CECOS
INTERNATIONAL

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

January 8, 2015

Mr. Tim Hull
Ohio Environmental Protection Agency
401 East Fifth Street
Dayton, Ohio 45402-2911

RE: Detection Monitoring Program
2014 Second Semiannual Ground-Water Quality and Statistical Analysis Results
CECOS International, Inc. - Aber Road Facility
Williamsburg, Ohio
EPA I.D. No. OHD 087 433 744

Dear Mr. Hull:

Transmitted herewith is the report: "Detection Monitoring Program, 2014 Second Semiannual Ground-Water Quality and Statistical Analysis Results, CECOS International, Inc. - Aber Road Facility" (Eagon & Associates, Inc.; January 2015). The report includes the results of October 2014 sampling and statistical analysis of those results, where applicable. The routine 2014 second semiannual sampling activities were conducted on October 13-15, 2014. A resampling event necessitated by a sample holding time issue at the laboratory was completed on December 18, 2014.

CECOS is presently performing ground-water 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. Ground-water monitoring activities for the facility's Detection Monitoring Program (DMP) are performed in accordance with the facility's approved Post-Closure Plan (October 2012) and OAC Rules 3745-54-90 through 54-101.

The attached 2014 second semiannual report includes a summary of the October 2014 semiannual sampling event, December 2014 resampling event, analytical results, laboratory quality assurance and quality control information, chain-of-custody records, field information forms, field-meter calibration records, and the statistical analysis results. Also presented in the report is an evaluation of ground-water flow conditions in each of the four monitoring horizons during the October event, including potentiometric surface maps and a calculation of the ground-water flow rate for each zone.

Laboratory analytical results are presented on CD-ROM in Appendix A of the report. Hardcopies of the laboratory results are available upon request.

The 2014 second semiannual event constitutes the fifth routine semiannual detection monitoring event completed since implementation of the October 2012 revision to the facility's Post-Closure Plan. All DMP

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wells were sampled and statistically evaluated for volatile organic compounds (VOCs). All wells also were sampled for the eight dissolved RCRA metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver, which are included in the statistical analysis program for the Channel Sand and BTI zones. The results for the eight RCRA metals from Upper Sand and 880 Sand wells are qualitatively reviewed for general water-quality characterization during each semiannual DMP event.

In accordance with the October 2012 Post-Closure Plan and its September 2014 revision, the determination of whether statistically significant evidence of contamination exists at the Aber Road Facility is being submitted within 90 days from the October 15, 2014 completion of the 2014 first semiannual sampling event; i.e., by January 13, 2015. There were no statistically significant concentrations identified for any indicator constituent in any monitoring well during the event.

The October 2014 dissolved metals results for the Upper Sand and 880 Sand wells were reviewed and displayed similar characteristics to historical concentrations observed at each well or in each zone, where present. In addition, there were no VOC detections in the Upper Sand or 880 Sand during the event; therefore, there is no basis for additional evaluation of those zones at this time.

In accordance with US EPA requirements for the facility, the October 2014 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.

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

Sincerely,
CECOS International, Inc.

Daniel Deborde
Environmental Manager

Attachments: *Detection Monitoring Program, 2014 Second Semiannual Ground-Water Quality and Statistical Analysis Results, CECOS International, Inc. - Aber Road Facility*

cc: Steve Johnson, US EPA Region 5 (w/attachment)
Brian Freeman, US EPA Region 5 (w/attachment)
Steve Rabolt, Clermont County Administrator (e-copy)
Joe Montello, Republic Services, Inc. (e-copy)
Michael Gibson, Eagon & Associates, Inc. (w/o attachment)
File: B.3

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DETECTION MONITORING PROGRAM
2014 SECOND SEMIANNUAL
GROUND-WATER 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.
Worthington, Ohio

January 2015

EAGON & ASSOCIATES, INC.
100 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
2014 SECOND SEMIANNUAL
GROUND-WATER QUALITY AND
STATISTICAL ANALYSIS RESULTS
CECOS INTERNATIONAL, INC. – ABER ROAD FACILITY

1.0 INTRODUCTION

This report presents the 2014 second semiannual Detection Monitoring Program (DMP) ground-water sampling results for 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 2014 second semiannual DMP ground-water sampling event was completed on October 13 through 15, 2014. A resampling event was completed for monitoring well MP-408 on December 18, 2014. The resampling event was necessitated by a sample holding time exceedance at the laboratory.

CECOS is presently performing ground-water 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, ground-water 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 2014 second semiannual DMP sampling event was performed in accordance with the facility's Ohio EPA-approved Post-Closure Plan (October 2012). A September 2014 revision to the Post-Closure Plan was approved by Ohio EPA on October 31, 2014, following the sampling event. The September 2014 plan included updates to the statistical analysis program for the DMP and was used to evaluate the October 2014 results.

Included herein is a summary of the October 2014 semiannual sampling event, analytical results, laboratory quality assurance and quality control (QA/QC) information, chain-of-custody

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records, field information forms, field-meter calibration records, and the statistical analysis results. No statistically significant concentrations of any constituent were observed for the event.

1.1 Status of the Ground-Water Monitoring Program

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

The DMP ground-water monitoring network consists of 45 monitoring wells:

1. One background and eight point-of-compliance monitoring wells completed in the Upper Sand zone;
2. One background and 15 point-of-compliance wells in the 880 Sand zone;
3. One background and two point-of-compliance wells in the Channel Sand zone; and
4. One background and 16 point-of-compliance wells in the BTI zone.

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.

The indicator constituents for the Upper Sand and 880 Sand 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 October 2012 Post-Closure Plan. The indicator constituents for the Channel Sand and BTI zones are the VOCs evaluated for the Upper Sand and 880 Sand, plus the dissolved RCRA metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. Confirmed detection of a VOC at or above its practical quantitation limit (PQL) is considered to be an indication that the facility may be affecting ground-water quality downgradient of a regulated unit. It is not necessary to establish background for the VOCs; therefore, all point-of-compliance wells in each of the four monitoring horizons are presently evaluated for compliance for VOCs during each event.

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For the Channel Sand and BTI zones, statistical analysis is performed for the dissolved RCRA metals at the point-of-compliance wells. The October 2014 semiannual sampling event is the first event completed since sufficient background observations were available for all eight RCRA metals included on the indicator parameter list for the point-of-compliance wells in the Channel Sand and BTI zones. The September 2014 updates to the statistical analysis plan (Section 11 of the Post-Closure Plan) included statistical background observations collected through July 2014 in accordance with the October 2012 version of the Post-Closure Plan.

In addition to the post-closure ground-water monitoring activities, the DMP monitoring wells also are sampled for Toxic Substances Control Act (TSCA) parameters and those analytical results are also presented herein. The TSCA parameters analyzed in addition to the DMP parameters are polychlorinated biphenyls (PCBs) and total organic carbon (TOC). TOC is naturally occurring and is regularly detected in most wells. No PCBs were detected in any sample collected during the October 2014 event.

2.0 EVENT SUMMARY

2.1 Field Activities

Ground-water sampling activities conducted during the 2014 second semiannual sampling event were performed by Eagon & Associates, Inc. Site-wide water levels were measured on October 13, 2014. 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 sample was analyzed for VOCs.

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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. Monitoring wells were sampled immediately following purging in low-flow wells and were sampled when adequate recharge had occurred in wells that were purged dry.

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 also 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 October 2014 event. One well, MP-239B, was observed to have a large crack in the concrete pad. The pad is scheduled to be repaired or replaced prior to the next semiannual sampling event (April 2015). The results of complete well integrity inspections performed at each well are presented on inspection reports on file at the facility. No other well integrity issues were observed during the event.

The field information forms and laboratory analytical data report for the semiannual sampling event are included in Appendix A. Water levels, purge information, sample observations, and field parameters measured during the event are included on the field information forms.

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2.2 Water Levels and Ground-Water Flow

Ground-water flow conditions have been characterized for the 2014 second semiannual event using the October 13, 2014 water-level elevations measured in all 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 on Tables 1A through 1D, respectively.

Figure 2 shows the contoured water-level elevations and ground-water flow conditions observed across the site within the Upper Sand at the time of the October 2014 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 ground-water flow generally toward the south in the vicinity of the regulated units.

The ground-water flow velocity in the Upper Sand at the time of the October 2014 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 = 2.5 x 10^{-2} in October 2014; and n = 25%; the calculated average linear ground-water flow velocity in the Upper Sand in the vicinity of the regulated units was approximately 1.4 ft/d during the event.

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Figure 3 shows the contoured water-level elevations and ground-water flow conditions observed across the site within the 880 Sand at the time of the October 2014 event. As noted above for the Upper Sand, the 880 Sand is not present where 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 ground-water 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: $K = 1.0 \times 10^{-2}$ cm/s (28.3 ft/d) (RFI); $i = 1.8 \times 10^{-2}$ in October 2014; and n = 25%; the calculated average linear ground-water flow velocity in the 880 Sand in the vicinity of the regulated units was approximately 2.0 ft/d during the event.

Figure 4 shows the contoured water-level elevations and ground-water flow conditions within the Channel Sand at the time of the sampling event. Water levels and flow orientations were generally consistent with previous observations. The ground-water flow direction in the Channel Sand zone follows the discrete nature of the unit and showed an eastward component of flow in the western half of the facility and a south-southeastward component of flow in the vicinity of Cell 11 during the event.

Assuming: $K = 1.0 \times 10^{-1}$ cm/s (283 ft/d) (RFI); $i = 3.6 \times 10^{-4}$ in October 2014; and n = 25%; the calculated average linear ground-water flow velocity in the Channel Sand in the vicinity of the regulated units was approximately 0.4 ft/d during the event.

Figure 5 shows the contoured water-level elevations and ground-water flow conditions observed across the site within the Bedrock-Till Interface (BTI) at the time of the October 2014 event. October 2014 water levels and flow orientations were generally consistent with previous observations. The ground-water flow direction in the BTI varied 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.

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Assuming: K = 5.0 x 10^{-5} cm/s (0.14 ft/d) (RFI); i = 6.6 x 10^{-3} in October 2014; and n = 20%; the calculated average linear ground-water flow velocity in the BTI in the vicinity of the regulated units was approximately 4.6 x 10^{-3} ft/d during the event.

The general flow directions for each of the four units discussed above are consistent with past events. The adequacy of well placement in the ground-water monitoring network has been evaluated using the October 2014 ground-water flow conditions and the requirements of OAC Rule 3745-54-97(A). Based upon that review, the ground-water 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 blank results (i.e., field blank and trip blank) and laboratory method blank results from the event. The analytical methods, PQLs (identified as "RL" in the laboratory reports), and method detection limits (MDLs) are shown on the laboratory analytical report included on CD-ROM in Appendix A. All laboratory analyses of ground-water samples were performed by TestAmerica Laboratories (TAL) in Amherst, New York. All field analyses were performed by Eagon & Associates, Inc. personnel. All field and laboratory analytical results from the monitoring wells for October 2014 will be entered into the facility's annual reporting electronic database.

Duplicate samples were collected from monitoring wells MP-228AR, MP-401B, and MP-274A. 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

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duplicate samples are shown next to their respective original well sample results on Table 3 and were below five percent 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. No constituents analyzed were detected in the field blank at or above their respective PQLs.

A trip blank prepared by the laboratory was analyzed for VOCs. No VOCs were detected at or above their respective PQLs in the trip blank.

Laboratory QA/QC was evaluated internally by laboratory personnel and a summary narrative of that evaluation is included in Appendix A. No significant QA/QC issues were noted by the laboratory, with the exception of a holding time exceedance discussed below and a sample labeling discrepancy that was reconciled via a chain-of-custody cross-check. The holding time exceedance necessitated a resample, as described below. No other corrective action was deemed necessary for any of the samples analyzed for the event and the data are considered representative.

In an effort to address foaming observed in the VOC sample for MP-408 during the 2014 first semiannual sampling, both preserved and unpreserved VOC samples were collected from the well in October. Foaming was again observed by the laboratory in the preserved sample at the time of analysis, which led to the laboratory implementing a five-time dilution prior to analysis and elevated detection limits. Foaming was not observed in the unpreserved sample; however, the laboratory inadvertently failed to analyze the unpreserved sample within the shorter, required seven-day holding time for unpreserved VOC analyses. Therefore, the well was resampled for VOCs (unpreserved) on December 18, 2014 and those results are also included in Appendix A. As discussed in the report for the 2014 first semiannual sampling event, the water from well MP-408 has been observed to effervesce during purging; indicating the presence of naturally occurring dissolved gas in the sample. MP-408 is the deepest monitoring well at the facility and has the tallest water column; therefore, the presence of naturally occurring dissolved gases in ground water is not unexpected for such wells

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screened across Ordovician limestones and shales. It is anticipated that only unpreserved VOC samples will be collected from MP-408 during future sampling events. Meeting the shorter hold has been re-emphasized to the laboratory.

3.0 STATISTICAL ANALYSIS

Statistical analysis of the October 2014 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 (September 2014). The October 2014 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). In addition, statistical analysis of the results for the 62 indicator VOCs has been performed for all downgradient monitoring wells in all four monitoring horizons.

Statistical analysis was performed via the comparison of the October 2014 results to intrawell prediction limits calculated for the dissolved indicator metals using the *Sanitas* statistical software package. The VOC results were compared to their respective PQLs.

3.1 Background Data

The intrawell statistical methods used to evaluate the downgradient ground-water detection monitoring results at the Aber Road facility involve comparisons between monitoring data collected during a "background" period to future sampling results from the same well to determine if the results are statistically significant. Current summary background statistics computed for each downgradient well are presented in Appendix B.

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3.2 Statistical Analysis of October 2014 Dissolved Metals Results

The results of the statistical analyses for the dissolved metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver are presented in Appendix B. No statistically significant concentrations were identified for the October 2014 event.

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

3.3 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.

The results of the comparisons of the VOC results to their respective PQLs at the downgradient monitoring wells are summarized on 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 October 2014 event.

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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 October 2014 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 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 only have been routinely analyzed since October 2012.

As shown on the time-series plots, the October 2014 metals results were generally within the range or expected trend of previously observed concentrations in both the Upper Sand and 880 Sand. The arsenic results from 880 Sand well MP-233AR (12 ug/L) and Upper Sand well MP-244ARR (12 ug/L) were slightly higher than the historical range for arsenic at these wells but the results remained within the range of concentrations routinely observed for each zone. No results were substantially divergent from historical results; however, there were multiple detections of dissolved arsenic and barium that were at or near their lowest detected concentrations observed to date. Naturally occurring arsenic and barium are routinely detected in the majority of Upper Sand and 880 Sand wells (Appendices C and D).

There were no detections of any other metals at or above their respective PQLs in the 880 Sand or Upper Sand monitoring wells during the event.

Based on the review of the October 2014 sampling results, no additional evaluation of the Upper Sand and 880 Sand monitoring zones is warranted at this time.

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5.0 SUMMARY

The 2014 second semiannual DMP ground-water quality sampling results indicate that no confirmed statistically significant concentrations of the indicator constituents were present at any well downgradient of the regulated units at the Aber Road facility during the event.

October 2014 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.

One monitoring well integrity issue, a cracked concrete pad at well MP-239B, was observed during the event. The pad will be repaired or replaced prior to the next semiannual sampling event.

