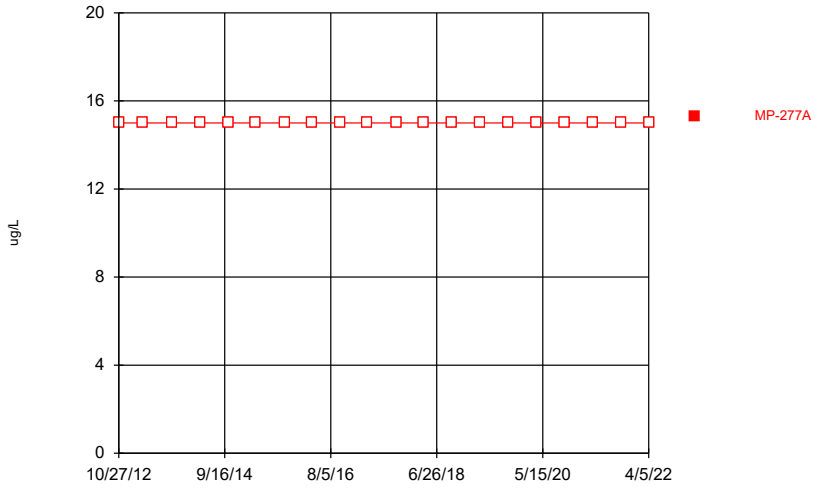

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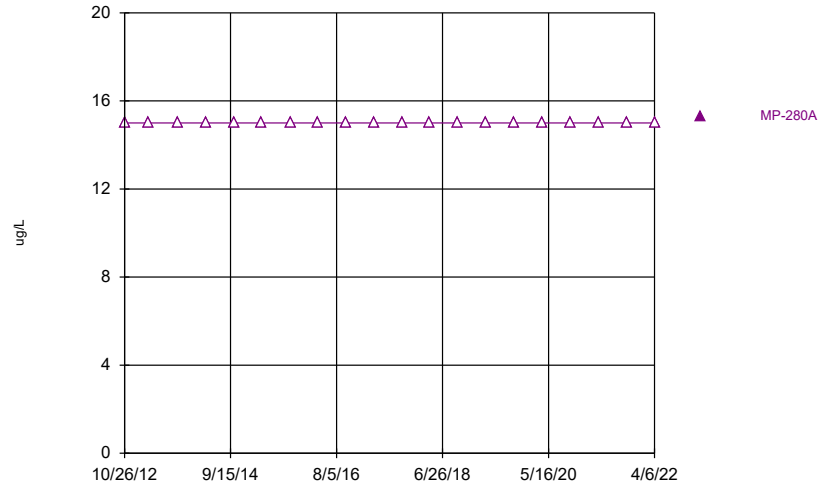

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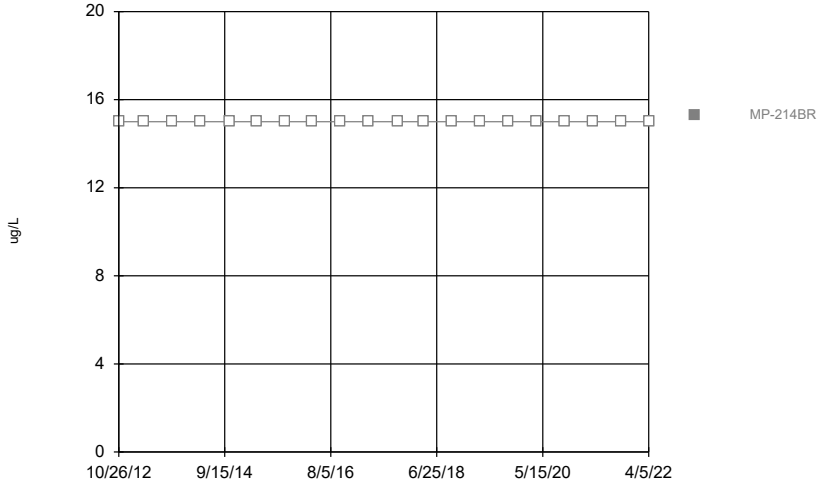