The next routine semiannual DMP ground-water sampling event is tentatively scheduled for April 2015.

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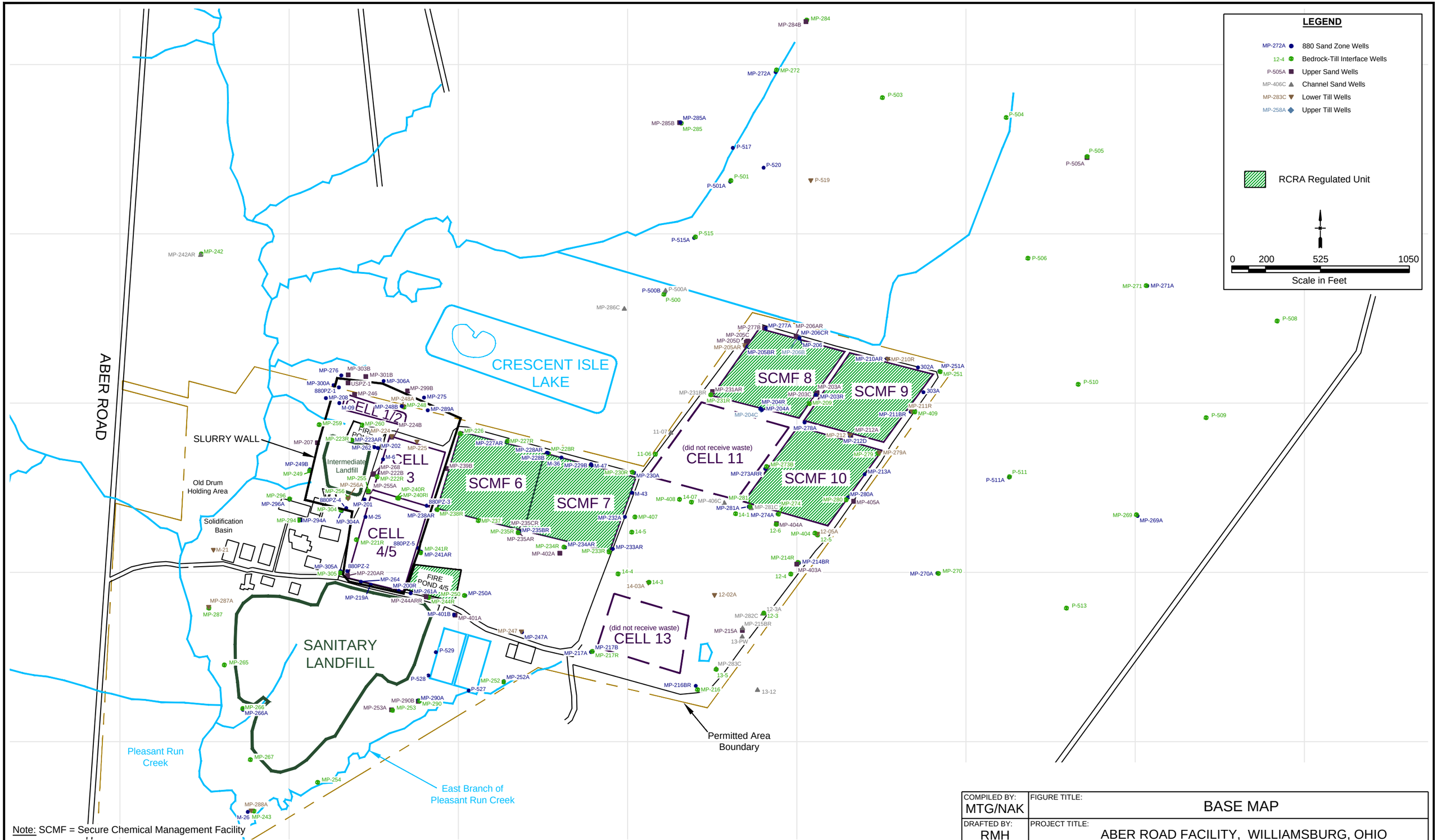
FIGURES



Note: SCMF = Secure Chemical Management Facility

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COMPILED BY: MTG/NAK	FIGURE TITLE: BASE MAP
DRAFTED BY: RMH	PROJECT TITLE: ABER ROAD FACILITY, WILLIAMSBURG, OHIO
CHECKED BY: MTG	PREPARED BY: EAGON & ASSOCIATES, INC. 100 OLD WILSON BRIDGE ROAD, SUITE 115 WORTHINGTON, OHIO 43085
APPROVED BY: MTG	FIGURE NUMBER: 1
DATE: JUNE 12, 2014	REP011447

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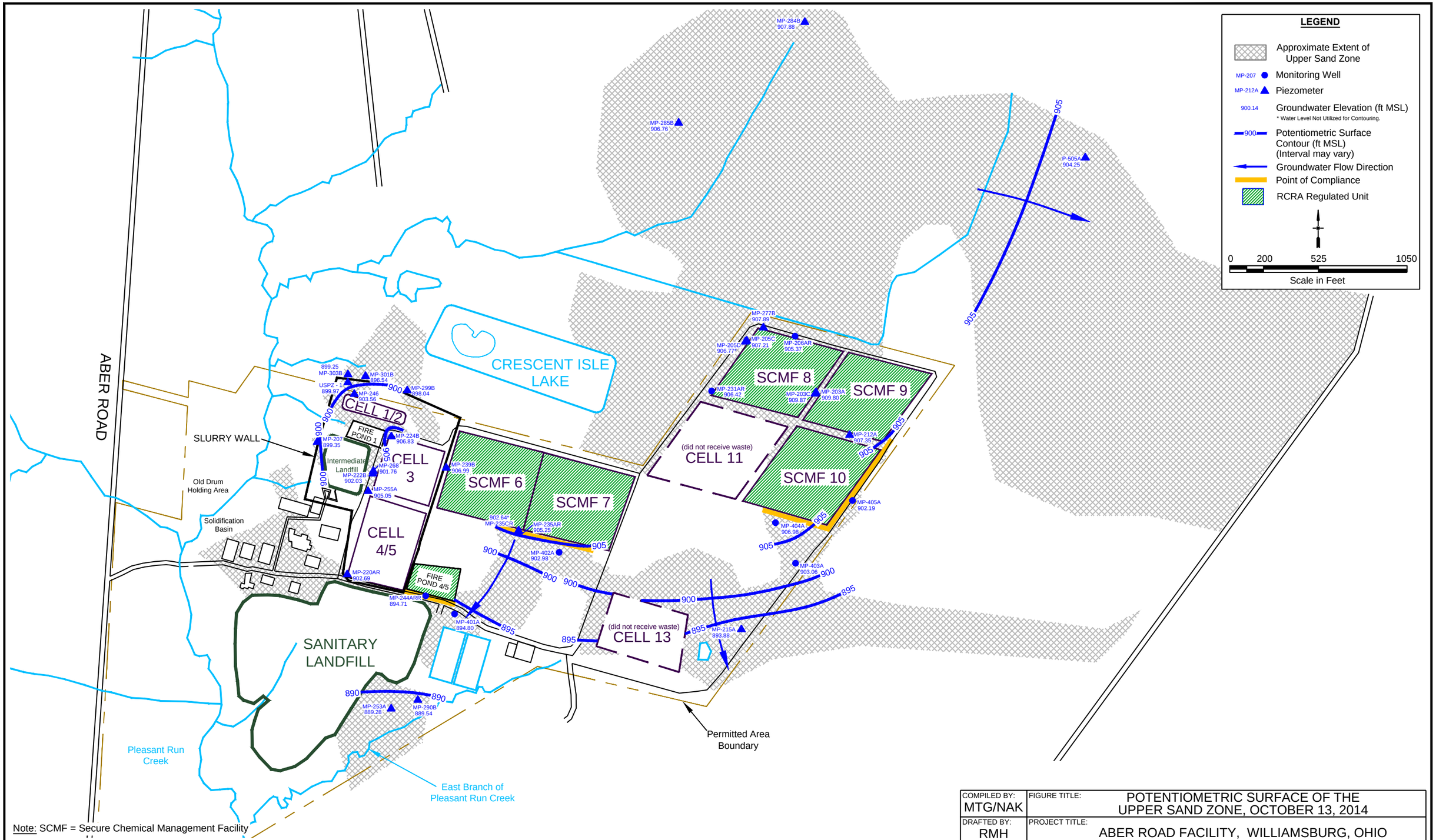

Note: SCMF = Secure Chemical Management Facility

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COMPILED BY: MTG/NAK	FIGURE TITLE: POTENTIOMETRIC SURFACE OF THE UPPER SAND ZONE, OCTOBER 13, 2014	
DRAFTED BY: RMH	PROJECT TITLE: ABER ROAD FACILITY, WILLIAMSBURG, OHIO	
CHECKED BY: MTG	PREPARED BY: *EAGON & ASSOCIATES, INC.* *100 OLD WILSON BRIDGE ROAD, SUITE 115* *WORTHINGTON, OHIO 43085*	FIGURE NUMBER: 2
APPROVED BY: MTG		
DATE: DEC. 18, 2014		

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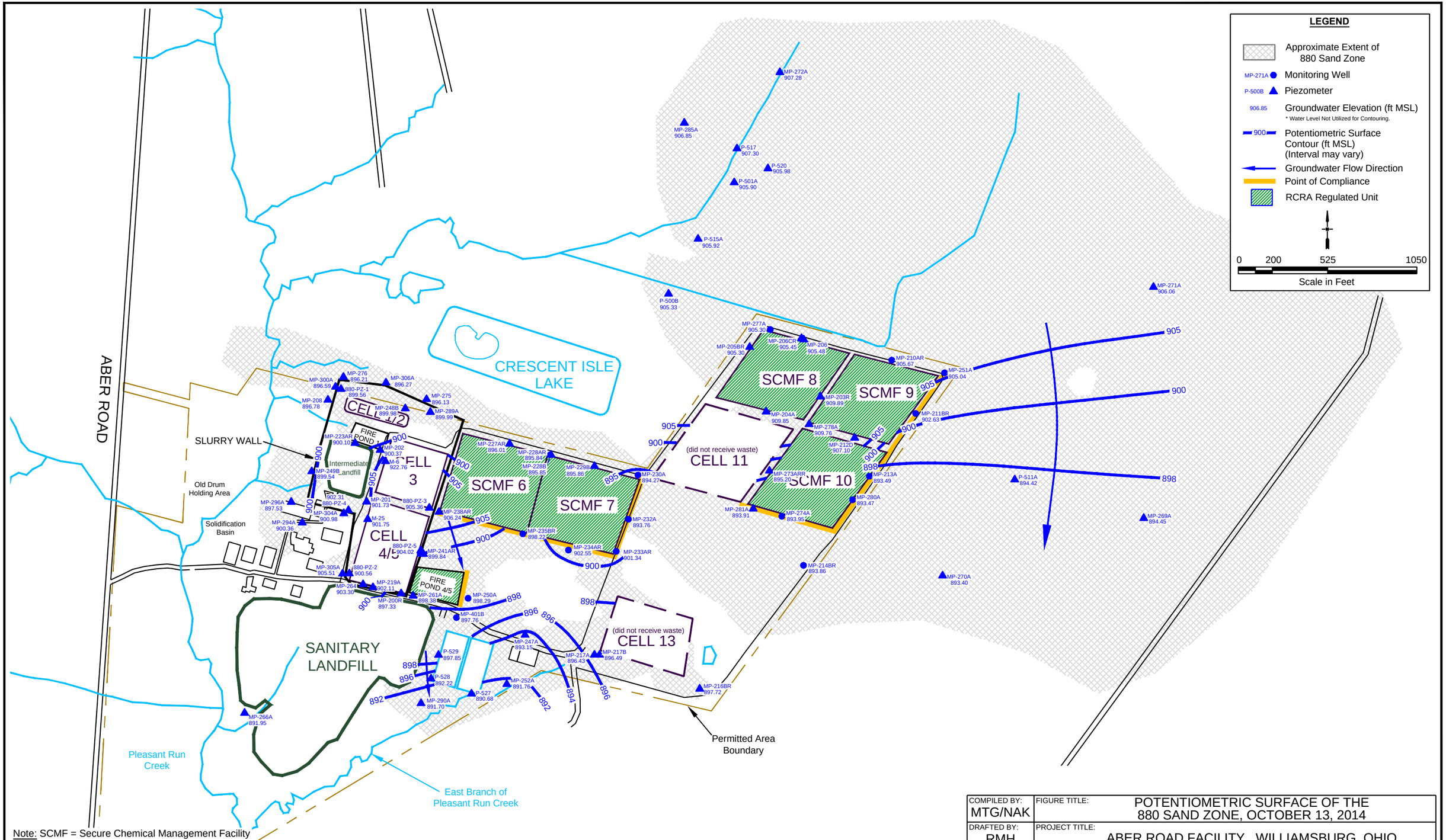

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COMPILED BY: MTG/NAK	FIGURE TITLE: POTENTIOMETRIC SURFACE OF THE 880 SAND ZONE, OCTOBER 13, 2014	
DRAFTED BY: RMH	PROJECT TITLE: ABER ROAD FACILITY, WILLIAMSBURG, OHIO	
CHECKED BY: MTG	PREPARED BY: *EAGON & ASSOCIATES, INC.* *100 OLD WILSON BRIDGE ROAD, SUITE 115* *WORTHINGTON, OHIO 43085*	FIGURE NUMBER: 3
APPROVED BY: MTG		
DATE: DEC. 18, 2014		

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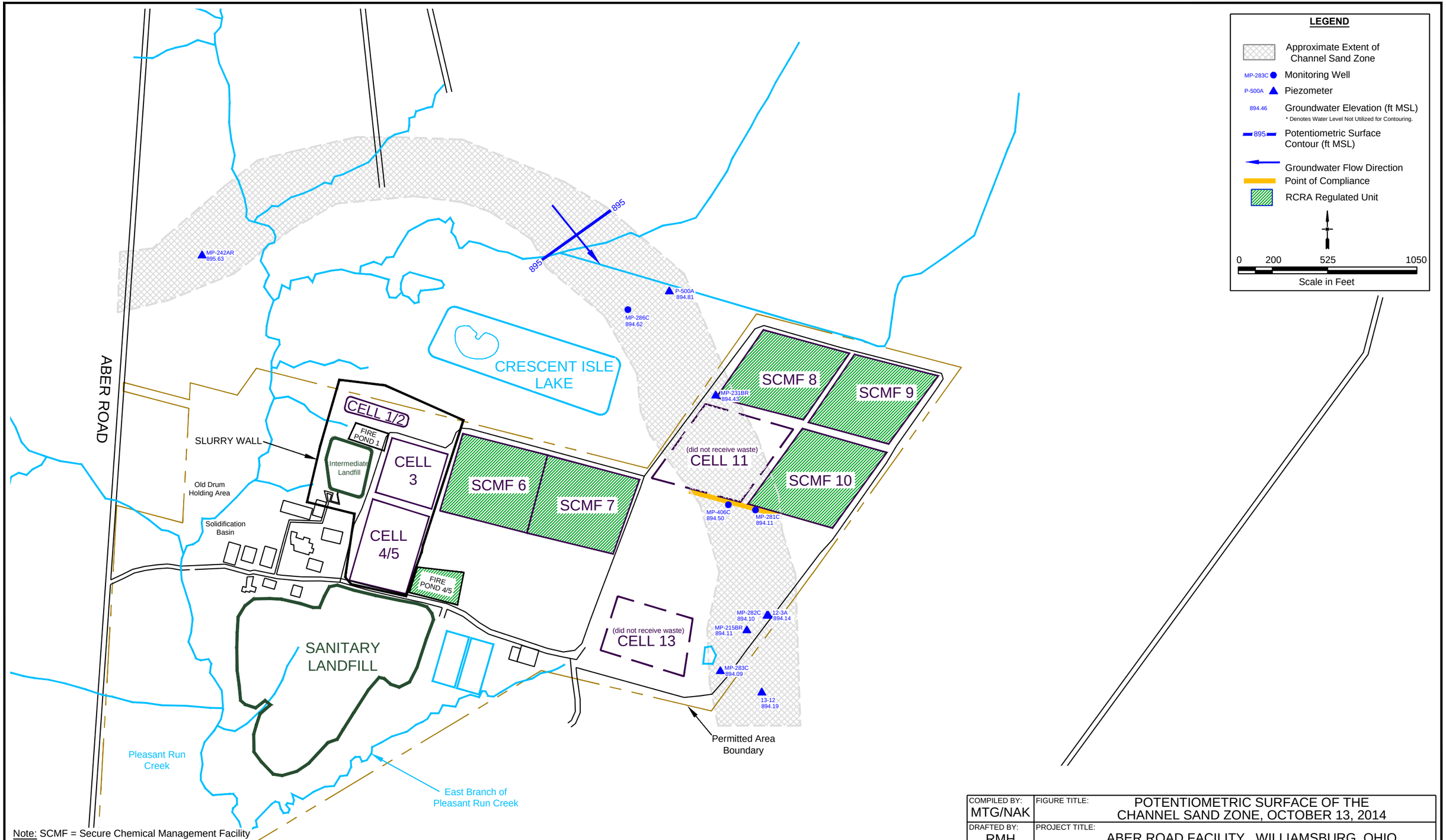

Note: SCMF = Secure Chemical Management Facility

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COMPILED BY: MTG/NAK	FIGURE TITLE: POTENTIOMETRIC SURFACE OF THE CHANNEL SAND ZONE, OCTOBER 13, 2014	
DRAFTED BY: RMH	PROJECT TITLE: ABER ROAD FACILITY, WILLIAMSBURG, OHIO	
CHECKED BY: MTG	PREPARED BY: *EAGON & ASSOCIATES, INC.* *100 OLD WILSON BRIDGE ROAD, SUITE 115* *WORTHINGTON, OHIO 43085*	FIGURE NUMBER: 4
APPROVED BY: MTG		
DATE: DEC. 18, 2014		

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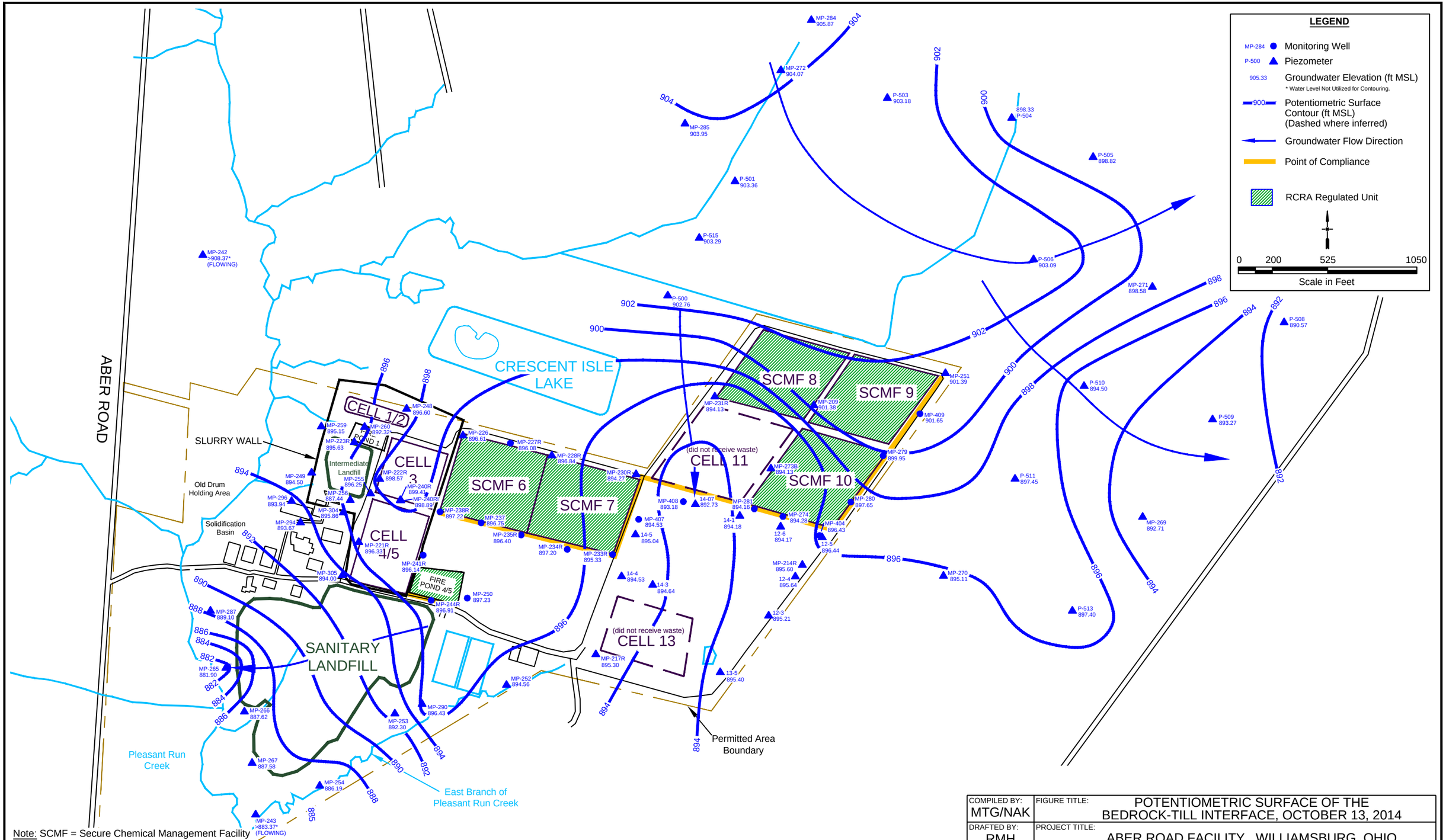
REP011450



Note: SCMF = Secure Chemical Management Facility

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HERST & ASSOCIATES, INC.

COMPILED BY: MTG/NAK	FIGURE TITLE: POTENTIOMETRIC SURFACE OF THE BEDROCK-TILL INTERFACE, OCTOBER 13, 2014	
DRAFTED BY: RMH	PROJECT TITLE: ABER ROAD FACILITY, WILLIAMSBURG, OHIO	
CHECKED BY: MTG	PREPARED BY: *EAGON & ASSOCIATES, INC.* *100 OLD WILSON BRIDGE ROAD, SUITE 115* *WORTHINGTON, OHIO 43085*	FIGURE NUMBER: 5
APPROVED BY: MTG		
DATE: DEC. 18, 2014		

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TABLES

TABLE 1A.
MEASURED WATER LEVELS IN THE UPPER SAND ZONE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
MP-203A	PZ	928.74	1117	18.94	909.80	
MP-203C	PZ	927.60	1115	17.73	909.87	
MP-205C	PZ	915.36	1047	8.15	907.21	
MP-205D	PZ	915.73	1129	8.96	906.77	
MP-206AR	MW	916.73	1028	11.36	905.37	
MP-207	PZ	906.54	914	7.19	899.35	
MP-212A	PZ	913.30	1001	5.95	907.35	
MP-215A	PZ	909.11	904	15.23	893.88	
MP-220AR	PZ	910.10	1140	7.41	902.69	
MP-222B	PZ	910.09	1106	8.06	902.03	Lowered TOC (0.38') 10/14
MP-224B	PZ	913.83	1051	7.00	906.83	
MP-231AR	MW	915.73	1059	9.31	906.42	
MP-235AR	PZ	913.53	1019	8.28	905.25	
MP-235CR	MW	914.66	1022	12.02	902.64	
MP-239B	PZ	915.58	1059	8.59	906.99	
MP-244ARR	MW	909.82	1125	15.11	894.71	
MP-246	PZ	908.59	952	5.03	903.56	
MP-253A	PZ	900.34	915	11.06	889.28	
MP-255A	PZ	910.82	1116	5.77	905.05	
MP-268	PZ	910.12	1107	8.36	901.76	
MP-277B	PZ	915.56	1040	7.67	907.89	
MP-284B	PZ	913.31	1123	5.43	907.88	
MP-285B	PZ	915.27	1117	8.51	906.76	
MP-290B	PZ	898.71	919	9.17	889.54	Resurveyed 7/2004
MP-299B	MW	911.62	1001	13.58	898.04	
MP-301B	PZ	907.90	949	11.36	896.54	Resurveyed 2/2006
MP-303B	PZ	906.24	944	6.99	899.25	
MP-401A	MW	906.37	1120	11.57	894.80	
MP-402A	MW	908.42	1011	5.44	902.98	
MP-403A	MW	912.37	917	9.31	903.06	
MP-404A	MW	915.09	921	8.11	906.98	
MP-405A	MW	911.02	944	8.83	902.19	
P-505A	PZ	915.97	1055	11.72	904.25	
USPZ-1	PZ	908.00	946	8.03	899.97	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1B.
MEASURED WATER LEVELS IN THE 880 SAND ZONE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
880-PZ1	PZ	908.49	937	8.93	899.56	
880-PZ2	PZ	907.11	1141	6.55	900.56	
880-PZ3	PZ	915.45	1035	10.09	905.36	
880-PZ4	PZ	909.45	1127	7.14	902.31	Resurveyed 11/2007
880-PZ5	PZ	914.42	1028	10.40	904.02	
M-06	PZ	932.75	1059	9.99	922.76	
M-25	PZ	913.32	1134	11.57	901.75	Resurveyed 4/2011
MP-200R	PZ	913.79	1135	16.46	897.33	
MP-201	PZ	909.86	1119	8.13	901.73	
MP-202	PZ	911.89	1054	11.52	900.37	
MP-203R	PZ	927.77	1113	17.88	909.89	
MP-204A	PZ	917.16	1102	7.31	909.85	
MP-205BR	PZ	914.62	1044	9.32	905.30	
MP-206	PZ	915.99	1034	10.51	905.48	
MP-206CR	PZ	915.31	1031	9.86	905.45	
MP-208	PZ	907.57	931	10.79	896.78	
MP-210AR	MW	912.83	1021	7.16	905.67	
MP-211BR	MW	911.09	1009	8.46	902.63	
MP-212D	PZ	912.48	1004	5.38	907.10	
MP-213A	MW	912.98	948	19.49	893.49	
MP-214BR	MW	910.29	920	16.43	893.86	
MP-216BR	PZ	911.36	856	13.64	897.72	
MP-217A	PZ	914.14	948	17.71	896.43	
MP-217B	PZ	914.24	946	17.75	896.49	
MP-219A	PZ	912.34	1137	10.23	902.11	
MP-223AR	PZ	910.63	920	10.53	900.10	
MP-227AR	PZ	912.12	1054	16.11	896.01	
MP-228AR	MW	911.64	1046	15.80	895.84	
MP-228B	PZ	911.34	1047	15.49	895.85	
MP-229B	PZ	910.63	1041	14.77	895.86	
MP-230A	MW	908.75	1039	14.48	894.27	Resurveyed 7/2004
MP-232A	MW	909.75	1030	15.99	893.76	
MP-233AR	MW	907.44	1006	6.10	901.34	
MP-234AR	MW	910.90	1015	8.35	902.55	
MP-235BR	MW	914.50	1023	16.28	898.22	
MP-238AR	PZ	916.36	1032	10.12	906.24	
MP-241AR	PZ	916.39	1026	16.55	899.84	Resurveyed 11/2007
MP-247A	PZ	908.47	1116	15.32	893.15	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1B.
MEASURED WATER LEVELS IN THE 880 SAND ZONE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
MP-248B	MW	909.77	1005	9.79	899.98	
MP-249B	MW	903.68	909	4.14	899.54	
MP-250A	MW	910.24	1128	11.95	898.29	
MP-251A	MW	911.54	1016	6.50	905.04	
MP-252A	PZ	894.88	941	3.12	891.76	
MP-261A	PZ	912.36	1133	13.98	898.38	
MP-264	PZ	909.85	1139	6.55	903.30	
MP-266A	PZ	899.54	901	7.59	891.95	
MP-269A	PZ	912.62	1001	18.17	894.45	
MP-270A	PZ	911.54	934	18.14	893.40	Resurveyed 7/2004
MP-271A	PZ	914.14	1050	8.08	906.06	
MP-272A	PZ	913.37	1120	6.09	907.28	
MP-273ARR	PZ	932.26	1136	37.06	895.20	Surveyed 11/19/2009
MP-274A	MW	912.78	918	18.83	893.95	Resurveyed 7/2004
MP-275	MW	911.89	1011	15.76	896.13	
MP-276	MW	906.81	941	10.60	896.21	
MP-277A	MW	915.24	937	9.94	905.30	
MP-278A	PZ	919.23	1105	9.47	909.76	
MP-280A	MW	912.28	938	18.81	893.47	Resurveyed 7/2004
MP-281A	PZ	913.69	912	19.78	893.91	
MP-285A	PZ	916.14	1115	9.29	906.85	
MP-289A	PZ	913.33	1013	13.34	899.99	
MP-290A	PZ	899.09	926	7.39	891.70	Resurveyed 7/2004
MP-294A	PZ	905.35	856	4.99	900.36	
MP-296A	PZ	902.90	900	5.37	897.53	
MP-300A	PZ	907.33	935	10.74	896.59	
MP-304A	PZ	908.42	1129	7.44	900.98	
MP-305A	PZ	908.11	1145	2.60	905.51	
MP-306A	PZ	911.34	957	15.07	896.27	
MP-401B	MW	906.56	1118	8.80	897.76	
P-500B	PZ	914.82	1141	9.49	905.33	
P-501A	PZ	913.93	1111	8.03	905.90	
P-511A	PZ	913.52	1014	19.10	894.42	Resurveyed 7/2004
P-515A	PZ	913.01	1107	7.09	905.92	
P-517	PZ	912.34	1113	5.04	907.30	Resurveyed 4/2011
P-520	PZ	914.77	1126	8.79	905.98	
P-527	PZ	894.90	935	4.22	890.68	
P-528	PZ	900.31	933	8.09	892.22	
P-529	PZ	902.51	931	4.66	897.85	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1C.
MEASURED WATER LEVELS IN THE CHANNEL SAND ZONE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
12-3A	PZ	910.50	911	16.36	894.14	
13-12	PZ	913.13	928	18.94	894.19	
MP-215BR	PZ	909.99	906	15.88	894.11	
MP-231BR	PZ	917.95	1057	23.52	894.43	
MP-242AR	PZ	909.42	825	13.79	895.63	
MP-281C	MW	914.12	907	20.01	894.11	
MP-282C	PZ	911.37	910	17.27	894.10	
MP-283C	PZ	915.34	900	21.25	894.09	
MP-286C	MW	914.59	1137	19.97	894.62	
MP-406C	MW	917.40	858	22.90	894.50	
P-500A	PZ	915.99	1142	21.18	894.81	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1D.
MEASURED WATER LEVELS IN THE BEDROCK-TILL INTERFACE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
12-3	PZ	910.04	912	14.83	895.21	
12-4	PZ	911.99	914	16.35	895.64	
12-5	PZ	910.04	929	13.60	896.44	
12-6	PZ	914.67	923	20.50	894.17	
13-5	PZ	914.92	902	19.52	895.40	
14-1	PZ	917.02	903	22.84	894.18	Lowered TOC 0.12' (3/13)
14-3	PZ	908.12	955	13.48	894.64	
14-4	PZ	911.16	959	16.63	894.53	
14-5	PZ	910.09	1027	15.05	895.04	Lowered TOC 0.11' (3/13)
14-7	PZ	917.05	1200	24.32	892.73	
MP-209	PZ	923.14	1108	21.76	901.38	
MP-214R	PZ	910.86	918	15.26	895.60	
MP-217R	PZ	912.91	949	17.61	895.30	
MP-221R	PZ	910.54	1137	14.21	896.33	
MP-222R	PZ	911.89	1103	13.32	898.57	
MP-223R	PZ	910.05	918	14.42	895.63	
MP-226	PZ	913.85	1056	17.24	896.61	
MP-227R	MW	913.00	1053	16.92	896.08	
MP-228R	PZ	911.41	1049	14.57	896.84	
MP-230R	PZ	908.28	1036	14.01	894.27	Resurveyed 7/2004
MP-231R	PZ	916.06	1055	21.93	894.13	
MP-233R	MW	907.00	1008	11.67	895.33	
MP-234R	MW	911.88	1013	14.68	897.20	
MP-235R	MW	914.84	1020	18.44	896.40	
MP-237	MW	913.68	1020	16.93	896.75	
MP-238R	MW	915.31	1033	18.09	897.22	
MP-240R	PZ	923.97	1041	24.56	899.41	
MP-240R1	PZ	922.46	1039	23.57	898.89	
MP-241R	MW	913.57	1025	17.43	896.14	
MP-242	PZ	908.37	823	< 0.00	> 908.37	flowing
MP-243	PZ	883.37	909	< 0.00	> 883.37	flowing
MP-244R	MW	909.73	1123	12.82	896.91	
MP-248	PZ	909.81	1004	13.21	896.60	
MP-249	PZ	904.29	906	9.79	894.50	
MP-250	MW	910.07	1131	12.84	897.23	
MP-251	PZ	910.99	1014	9.60	901.39	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1D.
MEASURED WATER LEVELS IN THE BEDROCK-TILL INTERFACE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
MP-252	PZ	894.59	939	0.03	894.56	
MP-253	PZ	901.36	916	9.06	892.30	
MP-254	PZ	886.47	911	0.28	886.19	In bailer
MP-255	PZ	909.81	1115	13.56	896.25	
MP-256	PZ	909.57	1124	22.13	887.44	
MP-259	PZ	904.17	928	9.02	895.15	
MP-260	PZ	911.12	923	18.80	892.32	
MP-265	PZ	886.34	857	4.44	881.90	
MP-266	PZ	899.14	859	11.52	887.62	
MP-267	PZ	891.68	905	4.10	887.58	
MP-269	PZ	912.79	1002	20.08	892.71	
MP-270	MW	911.94	935	16.83	895.11	Resurveyed 7/2004
MP-271	PZ	914.70	1049	16.12	898.58	
MP-272	PZ	912.79	1121	8.72	904.07	
MP-273B	PZ	932.17	1134	38.04	894.13	
MP-274	MW	912.20	915	17.92	894.28	Resurveyed 7/2004
MP-279	MW	910.36	956	10.41	899.95	
MP-280	MW	912.49	942	14.84	897.65	
MP-281	MW	913.53	910	19.37	894.16	
MP-284	PZ	913.43	1124	7.56	905.87	
MP-285	PZ	915.37	1116	11.42	903.95	
MP-287	PZ	889.18	855	0.08	889.10	
MP-290	PZ	898.20	921	1.77	896.43	Resurveyed 7/2004
MP-294	PZ	906.14	855	12.47	893.67	
MP-296	PZ	902.87	901	8.93	893.94	
MP-304	PZ	908.36	1128	12.50	895.86	
MP-305	PZ	907.74	1144	13.74	894.00	
MP-404	MW	912.75	926	16.32	896.43	
MP-407	MW	910.31	1032	15.78	894.53	
MP-408	MW	916.41	854	23.23	893.18	
MP-409	MW	911.83	1010	10.18	901.65	
P-500	PZ	914.68	1140	11.92	902.76	
P-501	PZ	914.30	1110	10.94	903.36	
P-503	PZ	916.15	1129	12.97	903.18	
P-504	PZ	915.71	1131	17.38	898.33	
P-505	PZ	916.40	1054	17.58	898.82	
P-506	PZ	916.06	1058	12.97	903.09	
P-508	PZ	913.19	949	22.62	890.57	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1D.
MEASURED WATER LEVELS IN THE BEDROCK-TILL INTERFACE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
P-509	PZ	909.97	1035	16.70	893.27	
P-510	PZ	914.17	1040	19.67	894.50	
P-511	PZ	913.22	1013	15.77	897.45	Resurveyed 7/2004
P-513	PZ	912.76	938	15.36	897.40	
P-515	PZ	913.13	1108	9.84	903.29	