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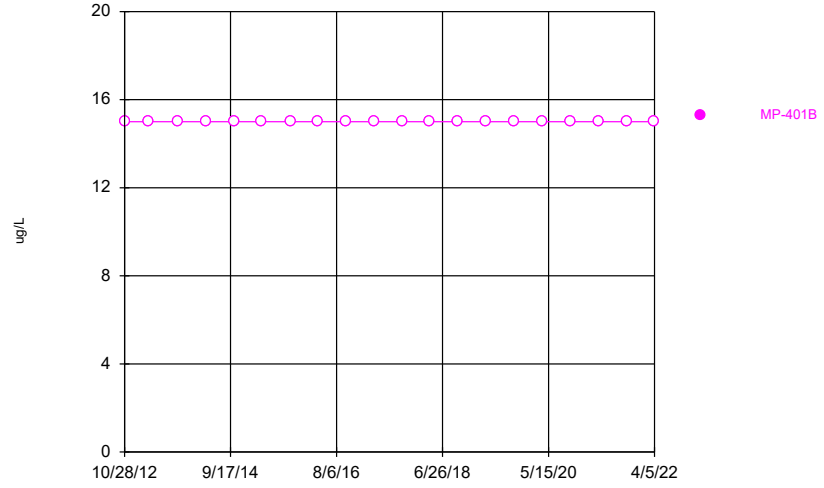

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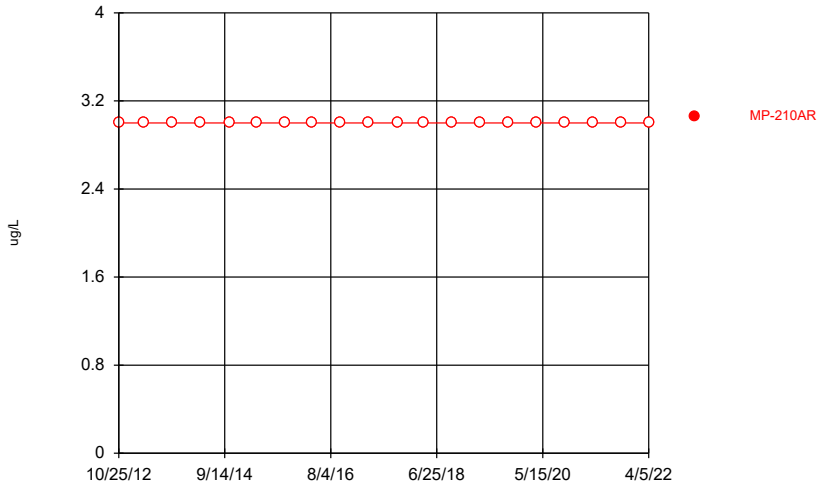

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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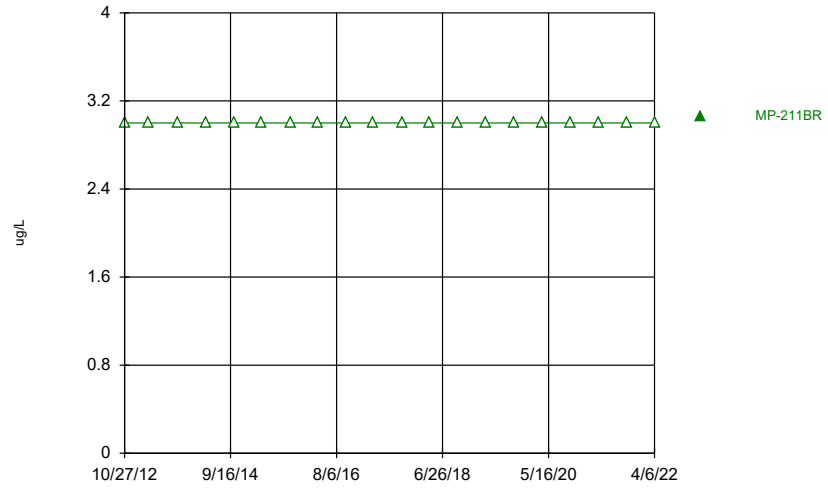