Note: PZ = piezometer; MW = monitoring well.

TABLE 2.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
UPPER SAND ZONE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-206AR 10/14/2014	MP-231AR 10/14/2014	MP-235CR 10/15/2014	MP-244ARR 10/14/2014	MP-401A 10/15/2014	MP-402A 10/15/2014	MP-403A 10/15/2014	MP-404A 10/15/2014	MP-405A 10/14/2014
Arsenic, Dissolved	mg/L	**0.0012**	**0.0021**	<0.001	**0.012**	**0.0023**	**0.017**	<0.001	<0.001	**0.0016**
Barium, Dissolved	mg/L	**0.01**	**0.0056**	**0.0098**	**0.056**	**0.04**	**0.011**	**0.016**	**0.048**	**0.015**
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	<0.005	<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 the PQL.

TABLE 3.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
880 SAND ZONE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-210AR	MP-211BR	MP-213A	MP-214BR	MP-228AR	Duplicate-DMP-#1		MP-230A	MP-232A	MP-233AR	MP-234AR	MP-235BR
		10/14/2014	10/13/2014	10/15/2014	10/15/2014	10/14/2014	10/14/2014	RPD	10/14/2014	10/14/2014	10/15/2014	10/15/2014	10/15/2014
Arsenic, Dissolved	mg/L	**0.002**	<0.001	<0.001	**0.0094**	**0.012**	**0.012**	0	**0.0043**	**0.0094**	**0.012**	**0.0047**	**0.0038**
Barium, Dissolved	mg/L	**0.056**	**0.046**	**0.026**	**0.008**	**0.028**	**0.028**	0	**0.031**	**0.029**	**0.021**	**0.0095**	**0.011**
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0	<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	0	<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	<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	<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	<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	<0.003	<0.003	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	ND	ND

ND - no detections at or above PQL.

TABLE 3.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
880 SAND ZONE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-250A	MP-251A	MP-274A	Duplicate-DMP-#3		MP-277A	MP-280A	MP-401B	Duplicate-DMP-#2	
		10/14/2014	10/14/2014	10/15/2014	10/15/2014	RPD	10/14/2014	10/14/2014	10/15/2014	10/15/2014	RPD
Arsenic, Dissolved	mg/L	**0.0068**	**0.0028**	**0.089**	**0.086**	3.4	**0.008**	**0.02**	**0.0061**	**0.0062**	1.6
Barium, Dissolved	mg/L	**0.029**	**0.12**	**0.025**	**0.024**	4.1	**0.027**	**0.024**	**0.042**	**0.042**	0
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	0	<0.001	<0.001	<0.001	<0.001	0
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	0	<0.005	<0.005	<0.005	<0.005	0
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	0	<0.005	<0.005	<0.005	<0.005	0
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	0	<0.0002	<0.0002	<0.0002	<0.0002	0
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	0	<0.015	<0.015	<0.015	<0.015	0
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	0	<0.003	<0.003	<0.003	<0.003	0
VOCs	ug/L	ND	ND	ND	ND	0	ND	ND	ND	ND	0

ND - no detections at or above PQL.

TABLE 4.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHANNEL SAND ZONE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-281C 10/15/2014	MP-286C 10/14/2014	MP-406C 10/13/2014
Arsenic, Dissolved	mg/L	**0.0047**	**0.0041**	**0.0041**
Barium, Dissolved	mg/L	**0.049**	**0.13**	**0.14**
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND

ND - no detections at or above PQL.

TABLE 5.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
BEDROCK-TILL INTERFACE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-227R	MP-233R	MP-234R	MP-235R	MP-237	MP-238R	MP-241R	MP-244R	MP-250
		10/14/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/14/2014	10/14/2014
Arsenic, Dissolved	mg/L	**0.0041**	**0.0062**	**0.01**	**0.0038**	**0.0017**	<0.001	**0.0024**	**0.0027**	**0.0017**
Barium, Dissolved	mg/L	**0.049**	**0.41**	**0.046**	**0.037**	**0.027**	**0.044**	**0.043**	**0.022**	**0.045**
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	<0.005	<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.

TABLE 5.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
BEDROCK-TILL INTERFACE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-274	MP-279	MP-280	MP-281	MP-404	MP-407	MP-408		MP-409
		10/15/2014	10/14/2014	10/14/2014	10/15/2014	10/14/2014	10/14/2014	10/14/2014	12/18/2014	10/13/2014
Arsenic, Dissolved	mg/L	**0.0033**	**0.026**	**0.027**	**0.0032**	**0.0047**	**0.0047**	**0.066**	--	**0.0029**
Barium, Dissolved	mg/L	**0.4**	**0.94**	**0.32**	**0.26**	**0.32**	**0.68**	**0.63**	--	**0.11**
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<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
Mercury, Dissolved	mg/L	<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
Silver, Dissolved	mg/L	<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.

TABLE 6.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
QA/QC SAMPLES
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Field Blank DMP 10/15/14	Method Blank 10/24/14*	Trip Blank 10/14/14
Arsenic, Dissolved	<0.001	<0.001	--
Barium, Dissolved	<0.002	<0.002	--
Cadmium, Dissolved	<0.001	<0.001	--
Chromium, Dissolved	<0.005	<0.005	--
Lead, Dissolved	<0.005	<0.005	--
Mercury, Dissolved	<0.0002	<0.0002	--
Selenium, Dissolved	<0.015	<0.015	--
Silver, Dissolved	<0.003	<0.003	--
VOCs	ND	ND	ND

ND - no detections at or above PQL.
* - Date of analysis.

APPENDIX A.

LABORATORY DATA REPORT, FIELD INFORMATION FORMS, CHAIN-OF-CUSTODY RECORDS, AND FIELD METER CALIBRATION RECORDS FOR THE OCTOBER 2014 SECOND SEMIANNUAL SAMPLING EVENT & DECEMBER 2014 RESAMPLING EVENT (CD-ROM)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-69451-1
Client Project/Site: Aber Rd. Landfill - DMP analysis

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

Attn: Mr. Dan Deborde

Authorized for release by:
12/10/2014 10:29:26 AM

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LINKS

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The test results in this report meet all 2003 NELAC and 2009 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
12/10/2014 10:29:26 AM

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
*	LCS or LCSD exceeds the 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
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
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)

Job ID: 480-69451-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-69451-1

Comments
No additional comments.

Receipt
The samples were received on 10/16/2014 8:15 AM and 10/17/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 11 coolers at receipt time were 1.4º C, 2.0º C, 2.2º C, 2.2º C, 2.3º C, 2.6º C, 2.7º C, 2.9º C, 3.0º C, 3.4º C and 3.7º C.

Except:

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Labels on sample 5 list MP28A and labels on sample 7 list MP405C. Both samples were logged using IDs from the COC.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 209781 recovered outside acceptance criteria, low biased, for Hexachlorobutadiene.A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 209781 recovered above the upper control limit for Pentachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-209781/3).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 210181 and 210258 recovered above the upper control limit for Pentachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-210181/3).

Method(s) 8260C: The following preserved volatile sample was diluted due to foaming at the time of purging during the original sample analysis: MP-408 (480-69451-17). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 211255 recovered above the upper control limit for Trans 1,3 Dichloropropene, Vinyl Acetate , Ethyl Methacrylate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-211255/3).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 211255 recovered above the upper control limit for Pentachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-211255/4).

Method(s) 8260C: Due to the coelution of 3-Chloro-1-propene with Acetonitrile, and/or N butyl Acetate with 2-Hexanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 211255.

Method(s) 8260C: The following unpreserved sample(s) was analyzed outside of analytical holding time due to laboratory oversight. MP-408 (480-69451-17).

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

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

Metals
Method(s) 6020A: The low level continuing calibration verification (CCVL 480-210505/89) recovered above the upper control limit for dissolved selenium. The sample(s) MP-244R (480-69451-22), MP-279 (480-69451-20) associated with this CCVL were either less than

Job ID: 480-69451-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

the reporting limit (RL) for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or 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
Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 208563.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 208570.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 210024.