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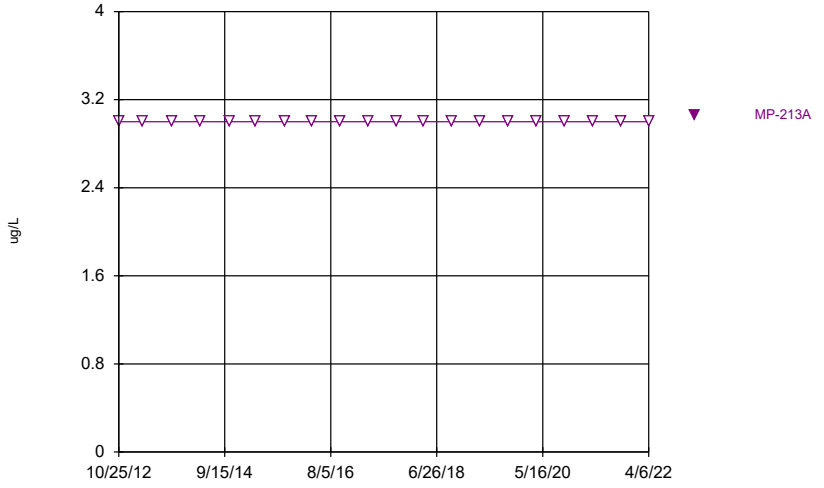

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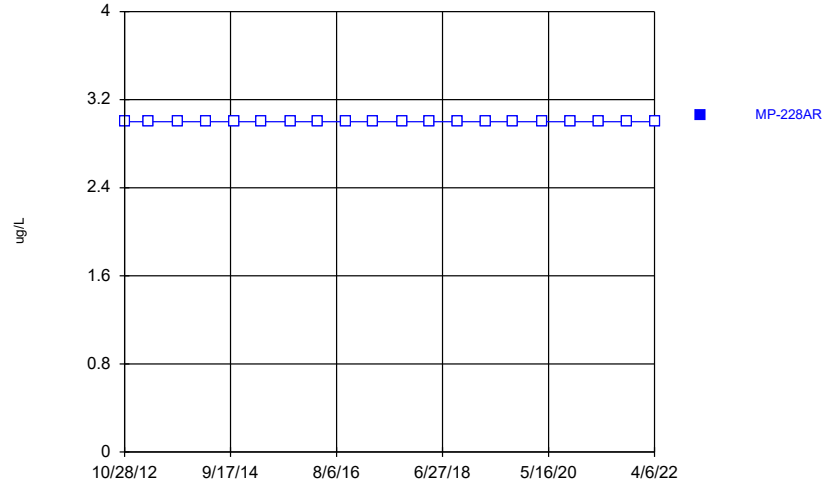

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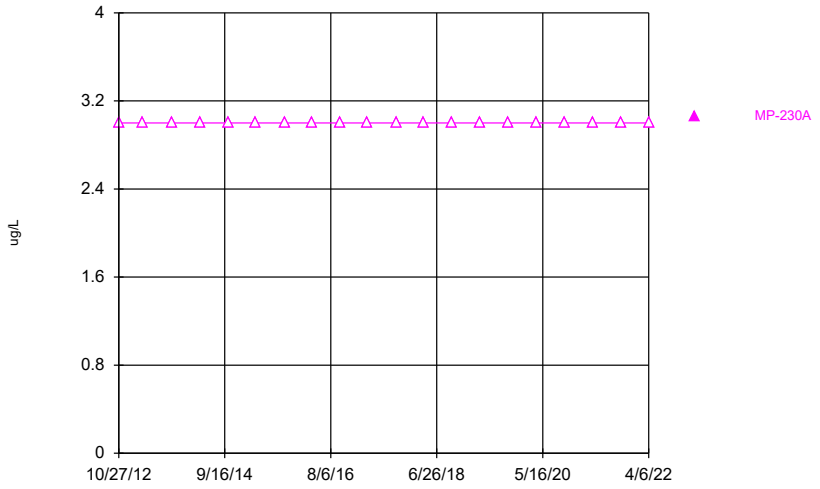

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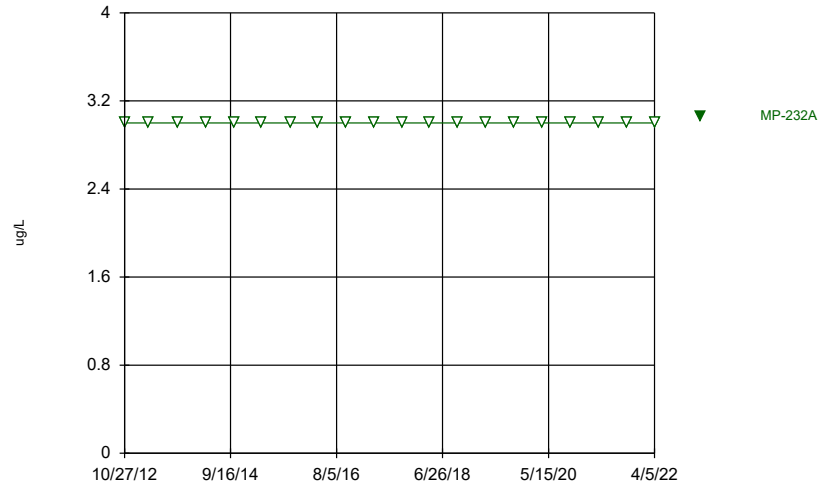
Time Series



Constituent: Silver Dissolved Analysis Run 5/12/2022 2:24 PM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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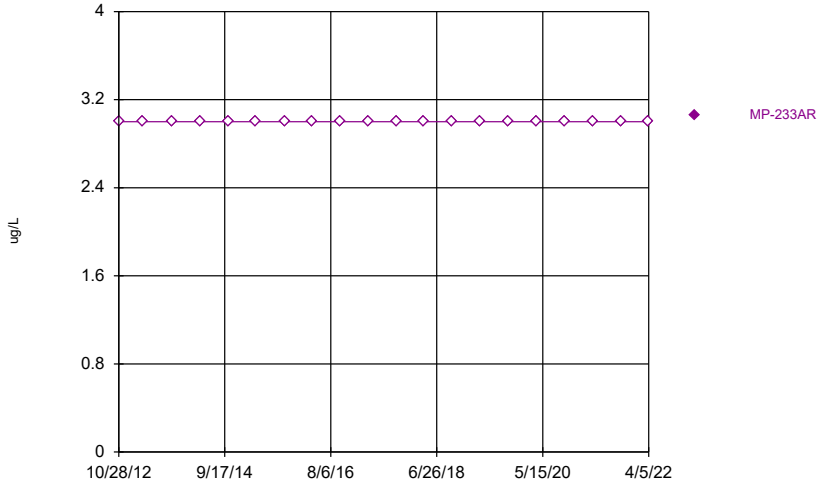
Hollow symbols indicate censored values.