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

Client Sample ID: MP-210AR

Lab Sample ID: 480-69451-1

Date Collected: 10/14/14 15:15

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 13:02	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 13:02	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 13:02	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 13:02	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 13:02	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 13:02	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 13:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 13:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 13:02	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 13:02	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 13:02	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 13:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 13:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 13:02	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 13:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 13:02	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 13:02	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 13:02	1
Acetone	ND		10	3.0	ug/L			10/27/14 13:02	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 13:02	1
Acrolein	ND		20	0.91	ug/L			10/27/14 13:02	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 13:02	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 13:02	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 13:02	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 13:02	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 13:02	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 13:02	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 13:02	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 13:02	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 13:02	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 13:02	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 13:02	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 13:02	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 13:02	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 13:02	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 13:02	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 13:02	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 13:02	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 13:02	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 13:02	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 13:02	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 13:02	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 13:02	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 13:02	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 13:02	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 13:02	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 13:02	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 13:02	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 13:02	1

Client Sample ID: MP-210AR

Lab Sample ID: 480-69451-1

Date Collected: 10/14/14 15:15

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 13:02	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 13:02	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 13:02	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 13:02	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 13:02	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 13:02	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 13:02	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 13:02	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 13:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 13:02	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*86 - 118*		*10/27/14 13:02*	*1*
4-Bromofluorobenzene (Surr)	*106*		*86 - 115*		*10/27/14 13:02*	*1*
Toluene-d8 (Surr)	*96*		*88 - 110*		*10/27/14 13:02*	*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	0.0074	ug/L		10/18/14 11:48	10/19/14 05:17	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 05:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*24 - 150*	*10/18/14 08:04*	*10/20/14 09:59*	*1*
DCB Decachlorobiphenyl	*91*		*24 - 150*	*10/18/14 08:04*	*10/20/14 09:59*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.056**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:22	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0020**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 09:57	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 09:57	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 09:57	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 09:57	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 09:57	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-210AR

Lab Sample ID: 480-69451-1

Date Collected: 10/14/14 15:15

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.87	J	1.0	0.43	mg/L			11/08/14 02:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.35				SU			10/14/14 15:15	1
Field Conductivity	1032				umhos/cm			10/14/14 15:15	1
Field Temperature	14.3				Degrees C			10/14/14 15:15	1
Field Turbidity	4.37				NTU			10/14/14 15:15	1
Oxidation Reduction Potential	-4.8				millivolts			10/14/14 15:15	1
Oxygen, Dissolved	0.63				mg/L			10/14/14 15:15	1

Client Sample ID: MP-406C

Lab Sample ID: 480-69451-2

Date Collected: 10/13/14 14:15

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 13:27	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 13:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 13:27	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 13:27	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 13:27	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 13:27	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 13:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 13:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 13:27	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 13:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 13:27	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 13:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 13:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 13:27	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 13:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 13:27	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 13:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 13:27	1
Acetone	ND		10	3.0	ug/L			10/27/14 13:27	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 13:27	1
Acrolein	ND		20	0.91	ug/L			10/27/14 13:27	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 13:27	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 13:27	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 13:27	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 13:27	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 13:27	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 13:27	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 13:27	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 13:27	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 13:27	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 13:27	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 13:27	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 13:27	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 13:27	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 13:27	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 13:27	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 13:27	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 13:27	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 13:27	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 13:27	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 13:27	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 13:27	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 13:27	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 13:27	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 13:27	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 13:27	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 13:27	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 13:27	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 13:27	1

Client Sample ID: MP-406C

Date Collected: 10/13/14 14:15
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-2

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			10/27/14 13:27	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 13:27	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 13:27	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 13:27	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 13:27	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 13:27	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 13:27	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 13:27	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 13:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 13:27	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*86 - 118*		*10/27/14 13:27*	*1*
4-Bromofluorobenzene (Surr)	*105*		*86 - 115*		*10/27/14 13:27*	*1*
Toluene-d8 (Surr)	*94*		*88 - 110*		*10/27/14 13:27*	*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		0.010	0.0075	ug/L		10/18/14 11:48	10/19/14 05:44	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 05:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1221	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1232	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1242	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1248	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1254	ND		0.47	0.24	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1260	ND		0.47	0.24	ug/L		10/18/14 08:04	10/20/14 10:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*24 - 150*	*10/18/14 08:04*	*10/20/14 10:15*	*1*
DCB Decachlorobiphenyl	*88*		*24 - 150*	*10/18/14 08:04*	*10/20/14 10:15*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.14**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:36	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0041**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:03	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:03	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:03	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:03	1
Selenium, Dissolved	**0.0015**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:03	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-406C

Date Collected: 10/13/14 14:15
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-2

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:26	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			11/10/14 18:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.21				SU			10/13/14 14:15	1
Field Conductivity	990				umhos/cm			10/13/14 14:15	1
Field Temperature	15.1				Degrees C			10/13/14 14:15	1
Field Turbidity	2.77				NTU			10/13/14 14:15	1
Oxidation Reduction Potential	-44.1				millivolts			10/13/14 14:15	1
Oxygen, Dissolved	0.17				mg/L			10/13/14 14:15	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-409

Date Collected: 10/13/14 15:35
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-3

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			10/27/14 13:52	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 13:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 13:52	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 13:52	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 13:52	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 13:52	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 13:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 13:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 13:52	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 13:52	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 13:52	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 13:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 13:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 13:52	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 13:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 13:52	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 13:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 13:52	1
Acetone	ND		10	3.0	ug/L			10/27/14 13:52	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 13:52	1
Acrolein	ND		20	0.91	ug/L			10/27/14 13:52	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 13:52	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 13:52	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 13:52	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 13:52	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 13:52	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 13:52	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 13:52	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 13:52	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 13:52	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 13:52	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 13:52	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 13:52	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 13:52	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 13:52	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 13:52	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 13:52	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 13:52	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 13:52	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 13:52	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 13:52	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 13:52	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 13:52	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 13:52	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 13:52	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 13:52	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 13:52	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 13:52	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 13:52	1

Client Sample ID: MP-409

Lab Sample ID: 480-69451-3

Date Collected: 10/13/14 15:35

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 13:52	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 13:52	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 13:52	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 13:52	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 13:52	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 13:52	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 13:52	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 13:52	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 13:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 13:52	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*86 - 118*		*10/27/14 13:52*	*1*
4-Bromofluorobenzene (Surr)	*105*		*86 - 115*		*10/27/14 13:52*	*1*
Toluene-d8 (Surr)	*94*		*88 - 110*		*10/27/14 13:52*	*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		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 06:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 06:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*24 - 150*	*10/18/14 08:04*	*10/20/14 10:31*	*1*
DCB Decachlorobiphenyl	*83*		*24 - 150*	*10/18/14 08:04*	*10/20/14 10:31*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.11**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:39	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0029**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:08	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:08	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:08	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:08	1
Selenium, Dissolved	**0.0017**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:08	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-409

Date Collected: 10/13/14 15:35
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-3

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.2		1.0	0.43	mg/L			11/08/14 07:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.37				SU			10/13/14 15:35	1
Field Conductivity	911				umhos/cm			10/13/14 15:35	1
Field Temperature	16.6				Degrees C			10/13/14 15:35	1
Field Turbidity	4.98				NTU			10/13/14 15:35	1
Oxidation Reduction Potential	-85.8				millivolts			10/13/14 15:35	1
Oxygen, Dissolved	0.11				mg/L			10/13/14 15:35	1

Client Sample ID: MP-280

Lab Sample ID: 480-69451-4

Date Collected: 10/14/14 11:35

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 14:16	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 14:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 14:16	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 14:16	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 14:16	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 14:16	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 14:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 14:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 14:16	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 14:16	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 14:16	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 14:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 14:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 14:16	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 14:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 14:16	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 14:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 14:16	1
Acetone	ND		10	3.0	ug/L			10/27/14 14:16	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 14:16	1
Acrolein	ND		20	0.91	ug/L			10/27/14 14:16	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 14:16	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 14:16	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 14:16	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 14:16	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 14:16	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 14:16	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 14:16	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 14:16	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 14:16	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 14:16	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 14:16	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 14:16	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 14:16	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 14:16	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 14:16	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 14:16	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 14:16	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 14:16	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 14:16	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 14:16	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 14:16	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 14:16	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 14:16	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 14:16	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 14:16	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 14:16	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 14:16	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 14:16	1

Client Sample ID: MP-280

Lab Sample ID: 480-69451-4

Date Collected: 10/14/14 11:35

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 14:16	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 14:16	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 14:16	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 14:16	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 14:16	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 14:16	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 14:16	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 14:16	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 14:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 14:16	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*86 - 118*		*10/27/14 14:16*	*1*
4-Bromofluorobenzene (Surr)	*105*		*86 - 115*		*10/27/14 14:16*	*1*
Toluene-d8 (Surr)	*94*		*88 - 110*		*10/27/14 14:16*	*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		10/18/14 11:48	10/19/14 06:38	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 06:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1221	ND		0.47	0.16	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1232	ND		0.47	0.16	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1242	ND		0.47	0.16	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1248	ND		0.47	0.16	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1254	ND		0.47	0.23	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1260	ND		0.47	0.23	ug/L		10/18/14 08:04	10/20/14 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*24 - 150*	*10/18/14 08:04*	*10/20/14 10:47*	*1*
DCB Decachlorobiphenyl	*81*		*24 - 150*	*10/18/14 08:04*	*10/20/14 10:47*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.32**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:42	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.027**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:14	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:14	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:14	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:14	1
Selenium, Dissolved	**0.0052**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:14	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-280

Lab Sample ID: 480-69451-4

Date Collected: 10/14/14 11:35

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	13.4		1.0	0.43	mg/L			11/08/14 01:13	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.57				SU			10/14/14 11:35	1
Field Conductivity	1569				umhos/cm			10/14/14 11:35	1
Field Temperature	15.0				Degrees C			10/14/14 11:35	1
Field Turbidity	7.10				NTU			10/14/14 11:35	1
Oxidation Reduction Potential	-172.6				millivolts			10/14/14 11:35	1
Oxygen, Dissolved	0.05				mg/L			10/14/14 11:35	1

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-280A
Date Collected: 10/14/14 12:10
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-5
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			10/27/14 14:41	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 14:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 14:41	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 14:41	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 14:41	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 14:41	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 14:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 14:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 14:41	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 14:41	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 14:41	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 14:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 14:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 14:41	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 14:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 14:41	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 14:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 14:41	1
Acetone	ND		10	3.0	ug/L			10/27/14 14:41	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 14:41	1
Acrolein	ND		20	0.91	ug/L			10/27/14 14:41	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 14:41	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 14:41	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 14:41	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 14:41	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 14:41	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 14:41	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 14:41	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 14:41	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 14:41	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 14:41	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 14:41	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 14:41	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 14:41	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 14:41	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 14:41	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 14:41	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 14:41	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 14:41	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 14:41	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 14:41	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 14:41	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 14:41	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 14:41	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 14:41	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 14:41	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 14:41	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 14:41	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 14:41	1

Client Sample ID: MP-280A

Date Collected: 10/14/14 12:10
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-5

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			10/27/14 14:41	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 14:41	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 14:41	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 14:41	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 14:41	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 14:41	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 14:41	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 14:41	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 14:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 14:41	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*86 - 118*		*10/27/14 14:41*	*1*
4-Bromofluorobenzene (Surr)	*103*		*86 - 115*		*10/27/14 14:41*	*1*
Toluene-d8 (Surr)	*92*		*88 - 110*		*10/27/14 14:41*	*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	0.0074	ug/L		10/18/14 11:48	10/19/14 07:32	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 07:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 11:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*24 - 150*	*10/18/14 08:04*	*10/20/14 11:03*	*1*
DCB Decachlorobiphenyl	*82*		*24 - 150*	*10/18/14 08:04*	*10/20/14 11:03*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.024**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:53	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.020**		0.0010	0.000078	mg/L		10/21/14 11:06	10/24/14 23:15	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 11:06	10/24/14 23:15	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 11:06	10/24/14 23:15	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 11:06	10/24/14 23:15	1
Selenium, Dissolved	**0.00049**	**J**	0.015	0.00044	mg/L		10/21/14 11:06	10/24/14 23:15	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-280A

Lab Sample ID: 480-69451-5

Date Collected: 10/14/14 12:10

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:31	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			11/08/14 16:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.88**				SU			10/14/14 12:10	1
Field Conductivity	**1764**				umhos/cm			10/14/14 12:10	1
Field Temperature	**14.0**				Degrees C			10/14/14 12:10	1
Field Turbidity	**3.74**				NTU			10/14/14 12:10	1
Oxidation Reduction Potential	**-46.4**				millivolts			10/14/14 12:10	1
Oxygen, Dissolved	**0.01**				mg/L			10/14/14 12:10	1

Client Sample ID: MP-407

Lab Sample ID: 480-69451-6

Date Collected: 10/14/14 08:50

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:06	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:06	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:06	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:06	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:06	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:06	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:06	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:06	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:06	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:06	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:06	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:06	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:06	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:06	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:06	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:06	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:06	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:06	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:06	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:06	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:06	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:06	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:06	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:06	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:06	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:06	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:06	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:06	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:06	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:06	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:06	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:06	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:06	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:06	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:06	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:06	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:06	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:06	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:06	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:06	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:06	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:06	1

Client Sample ID: MP-407

Lab Sample ID: 480-69451-6

Date Collected: 10/14/14 08:50

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:06	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:06	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:06	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:06	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:06	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:06	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:06	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:06	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:06	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*86 - 118*		*10/27/14 15:06*	*1*
4-Bromofluorobenzene (Surr)	*107*		*86 - 115*		*10/27/14 15:06*	*1*
Toluene-d8 (Surr)	*96*		*88 - 110*		*10/27/14 15:06*	*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	0.0074	ug/L		10/18/14 11:48	10/19/14 07:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 07:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1221	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1232	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1242	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1248	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1254	ND		0.47	0.24	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1260	ND		0.47	0.24	ug/L		10/18/14 08:04	10/20/14 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*24 - 150*	*10/18/14 08:04*	*10/20/14 11:19*	*1*
DCB Decachlorobiphenyl	*86*		*24 - 150*	*10/18/14 08:04*	*10/20/14 11:19*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.68**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:56	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0047**		0.0010	0.000078	mg/L		10/29/14 11:35	11/01/14 06:33	1
Cadmium, Dissolved	**0.000075**	**J**	0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:19	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:19	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:19	1
Selenium, Dissolved	**0.0012**	**J**	0.015	0.00044	mg/L		10/29/14 11:35	11/01/14 06:33	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-407

Date Collected: 10/14/14 08:50
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-6

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.8		1.0	0.43	mg/L			11/05/14 15:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.49				SU			10/14/14 08:50	1
Field Conductivity	2148				umhos/cm			10/14/14 08:50	1
Field Temperature	15.7				Degrees C			10/14/14 08:50	1
Field Turbidity	1.67				NTU			10/14/14 08:50	1
Oxidation Reduction Potential	-137.2				millivolts			10/14/14 08:50	1
Oxygen, Dissolved	0.03				mg/L			10/14/14 08:50	1

Client Sample ID: MP-405A

Lab Sample ID: 480-69451-7

Date Collected: 10/14/14 10:40

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:30	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:30	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:30	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:30	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:30	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:30	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:30	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:30	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:30	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:30	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:30	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:30	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:30	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:30	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:30	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:30	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:30	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:30	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:30	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:30	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:30	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:30	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:30	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:30	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:30	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:30	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:30	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:30	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:30	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:30	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:30	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:30	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:30	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:30	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:30	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:30	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:30	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:30	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:30	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:30	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:30	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:30	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:30	1

Client Sample ID: MP-405A

Lab Sample ID: 480-69451-7

Date Collected: 10/14/14 10:40

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:30	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:30	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:30	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:30	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:30	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:30	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:30	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:30	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:30	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*86 - 118*		*10/27/14 15:30*	*1*
4-Bromofluorobenzene (Surr)	*106*		*86 - 115*		*10/27/14 15:30*	*1*
Toluene-d8 (Surr)	*95*		*88 - 110*		*10/27/14 15:30*	*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		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 08:26	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 08:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*24 - 150*	*10/18/14 08:04*	*10/20/14 11:34*	*1*
DCB Decachlorobiphenyl	*86*		*24 - 150*	*10/18/14 08:04*	*10/20/14 11:34*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.015**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:59	1
Chromium, Dissolved	**0.0018**	**J**	0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0016**		0.0010	0.000078	mg/L		10/21/14 11:06	10/24/14 23:21	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 11:06	10/24/14 23:21	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 11:06	10/24/14 23:21	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 11:06	10/24/14 23:21	1
Selenium, Dissolved	**0.0015**	**J**	0.015	0.00044	mg/L		10/21/14 11:06	10/24/14 23:21	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-405A