Time Series



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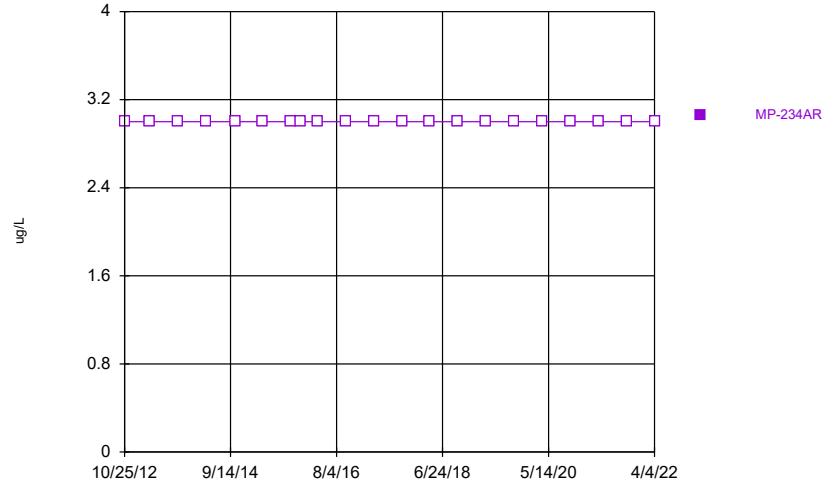

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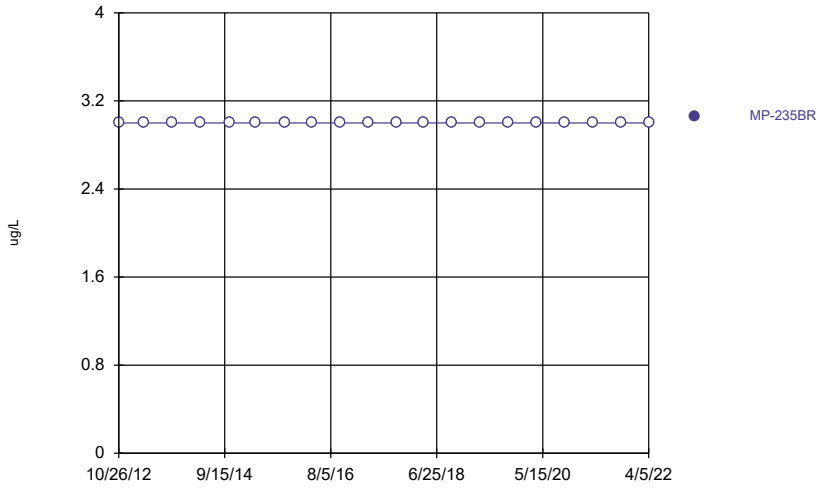

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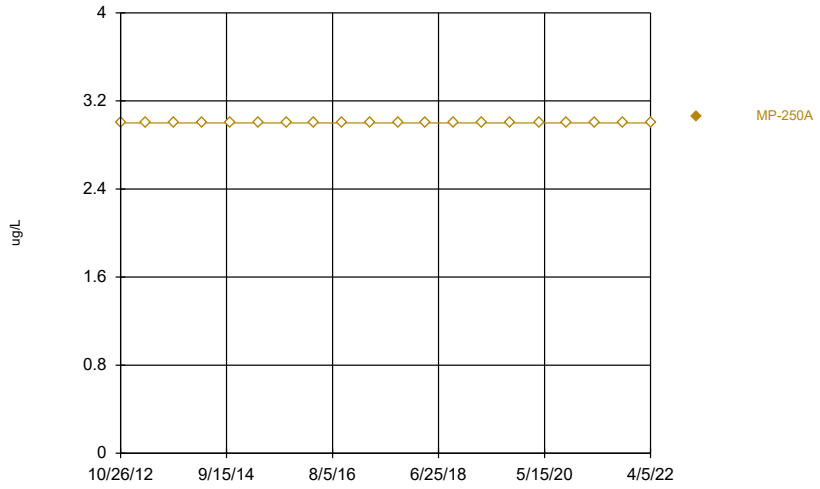