Lab Sample ID: 480-69451-7

Date Collected: 10/14/14 10:40

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.2		1.0	0.43	mg/L			11/05/14 16:03	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.84				SU			10/14/14 10:40	1
Field Conductivity	3057				umhos/cm			10/14/14 10:40	1
Field Temperature	16.8				Degrees C			10/14/14 10:40	1
Field Turbidity	3.61				NTU			10/14/14 10:40	1
Oxidation Reduction Potential	28.3				millivolts			10/14/14 10:40	1
Oxygen, Dissolved	0.32				mg/L			10/14/14 10:40	1

Client Sample ID: MP-231AR

Lab Sample ID: 480-69451-8

Date Collected: 10/14/14 14:10

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:55	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:55	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:55	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:55	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:55	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:55	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:55	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:55	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:55	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:55	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:55	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:55	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:55	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:55	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:55	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:55	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:55	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:55	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:55	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:55	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:55	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:55	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:55	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:55	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:55	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:55	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:55	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:55	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:55	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:55	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:55	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:55	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:55	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:55	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:55	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:55	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:55	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:55	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:55	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:55	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:55	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:55	1

Client Sample ID: MP-231AR

Lab Sample ID: 480-69451-8

Date Collected: 10/14/14 14:10

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:55	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:55	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:55	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:55	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:55	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:55	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:55	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:55	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:55	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*86 - 118*		*10/27/14 15:55*	*1*
4-Bromofluorobenzene (Surr)	*107*		*86 - 115*		*10/27/14 15:55*	*1*
Toluene-d8 (Surr)	*94*		*88 - 110*		*10/27/14 15:55*	*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	0.0074	ug/L		10/18/14 11:48	10/19/14 08:53	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 08:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1221	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1232	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1242	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1248	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1254	ND		0.47	0.23	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1260	ND		0.47	0.23	ug/L		10/18/14 08:04	10/20/14 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*24 - 150*	*10/18/14 08:04*	*10/20/14 12:22*	*1*
DCB Decachlorobiphenyl	*92*		*24 - 150*	*10/18/14 08:04*	*10/20/14 12:22*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.0056**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:02	1
Chromium, Dissolved	**0.0013**	**J**	0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0021**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:25	1
Cadmium, Dissolved	**0.000075**	**J**	0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:25	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:25	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:25	1
Selenium, Dissolved	**0.0014**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:25	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-231AR

Lab Sample ID: 480-69451-8

Date Collected: 10/14/14 14:10

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:37	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			11/05/14 16:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.42				SU			10/14/14 14:10	1
Field Conductivity	3558				umhos/cm			10/14/14 14:10	1
Field Temperature	15.6				Degrees C			10/14/14 14:10	1
Field Turbidity	7.14				NTU			10/14/14 14:10	1
Oxidation Reduction Potential	-105.0				millivolts			10/14/14 14:10	1
Oxygen, Dissolved	0.07				mg/L			10/14/14 14:10	1

Client Sample ID: MP-251A

Lab Sample ID: 480-69451-9

Date Collected: 10/14/14 14:55

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 16:20	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 16:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 16:20	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 16:20	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 16:20	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 16:20	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 16:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 16:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 16:20	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 16:20	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 16:20	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 16:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 16:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 16:20	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 16:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 16:20	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 16:20	1
Acetone	ND		10	3.0	ug/L			10/27/14 16:20	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 16:20	1
Acrolein	ND		20	0.91	ug/L			10/27/14 16:20	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 16:20	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 16:20	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 16:20	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 16:20	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 16:20	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 16:20	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 16:20	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 16:20	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 16:20	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 16:20	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 16:20	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 16:20	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 16:20	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 16:20	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 16:20	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 16:20	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 16:20	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 16:20	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 16:20	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 16:20	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 16:20	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 16:20	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 16:20	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 16:20	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 16:20	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 16:20	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 16:20	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 16:20	1

Client Sample ID: MP-251A

Lab Sample ID: 480-69451-9

Date Collected: 10/14/14 14:55

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 16:20	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 16:20	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 16:20	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 16:20	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 16:20	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 16:20	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 16:20	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 16:20	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 16:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 16:20	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*86 - 118*		*10/27/14 16:20*	*1*
4-Bromofluorobenzene (Surr)	*107*		*86 - 115*		*10/27/14 16:20*	*1*
Toluene-d8 (Surr)	*95*		*88 - 110*		*10/27/14 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		10/18/14 11:48	10/19/14 09:20	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 09:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*24 - 150*	*10/18/14 08:04*	*10/20/14 12:38*	*1*
DCB Decachlorobiphenyl	*92*		*24 - 150*	*10/18/14 08:04*	*10/20/14 12:38*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.12**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:05	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0028**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:30	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:30	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:30	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:30	1
Selenium, Dissolved	**0.00070**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:30	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-251A

Lab Sample ID: 480-69451-9

Date Collected: 10/14/14 14:55

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.7		1.0	0.43	mg/L			11/05/14 17:24	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.80				SU			10/14/14 14:55	1
Field Conductivity	954				umhos/cm			10/14/14 14:55	1
Field Temperature	14.4				Degrees C			10/14/14 14:55	1
Field Turbidity	3.90				NTU			10/14/14 14:55	1
Oxidation Reduction Potential	-163.1				millivolts			10/14/14 14:55	1
Oxygen, Dissolved	0.06				mg/L			10/14/14 14:55	1

Client Sample ID: MP-404

Lab Sample ID: 480-69451-10

Date Collected: 10/14/14 15:40

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 16:45	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 16:45	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 16:45	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 16:45	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 16:45	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 16:45	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 16:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 16:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 16:45	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 16:45	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 16:45	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 16:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 16:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 16:45	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 16:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 16:45	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 16:45	1
Acetone	ND		10	3.0	ug/L			10/27/14 16:45	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 16:45	1
Acrolein	ND		20	0.91	ug/L			10/27/14 16:45	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 16:45	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 16:45	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 16:45	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 16:45	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 16:45	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 16:45	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 16:45	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 16:45	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 16:45	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 16:45	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 16:45	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 16:45	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 16:45	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 16:45	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 16:45	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 16:45	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 16:45	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 16:45	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 16:45	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 16:45	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 16:45	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 16:45	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 16:45	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 16:45	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 16:45	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 16:45	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 16:45	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 16:45	1

Client Sample ID: MP-404

Date Collected: 10/14/14 15:40
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-10

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			10/27/14 16:45	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 16:45	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 16:45	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 16:45	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 16:45	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 16:45	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 16:45	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 16:45	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 16:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 16:45	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*86 - 118*		*10/27/14 16:45*	*1*
4-Bromofluorobenzene (Surr)	*106*		*86 - 115*		*10/27/14 16:45*	*1*
Toluene-d8 (Surr)	*95*		*88 - 110*		*10/27/14 16:45*	*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	0.0074	ug/L		10/18/14 11:48	10/19/14 09:47	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*24 - 150*	*10/18/14 08:04*	*10/20/14 12:54*	*1*
DCB Decachlorobiphenyl	*87*		*24 - 150*	*10/18/14 08:04*	*10/20/14 12:54*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.32**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:08	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0047**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:54	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:54	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:54	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:54	1
Selenium, Dissolved	**0.0079**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:54	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-404

Lab Sample ID: 480-69451-10

Date Collected: 10/14/14 15:40

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**6.1**		1.0	0.43	mg/L			11/05/14 17:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.28**				SU			10/14/14 15:40	1
Field Conductivity	**1752**				umhos/cm			10/14/14 15:40	1
Field Temperature	**13.9**				Degrees C			10/14/14 15:40	1
Field Turbidity	**4.09**				NTU			10/14/14 15:40	1
Oxidation Reduction Potential	**-110.9**				millivolts			10/14/14 15:40	1
Oxygen, Dissolved	**0.10**				mg/L			10/14/14 15:40	1

Client Sample ID: MP-227R

Lab Sample ID: 480-69451-11

Date Collected: 10/14/14 11:42

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 12:58	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 12:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 12:58	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 12:58	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 12:58	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 12:58	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 12:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 12:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 12:58	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 12:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 12:58	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 12:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 12:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 12:58	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 12:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 12:58	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 12:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 12:58	1
Acetone	ND		10	3.0	ug/L			10/27/14 12:58	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 12:58	1
Acrolein	ND		20	0.91	ug/L			10/27/14 12:58	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 12:58	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 12:58	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 12:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 12:58	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 12:58	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 12:58	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 12:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 12:58	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 12:58	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 12:58	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 12:58	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 12:58	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 12:58	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 12:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 12:58	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 12:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 12:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 12:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 12:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 12:58	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 12:58	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 12:58	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 12:58	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 12:58	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 12:58	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 12:58	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 12:58	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 12:58	1

Client Sample ID: MP-227R

Lab Sample ID: 480-69451-11

Date Collected: 10/14/14 11:42

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 12:58	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 12:58	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 12:58	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 12:58	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 12:58	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 12:58	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 12:58	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 12:58	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 12:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 12:58	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*86 - 118*		*10/27/14 12:58*	*1*
4-Bromofluorobenzene (Surr)	*94*		*86 - 115*		*10/27/14 12:58*	*1*
Toluene-d8 (Surr)	*97*		*88 - 110*		*10/27/14 12:58*	*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		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 10:41	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 10:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*24 - 150*	*10/18/14 08:04*	*10/20/14 13:10*	*1*
DCB Decachlorobiphenyl	*93*		*24 - 150*	*10/18/14 08:04*	*10/20/14 13:10*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.049**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:11	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0041**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 11:00	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 11:00	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 11:00	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 11:00	1
Selenium, Dissolved	**0.0045**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 11:00	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-227R

Lab Sample ID: 480-69451-11

Date Collected: 10/14/14 11:42
Matrix: Water
Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:49	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			11/05/14 18:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.55				SU			10/14/14 11:42	1
Field Conductivity	1653				umhos/cm			10/14/14 11:42	1
Field Temperature	15.8				Degrees C			10/14/14 11:42	1
Field Turbidity	50.6				NTU			10/14/14 11:42	1
Oxidation Reduction Potential	-29.3				millivolts			10/14/14 11:42	1
Oxygen, Dissolved	0.34				mg/L			10/14/14 11:42	1

Client Sample ID: MP-228AR

Lab Sample ID: 480-69451-12

Date Collected: 10/14/14 13:35

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 13:20	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 13:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 13:20	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 13:20	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 13:20	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 13:20	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 13:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 13:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 13:20	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 13:20	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 13:20	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 13:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 13:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 13:20	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 13:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 13:20	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 13:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 13:20	1
Acetone	ND		10	3.0	ug/L			10/27/14 13:20	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 13:20	1
Acrolein	ND		20	0.91	ug/L			10/27/14 13:20	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 13:20	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 13:20	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 13:20	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 13:20	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 13:20	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 13:20	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 13:20	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 13:20	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 13:20	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 13:20	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 13:20	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 13:20	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 13:20	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 13:20	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 13:20	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 13:20	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 13:20	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 13:20	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 13:20	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 13:20	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 13:20	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 13:20	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 13:20	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 13:20	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 13:20	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 13:20	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 13:20	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 13:20	1

Client Sample ID: MP-228AR

Lab Sample ID: 480-69451-12

Date Collected: 10/14/14 13:35

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 13:20	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 13:20	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 13:20	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 13:20	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 13:20	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 13:20	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 13:20	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 13:20	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 13:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 13:20	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/27/14 13:20*	*1*
4-Bromofluorobenzene (Surr)	*94*		*86 - 115*		*10/27/14 13:20*	*1*
Toluene-d8 (Surr)	*97*		*88 - 110*		*10/27/14 13:20*	*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	0.0074	ug/L		10/18/14 11:48	10/19/14 11:08	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*24 - 150*	*10/18/14 08:04*	*10/20/14 13:26*	*1*
DCB Decachlorobiphenyl	*84*		*24 - 150*	*10/18/14 08:04*	*10/20/14 13:26*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.028**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:14	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.012**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 11:05	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 11:05	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 11:05	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 11:05	1
Selenium, Dissolved	**0.0013**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 11:05	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-228AR

Lab Sample ID: 480-69451-12

Date Collected: 10/14/14 13:35
Matrix: Water
Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.7		1.0	0.43	mg/L			11/05/14 19:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.09				SU			10/14/14 13:35	1
Field Conductivity	1730				umhos/cm			10/14/14 13:35	1
Field Temperature	14.5				Degrees C			10/14/14 13:35	1
Field Turbidity	3.23				NTU			10/14/14 13:35	1
Oxidation Reduction Potential	11.4				millivolts			10/14/14 13:35	1
Oxygen, Dissolved	0.18				mg/L			10/14/14 13:35	1

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: DUPLICATE-DMP #1

Lab Sample ID: 480-69451-13

Date Collected: 10/14/14 13:35
Matrix: Water
Date Received: 10/16/14 08:15

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			10/27/14 13:42	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 13:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 13:42	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 13:42	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 13:42	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 13:42	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 13:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 13:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 13:42	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 13:42	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 13:42	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 13:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 13:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 13:42	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 13:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 13:42	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 13:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 13:42	1
Acetone	ND		10	3.0	ug/L			10/27/14 13:42	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 13:42	1
Acrolein	ND		20	0.91	ug/L			10/27/14 13:42	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 13:42	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 13:42	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 13:42	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 13:42	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 13:42	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 13:42	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 13:42	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 13:42	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 13:42	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 13:42	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 13:42	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 13:42	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 13:42	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 13:42	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 13:42	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 13:42	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 13:42	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 13:42	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 13:42	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 13:42	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 13:42	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 13:42	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 13:42	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 13:42	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 13:42	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 13:42	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 13:42	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 13:42	1

Client Sample ID: DUPLICATE-DMP #1

Lab Sample ID: 480-69451-13

Date Collected: 10/14/14 13:35

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 13:42	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 13:42	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 13:42	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 13:42	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 13:42	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 13:42	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 13:42	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 13:42	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 13:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 13:42	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/27/14 13:42*	*1*
4-Bromofluorobenzene (Surr)	*95*		*86 - 115*		*10/27/14 13:42*	*1*
Toluene-d8 (Surr)	*100*		*88 - 110*		*10/27/14 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		10/18/14 11:48	10/19/14 11:52	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 11:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*24 - 150*	*10/18/14 08:04*	*10/20/14 13:42*	*1*
DCB Decachlorobiphenyl	*84*		*24 - 150*	*10/18/14 08:04*	*10/20/14 13:42*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.028**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:17	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.012**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 11:11	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 11:11	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 11:11	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 11:11	1
Selenium, Dissolved	**0.0014**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 11:11	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: DUPLICATE-DMP #1

Lab Sample ID: 480-69451-13

Date Collected: 10/14/14 13:35
Matrix: Water
Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.7		1.0	0.43	mg/L			11/05/14 20:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.09				SU			10/14/14 13:35	1
Field Conductivity	1730				umhos/cm			10/14/14 13:35	1
Field Temperature	14.5				Degrees C			10/14/14 13:35	1
Field Turbidity	2.90				NTU			10/14/14 13:35	1
Oxidation Reduction Potential	11.1				millivolts			10/14/14 13:35	1
Oxygen, Dissolved	0.18				mg/L			10/14/14 13:35	1