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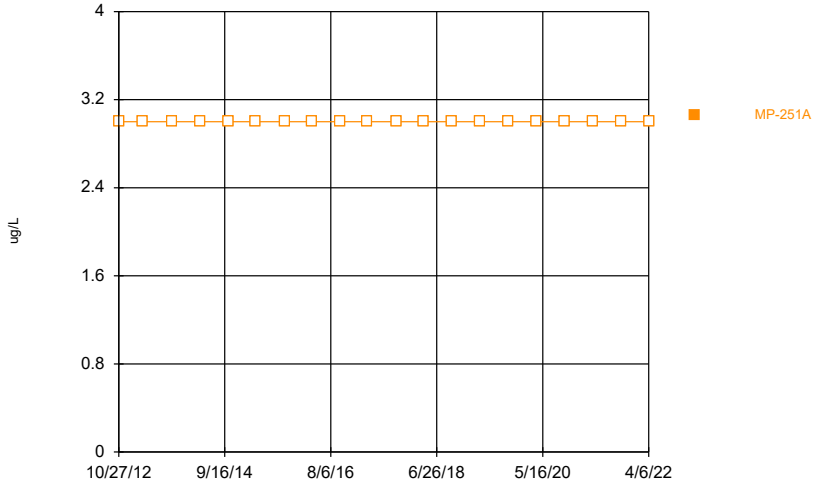

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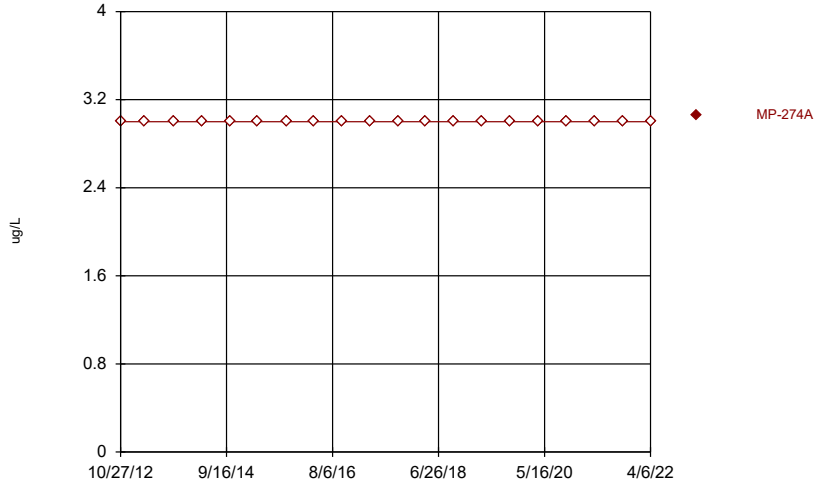

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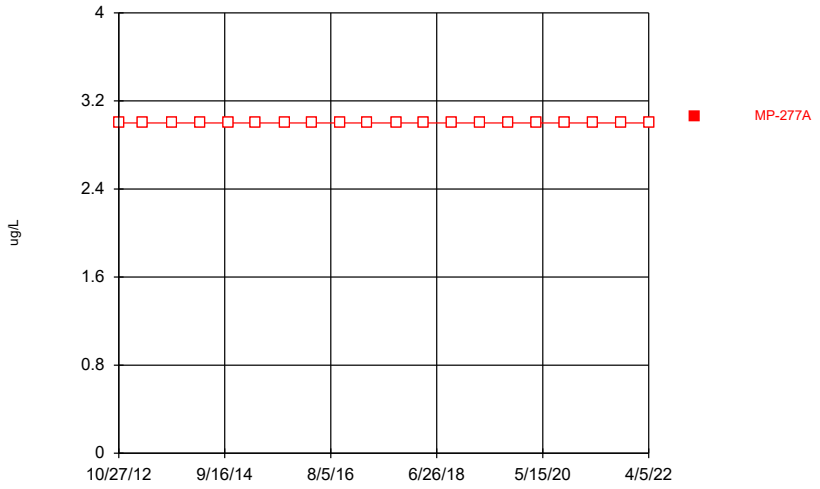