Client Sample ID: MP-230A

Lab Sample ID: 480-69451-14

Date Collected: 10/14/14 15:16

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 14:05	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 14:05	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 14:05	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 14:05	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 14:05	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 14:05	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 14:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 14:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 14:05	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 14:05	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 14:05	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 14:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 14:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 14:05	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 14:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 14:05	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 14:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 14:05	1
Acetone	ND		10	3.0	ug/L			10/27/14 14:05	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 14:05	1
Acrolein	ND		20	0.91	ug/L			10/27/14 14:05	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 14:05	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 14:05	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 14:05	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 14:05	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 14:05	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 14:05	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 14:05	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 14:05	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 14:05	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 14:05	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 14:05	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 14:05	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 14:05	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 14:05	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 14:05	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 14:05	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 14:05	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 14:05	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 14:05	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 14:05	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 14:05	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 14:05	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 14:05	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 14:05	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 14:05	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 14:05	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 14:05	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 14:05	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-230A

Date Collected: 10/14/14 15:16
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-14

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			10/27/14 14:05	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 14:05	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 14:05	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 14:05	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 14:05	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 14:05	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 14:05	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 14:05	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 14:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 14:05	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*86 - 118*		*10/27/14 14:05*	*1*
4-Bromofluorobenzene (Surr)	*94*		*86 - 115*		*10/27/14 14:05*	*1*
Toluene-d8 (Surr)	*97*		*88 - 110*		*10/27/14 14:05*	*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		10/18/14 11:48	10/19/14 12:19	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*24 - 150*	*10/18/14 08:04*	*10/20/14 13:57*	*1*
DCB Decachlorobiphenyl	*85*		*24 - 150*	*10/18/14 08:04*	*10/20/14 13:57*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.031**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:28	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0043**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 11:16	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 11:16	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 11:16	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 11:16	1
Selenium, Dissolved	**0.00073**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 11:16	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-230A

Date Collected: 10/14/14 15:16
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-14

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:59	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			11/05/14 21:02	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.15				SU			10/14/14 15:16	1
Field Conductivity	1471				umhos/cm			10/14/14 15:16	1
Field Temperature	15.1				Degrees C			10/14/14 15:16	1
Field Turbidity	2.59				NTU			10/14/14 15:16	1
Oxidation Reduction Potential	-60.1				millivolts			10/14/14 15:16	1
Oxygen, Dissolved	0.09				mg/L			10/14/14 15:16	1

Client Sample ID: MP-232A

Lab Sample ID: 480-69451-15

Date Collected: 10/14/14 16:02

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 14:27	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 14:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 14:27	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 14:27	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 14:27	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 14:27	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 14:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 14:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 14:27	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 14:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 14:27	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 14:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 14:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 14:27	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 14:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 14:27	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 14:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 14:27	1
Acetone	ND		10	3.0	ug/L			10/27/14 14:27	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 14:27	1
Acrolein	ND		20	0.91	ug/L			10/27/14 14:27	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 14:27	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 14:27	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 14:27	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 14:27	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 14:27	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 14:27	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 14:27	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 14:27	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 14:27	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 14:27	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 14:27	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 14:27	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 14:27	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 14:27	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 14:27	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 14:27	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 14:27	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 14:27	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 14:27	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 14:27	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 14:27	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 14:27	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 14:27	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 14:27	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 14:27	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 14:27	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 14:27	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 14:27	1

Client Sample ID: MP-232A

Date Collected: 10/14/14 16:02
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-15

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			10/27/14 14:27	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 14:27	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 14:27	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 14:27	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 14:27	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 14:27	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 14:27	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 14:27	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 14:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 14:27	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*86 - 118*		*10/27/14 14:27*	*1*
4-Bromofluorobenzene (Surr)	*94*		*86 - 115*		*10/27/14 14:27*	*1*
Toluene-d8 (Surr)	*98*		*88 - 110*		*10/27/14 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		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 12:46	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 12:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*24 - 150*	*10/18/14 08:04*	*10/20/14 14:13*	*1*
DCB Decachlorobiphenyl	*88*		*24 - 150*	*10/18/14 08:04*	*10/20/14 14:13*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.029**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:31	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0094**		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 11:22	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 11:22	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 11:22	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 11:22	1
Selenium, Dissolved	**0.0027**	**J**	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 11:22	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-232A

Lab Sample ID: 480-69451-15

Date Collected: 10/14/14 16:02
Matrix: Water
Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.2		1.0	0.43	mg/L			11/08/14 16:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.04				SU			10/14/14 16:02	1
Field Conductivity	1845				umhos/cm			10/14/14 16:02	1
Field Temperature	14.5				Degrees C			10/14/14 16:02	1
Field Turbidity	3.26				NTU			10/14/14 16:02	1
Oxidation Reduction Potential	-29.8				millivolts			10/14/14 16:02	1
Oxygen, Dissolved	0.05				mg/L			10/14/14 16:02	1

Client Sample ID: MP-211BR

Lab Sample ID: 480-69451-16

Date Collected: 10/13/14 15:00

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 17:09	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:09	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:09	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:09	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:09	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:09	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 17:09	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:09	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:09	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:09	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:09	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:09	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:09	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:09	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:09	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:09	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:09	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:09	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:09	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:09	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:09	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:09	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:09	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:09	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:09	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:09	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:09	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:09	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:09	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:09	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:09	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:09	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:09	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:09	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:09	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:09	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:09	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:09	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:09	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:09	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:09	1

Client Sample ID: MP-211BR

Lab Sample ID: 480-69451-16

Date Collected: 10/13/14 15:00

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 17:09	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:09	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:09	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:09	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:09	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:09	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:09	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:09	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*86 - 118*		*10/27/14 17:09*	*1*
4-Bromofluorobenzene (Surr)	*107*		*86 - 115*		*10/27/14 17:09*	*1*
Toluene-d8 (Surr)	*96*		*88 - 110*		*10/27/14 17:09*	*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	0.0074	ug/L		10/18/14 11:48	10/19/14 13:14	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 13:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 09:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*24 - 150*	*10/18/14 08:16*	*10/20/14 09:53*	*1*
DCB Decachlorobiphenyl	*88*		*24 - 150*	*10/18/14 08:16*	*10/20/14 09:53*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.046**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:34	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00051**	**J**	0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 01:46	1
Cadmium, Dissolved	**0.00015**	**J**	0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 01:46	1
Lead, Dissolved	**0.00027**	**J**	0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 01:46	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 01:46	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/28/14 01:46	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-211BR

Lab Sample ID: 480-69451-16

Date Collected: 10/13/14 15:00
Matrix: Water
Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:06	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			11/05/14 21:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.08				SU			10/13/14 15:00	1
Field Conductivity	930				umhos/cm			10/13/14 15:00	1
Field Temperature	15.6				Degrees C			10/13/14 15:00	1
Field Turbidity	8.58				NTU			10/13/14 15:00	1
Oxidation Reduction Potential	43.7				millivolts			10/13/14 15:00	1
Oxygen, Dissolved	0.58				mg/L			10/13/14 15:00	1

Client Sample ID: MP-408

Lab Sample ID: 480-69451-17

Date Collected: 10/14/14 09:50

Matrix: Water

Date Received: 10/16/14 08:15

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	H	2.0	0.35	ug/L			10/31/14 13:50	1
1,1,1-Trichloroethane	ND	H	2.0	0.82	ug/L			10/31/14 13:50	1
1,1,2,2-Tetrachloroethane	ND	H	2.0	0.21	ug/L			10/31/14 13:50	1
1,1,2-Trichloroethane	ND	H	2.0	0.23	ug/L			10/31/14 13:50	1
1,1-Dichloroethane	ND	H	2.0	0.38	ug/L			10/31/14 13:50	1
1,1-Dichloroethene	ND	H	2.0	0.29	ug/L			10/31/14 13:50	1
1,2,3-Trichloropropane	ND	H	2.0	0.89	ug/L			10/31/14 13:50	1
1,2,4-Trichlorobenzene	ND	H	1.0	0.41	ug/L			10/31/14 13:50	1
1,2-Dichlorobenzene	ND	H	1.0	0.79	ug/L			10/31/14 13:50	1
1,2-Dichloroethane	ND	H	2.0	0.21	ug/L			10/31/14 13:50	1
1,2-Dichloroethene, Total	ND	H	2.0	0.81	ug/L			10/31/14 13:50	1
1,2-Dichloropropane	ND	H	2.0	0.72	ug/L			10/31/14 13:50	1
1,3-Dichlorobenzene	ND	H	1.0	0.78	ug/L			10/31/14 13:50	1
1,4-Dichlorobenzene	ND	H	1.0	0.84	ug/L			10/31/14 13:50	1
1,4-Dioxane	ND	H	40	9.3	ug/L			10/31/14 13:50	1
2-Butanone (MEK)	ND	H	10	1.3	ug/L			10/31/14 13:50	1
Chloroprene	ND	H	2.0	0.49	ug/L			10/31/14 13:50	1
2-Hexanone	ND	H *	10	1.2	ug/L			10/31/14 13:50	1
4-Methyl-2-pentanone (MIBK)	ND	H	10	2.1	ug/L			10/31/14 13:50	1
Acetone	ND	H	10	3.0	ug/L			10/31/14 13:50	1
Acetonitrile	ND	H	170	4.9	ug/L			10/31/14 13:50	1
Acrolein	ND	H	20	0.91	ug/L			10/31/14 13:50	1
Acrylonitrile	ND	H	20	0.83	ug/L			10/31/14 13:50	1
Benzene	ND	H	2.0	0.41	ug/L			10/31/14 13:50	1
Bromoform	ND	H	2.0	0.26	ug/L			10/31/14 13:50	1
Bromomethane	ND	H	2.0	0.69	ug/L			10/31/14 13:50	1
Carbon disulfide	ND	H	2.0	0.19	ug/L			10/31/14 13:50	1
Carbon tetrachloride	ND	H	2.0	0.27	ug/L			10/31/14 13:50	1
Chlorobenzene	ND	H	2.0	0.75	ug/L			10/31/14 13:50	1
Dibromochloromethane	ND	H	2.0	0.32	ug/L			10/31/14 13:50	1
Chloroethane	ND	H	2.0	0.32	ug/L			10/31/14 13:50	1
Chloroform	ND	H	2.0	0.34	ug/L			10/31/14 13:50	1
Chloromethane	ND	H	2.0	0.35	ug/L			10/31/14 13:50	1
Dibromomethane	ND	H	2.0	0.41	ug/L			10/31/14 13:50	1
Bromodichloromethane	ND	H	2.0	0.39	ug/L			10/31/14 13:50	1
Dichlorodifluoromethane	ND	H	2.0	0.68	ug/L			10/31/14 13:50	1
Ethyl methacrylate	ND	H	2.0	0.59	ug/L			10/31/14 13:50	1
Ethylbenzene	ND	H	2.0	0.74	ug/L			10/31/14 13:50	1
Hexachlorobutadiene	ND	H	1.0	0.28	ug/L			10/31/14 13:50	1
Iodomethane	ND	H	2.0	0.30	ug/L			10/31/14 13:50	1
Isobutyl alcohol	ND	H	1000	4.8	ug/L			10/31/14 13:50	1
Methacrylonitrile	ND	H	10	0.69	ug/L			10/31/14 13:50	1
Methyl methacrylate	ND	H	10	0.61	ug/L			10/31/14 13:50	1
Methylene Chloride	ND	H	2.0	0.44	ug/L			10/31/14 13:50	1
Naphthalene	ND	H	1.0	0.43	ug/L			10/31/14 13:50	1
Pentachloroethane	ND	H	1.0	0.34	ug/L			10/31/14 13:50	1
Propionitrile	ND	H	50	5.8	ug/L			10/31/14 13:50	1
Tetrachloroethene	ND	H	2.0	0.36	ug/L			10/31/14 13:50	1
Tetrahydrofuran	ND	H	5.0	1.3	ug/L			10/31/14 13:50	1

Client Sample ID: MP-408

Lab Sample ID: 480-69451-17

Date Collected: 10/14/14 09:50

Matrix: Water

Date Received: 10/16/14 08:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND	H	2.0	0.51	ug/L			10/31/14 13:50	1
trans-1,3-Dichloropropene	ND	H	2.0	0.37	ug/L			10/31/14 13:50	1
trans-1,4-Dichloro-2-butene	ND	H	5.0	0.22	ug/L			10/31/14 13:50	1
Trichloroethene	ND	H	2.0	0.46	ug/L			10/31/14 13:50	1
Trichlorofluoromethane	ND	H	2.0	0.88	ug/L			10/31/14 13:50	1
Vinyl acetate	ND	H	10	0.85	ug/L			10/31/14 13:50	1
Vinyl chloride	ND	H	1.0	0.90	ug/L			10/31/14 13:50	1
Xylenes, Total	ND	H	3.0	0.66	ug/L			10/31/14 13:50	1
cis-1,3-Dichloropropene	ND	H	2.0	0.36	ug/L			10/31/14 13:50	1
Styrene	ND	H	2.0	0.73	ug/L			10/31/14 13:50	1
Allyl chloride	ND	H *	2.0	0.44	ug/L			10/31/14 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*86 - 118*		*10/31/14 13:50*	*1*
4-Bromofluorobenzene (Surr)	*98*		*86 - 115*		*10/31/14 13:50*	*1*
Toluene-d8 (Surr)	*97*		*88 - 110*		*10/31/14 13:50*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		10	1.8	ug/L			10/27/14 14:49	5
1,1,1-Trichloroethane	ND		10	4.1	ug/L			10/27/14 14:49	5
1,1,2,2-Tetrachloroethane	ND		10	1.1	ug/L			10/27/14 14:49	5
1,1,2-Trichloroethane	ND		10	1.2	ug/L			10/27/14 14:49	5
1,1-Dichloroethane	ND		10	1.9	ug/L			10/27/14 14:49	5
1,1-Dichloroethene	ND		10	1.5	ug/L			10/27/14 14:49	5
1,2,3-Trichloropropane	ND		10	4.5	ug/L			10/27/14 14:49	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			10/27/14 14:49	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			10/27/14 14:49	5
1,2-Dichloroethane	ND		10	1.1	ug/L			10/27/14 14:49	5
1,2-Dichloroethene, Total	ND		10	4.1	ug/L			10/27/14 14:49	5
1,2-Dichloropropane	ND		10	3.6	ug/L			10/27/14 14:49	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			10/27/14 14:49	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			10/27/14 14:49	5
1,4-Dioxane	ND		200	47	ug/L			10/27/14 14:49	5
2-Butanone (MEK)	ND		50	6.6	ug/L			10/27/14 14:49	5
2-Hexanone	ND		50	6.2	ug/L			10/27/14 14:49	5
4-Methyl-2-pentanone (MIBK)	ND		50	11	ug/L			10/27/14 14:49	5
Acetone	ND		50	15	ug/L			10/27/14 14:49	5
Acetonitrile	ND		850	25	ug/L			10/27/14 14:49	5
Acrolein	ND		100	4.6	ug/L			10/27/14 14:49	5
Acrylonitrile	ND		100	4.2	ug/L			10/27/14 14:49	5
Allyl chloride	ND		10	2.2	ug/L			10/27/14 14:49	5
Benzene	ND		10	2.1	ug/L			10/27/14 14:49	5
Bromodichloromethane	ND		10	2.0	ug/L			10/27/14 14:49	5
Bromoform	ND		10	1.3	ug/L			10/27/14 14:49	5
Bromomethane	ND		10	3.5	ug/L			10/27/14 14:49	5
Carbon disulfide	ND		10	0.95	ug/L			10/27/14 14:49	5
Carbon tetrachloride	ND		10	1.4	ug/L			10/27/14 14:49	5
Chlorobenzene	ND		10	3.8	ug/L			10/27/14 14:49	5
Chloroethane	ND		10	1.6	ug/L			10/27/14 14:49	5