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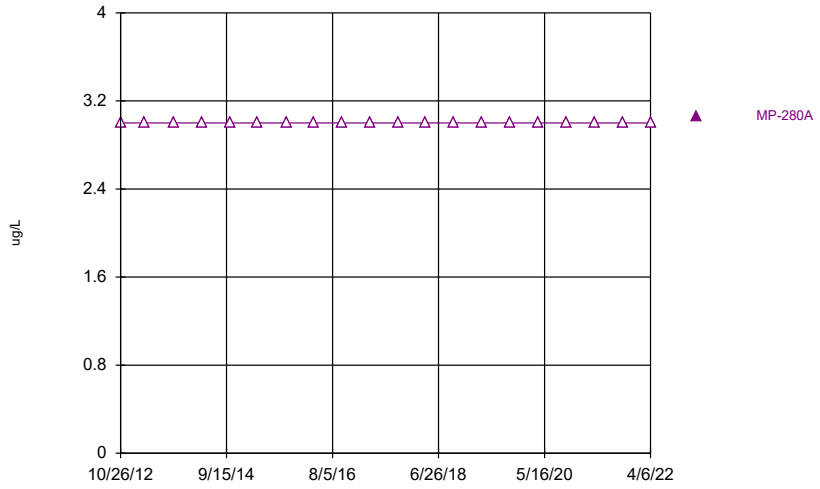

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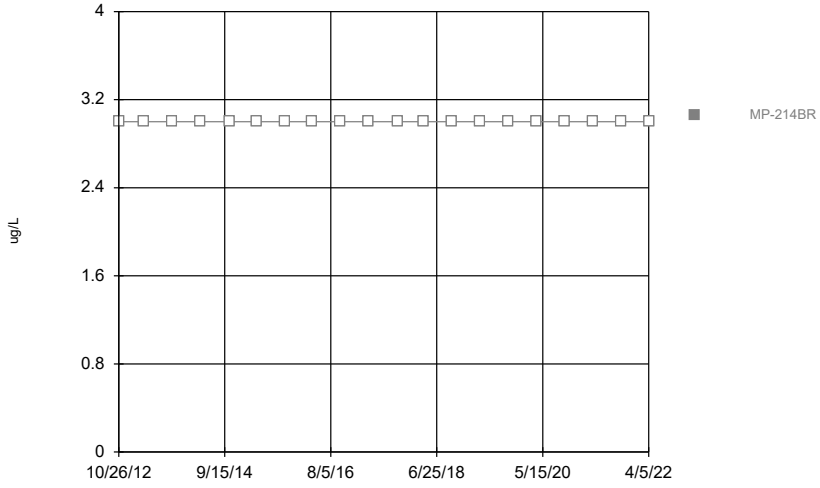

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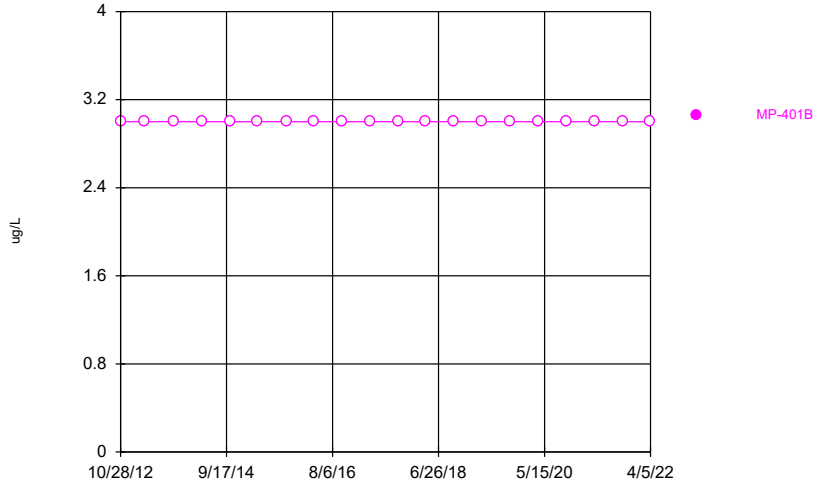

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