Client Sample ID: MP-408

Date Collected: 10/14/14 09:50
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-17

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		10	1.7	ug/L			10/27/14 14:49	5
Chloromethane	ND		10	1.8	ug/L			10/27/14 14:49	5
Chloroprene	ND		10	2.5	ug/L			10/27/14 14:49	5
cis-1,3-Dichloropropene	ND		10	1.8	ug/L			10/27/14 14:49	5
Dibromochloromethane	ND		10	1.6	ug/L			10/27/14 14:49	5
Dibromomethane	ND		10	2.1	ug/L			10/27/14 14:49	5
Dichlorodifluoromethane	ND		10	3.4	ug/L			10/27/14 14:49	5
Ethyl methacrylate	ND		10	3.0	ug/L			10/27/14 14:49	5
Ethylbenzene	ND		10	3.7	ug/L			10/27/14 14:49	5
Hexachlorobutadiene	ND		5.0	1.4	ug/L			10/27/14 14:49	5
Iodomethane	ND		10	1.5	ug/L			10/27/14 14:49	5
Isobutyl alcohol	ND		5000	24	ug/L			10/27/14 14:49	5
Methacrylonitrile	ND		50	3.5	ug/L			10/27/14 14:49	5
Methyl methacrylate	ND		50	3.1	ug/L			10/27/14 14:49	5
Methylene Chloride	ND		10	2.2	ug/L			10/27/14 14:49	5
Naphthalene	ND		5.0	2.2	ug/L			10/27/14 14:49	5
Pentachloroethane	ND		5.0	1.7	ug/L			10/27/14 14:49	5
Propionitrile	ND		250	29	ug/L			10/27/14 14:49	5
Styrene	ND		10	3.7	ug/L			10/27/14 14:49	5
Tetrachloroethene	ND		10	1.8	ug/L			10/27/14 14:49	5
Tetrahydrofuran	ND		25	6.3	ug/L			10/27/14 14:49	5
Toluene	ND		10	2.6	ug/L			10/27/14 14:49	5
trans-1,3-Dichloropropene	ND		10	1.9	ug/L			10/27/14 14:49	5
trans-1,4-Dichloro-2-butene	ND		25	1.1	ug/L			10/27/14 14:49	5
Trichloroethene	ND		10	2.3	ug/L			10/27/14 14:49	5
Trichlorofluoromethane	ND		10	4.4	ug/L			10/27/14 14:49	5
Vinyl acetate	ND		50	4.3	ug/L			10/27/14 14:49	5
Vinyl chloride	ND		5.0	4.5	ug/L			10/27/14 14:49	5
Xylenes, Total	ND		15	3.3	ug/L			10/27/14 14:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*86 - 118*		*10/27/14 14:49*	*5*
4-Bromofluorobenzene (Surr)	*94*		*86 - 115*		*10/27/14 14:49*	*5*
Toluene-d8 (Surr)	*98*		*88 - 110*		*10/27/14 14:49*	*5*

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	0.0074	ug/L		10/18/14 11:48	10/19/14 14:08	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 14:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:08	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-408

Date Collected: 10/14/14 09:50
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-17

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*24 - 150*	*10/18/14 08:16*	*10/20/14 10:08*	*1*
DCB Decachlorobiphenyl	*75*		*24 - 150*	*10/18/14 08:16*	*10/20/14 10:08*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.63**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:37	1
Chromium, Dissolved	**0.0013**	**J**	0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.066**		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 02:16	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 02:16	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 02:16	1
Silver, Dissolved	**0.000028**	**J**	0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 02:16	1
Selenium, Dissolved	**0.0039**	**J**	0.015	0.00044	mg/L		10/17/14 12:03	12/09/14 14:23	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**22.2**		1.0	0.43	mg/L			11/05/14 22:24	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.21**				SU			10/14/14 09:50	1
Field Conductivity	**3785**				umhos/cm			10/14/14 09:50	1
Field Temperature	**15.6**				Degrees C			10/14/14 09:50	1
Field Turbidity	**9.49**				NTU			10/14/14 09:50	1
Oxidation Reduction Potential	**-131.3**				millivolts			10/14/14 09:50	1
Oxygen, Dissolved	**0.01**				mg/L			10/14/14 09:50	1

Client Sample ID: MP-206AR

Lab Sample ID: 480-69451-18

Date Collected: 10/14/14 16:30

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:12	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:12	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:12	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:12	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:12	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:12	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:12	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:12	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:12	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:12	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:12	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:12	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:12	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:12	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:12	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:12	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:12	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:12	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:12	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:12	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:12	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:12	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:12	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:12	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:12	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:12	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:12	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:12	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:12	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:12	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:12	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:12	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:12	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:12	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:12	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:12	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:12	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:12	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:12	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:12	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:12	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:12	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:12	1

Client Sample ID: MP-206AR

Lab Sample ID: 480-69451-18

Date Collected: 10/14/14 16:30

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:12	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:12	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:12	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:12	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:12	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:12	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:12	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:12	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:12	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/27/14 15:12*	*1*
4-Bromofluorobenzene (Surr)	*95*		*86 - 115*		*10/27/14 15:12*	*1*
Toluene-d8 (Surr)	*99*		*88 - 110*		*10/27/14 15:12*	*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	0.0074	ug/L		10/18/14 11:48	10/19/14 14:36	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*24 - 150*	*10/18/14 08:16*	*10/20/14 10:23*	*1*
DCB Decachlorobiphenyl	*91*		*24 - 150*	*10/18/14 08:16*	*10/20/14 10:23*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.010**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:40	1
Chromium, Dissolved	**0.0012**	**J**	0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0012**		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 02:22	1
Cadmium, Dissolved	**0.00012**	**J**	0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 02:22	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 02:22	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 02:22	1
Selenium, Dissolved	**0.00094**	**J**	0.015	0.00044	mg/L		10/17/14 12:03	10/28/14 02:22	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-206AR

Lab Sample ID: 480-69451-18

Date Collected: 10/14/14 16:30
Matrix: Water
Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:10	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			11/05/14 22:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.69				SU			10/14/14 16:30	1
Field Conductivity	3331				umhos/cm			10/14/14 16:30	1
Field Temperature	14.6				Degrees C			10/14/14 16:30	1
Field Turbidity	5.66				NTU			10/14/14 16:30	1
Oxidation Reduction Potential	9.2				millivolts			10/14/14 16:30	1
Oxygen, Dissolved	0.08				mg/L			10/14/14 16:30	1

Client Sample ID: MP-277A

Lab Sample ID: 480-69451-19

Date Collected: 10/14/14 17:25

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:34	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:34	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:34	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:34	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:34	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:34	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:34	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:34	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:34	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:34	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:34	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:34	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:34	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:34	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:34	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:34	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:34	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:34	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:34	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:34	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:34	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:34	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:34	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:34	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:34	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:34	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:34	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:34	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:34	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:34	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:34	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:34	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:34	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:34	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:34	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:34	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:34	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:34	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:34	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:34	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:34	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:34	1

Client Sample ID: MP-277A

Date Collected: 10/14/14 17:25
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-19

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			10/27/14 15:34	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:34	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:34	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:34	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:34	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:34	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:34	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:34	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:34	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/27/14 15:34*	*1*
4-Bromofluorobenzene (Surr)	*95*		*86 - 115*		*10/27/14 15:34*	*1*
Toluene-d8 (Surr)	*97*		*88 - 110*		*10/27/14 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	0.0074	ug/L		10/18/14 11:48	10/19/14 15:03	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*24 - 150*	*10/18/14 08:16*	*10/20/14 10:37*	*1*
DCB Decachlorobiphenyl	*91*		*24 - 150*	*10/18/14 08:16*	*10/20/14 10:37*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.027**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:43	1
Chromium, Dissolved	**0.0013**	**J**	0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0080**		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 02:28	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 02:28	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 02:28	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 02:28	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/28/14 02:28	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-277A

Lab Sample ID: 480-69451-19

Date Collected: 10/14/14 17:25
Matrix: Water
Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:11	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			11/05/14 23:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.02				SU			10/14/14 17:25	1
Field Conductivity	1726				umhos/cm			10/14/14 17:25	1
Field Temperature	14.3				Degrees C			10/14/14 17:25	1
Field Turbidity	7.15				NTU			10/14/14 17:25	1
Oxidation Reduction Potential	-108.4				millivolts			10/14/14 17:25	1
Oxygen, Dissolved	0.01				mg/L			10/14/14 17:25	1

Client Sample ID: MP-279

Lab Sample ID: 480-69451-20

Date Collected: 10/14/14 18:10

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:57	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:57	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:57	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:57	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:57	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:57	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:57	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:57	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:57	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:57	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:57	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:57	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:57	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:57	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:57	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:57	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:57	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:57	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:57	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:57	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:57	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:57	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:57	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:57	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:57	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:57	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:57	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:57	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:57	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:57	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:57	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:57	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:57	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:57	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:57	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:57	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:57	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:57	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:57	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:57	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:57	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:57	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:57	1

Client Sample ID: MP-279

Lab Sample ID: 480-69451-20

Date Collected: 10/14/14 18:10

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 15:57	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:57	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:57	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:57	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:57	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:57	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:57	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:57	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:57	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*86 - 118*		*10/27/14 15:57*	*1*
4-Bromofluorobenzene (Surr)	*105*		*86 - 115*		*10/27/14 15:57*	*1*
Toluene-d8 (Surr)	*110*		*88 - 110*		*10/27/14 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	0.0074	ug/L		10/18/14 11:48	10/19/14 15:30	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1221	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1232	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1242	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1248	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1254	ND		0.48	0.24	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1260	ND		0.48	0.24	ug/L		10/18/14 08:16	10/20/14 10:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*24 - 150*	*10/18/14 08:16*	*10/20/14 10:52*	*1*
DCB Decachlorobiphenyl	*94*		*24 - 150*	*10/18/14 08:16*	*10/20/14 10:52*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.94**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:45	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.026**		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 02:53	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 02:53	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 02:53	1
Silver, Dissolved	**0.000039**	**J**	0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 02:53	1
Selenium, Dissolved	**0.013**	**J**	0.015	0.00044	mg/L		10/17/14 12:03	12/09/14 14:38	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-279

Lab Sample ID: 480-69451-20

Date Collected: 10/14/14 18:10

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**2.2**		1.0	0.43	mg/L			11/05/14 23:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.05**				SU			10/14/14 18:10	1
Field Conductivity	**7857**				umhos/cm			10/14/14 18:10	1
Field Temperature	**14.8**				Degrees C			10/14/14 18:10	1
Field Turbidity	**4.22**				NTU			10/14/14 18:10	1
Oxidation Reduction Potential	**-76.3**				millivolts			10/14/14 18:10	1
Oxygen, Dissolved	**0.03**				mg/L			10/14/14 18:10	1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-69451-21

Date Collected: 10/14/14 00:00

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 16:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 16:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 16:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 16:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 16:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 16:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 16:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 16:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 16:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 16:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 16:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 16:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 16:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 16:19	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 16:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 16:19	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 16:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 16:19	1
Acetone	ND		10	3.0	ug/L			10/27/14 16:19	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 16:19	1
Acrolein	ND		20	0.91	ug/L			10/27/14 16:19	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 16:19	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 16:19	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 16:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 16:19	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 16:19	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 16:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 16:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 16:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 16:19	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 16:19	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 16:19	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 16:19	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 16:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 16:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 16:19	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 16:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 16:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 16:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 16:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 16:19	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 16:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 16:19	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 16:19	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 16:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 16:19	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 16:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 16:19	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 16:19	1

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-69451-21

Date Collected: 10/14/14 00:00

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 16:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 16:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 16:19	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 16:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 16:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 16:19	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 16:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 16:19	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 16:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 16:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/27/14 16:19*	*1*
4-Bromofluorobenzene (Surr)	*95*		*86 - 115*		*10/27/14 16:19*	*1*
Toluene-d8 (Surr)	*100*		*88 - 110*		*10/27/14 16:19*	*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		0.010	0.0074	ug/L		10/18/14 11:45	10/18/14 22:56	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:45	10/18/14 22:56	1

Client Sample ID: MP-244R

Lab Sample ID: 480-69451-22

Date Collected: 10/14/14 14:45

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 16:41	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 16:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 16:41	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 16:41	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 16:41	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 16:41	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 16:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 16:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 16:41	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 16:41	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 16:41	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 16:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 16:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 16:41	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 16:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 16:41	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 16:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 16:41	1
Acetone	ND		10	3.0	ug/L			10/27/14 16:41	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 16:41	1
Acrolein	ND		20	0.91	ug/L			10/27/14 16:41	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 16:41	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 16:41	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 16:41	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 16:41	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 16:41	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 16:41	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 16:41	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 16:41	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 16:41	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 16:41	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 16:41	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 16:41	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 16:41	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 16:41	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 16:41	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 16:41	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 16:41	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 16:41	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 16:41	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 16:41	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 16:41	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 16:41	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 16:41	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 16:41	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 16:41	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 16:41	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 16:41	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 16:41	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-244R

Date Collected: 10/14/14 14:45
Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-22

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			10/27/14 16:41	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 16:41	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 16:41	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 16:41	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 16:41	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 16:41	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 16:41	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 16:41	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 16:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 16:41	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/27/14 16:41*	*1*
4-Bromofluorobenzene (Surr)	*94*		*86 - 115*		*10/27/14 16:41*	*1*
Toluene-d8 (Surr)	*99*		*88 - 110*		*10/27/14 16:41*	*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	0.0074	ug/L		10/18/14 11:45	10/18/14 23:23	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:45	10/18/14 23:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1221	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1232	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1242	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1248	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1254	ND		0.48	0.24	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1260	ND		0.48	0.24	ug/L		10/18/14 08:16	10/20/14 11:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*24 - 150*	*10/18/14 08:16*	*10/20/14 11:07*	*1*
DCB Decachlorobiphenyl	*97*		*24 - 150*	*10/18/14 08:16*	*10/20/14 11:07*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.022**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 19:00	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0027**		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 02:59	1
Cadmium, Dissolved	**0.000092**	**J**	0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 02:59	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 02:59	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 02:59	1
Selenium, Dissolved	**0.0033**	**J ^**	0.015	0.00044	mg/L		10/17/14 12:03	10/28/14 02:59	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-244R

Lab Sample ID: 480-69451-22

Date Collected: 10/14/14 14:45
Matrix: Water
Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/08/14 03:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.37**				SU			10/14/14 14:45	1
Field Conductivity	**1483**				umhos/cm			10/14/14 14:45	1
Field Temperature	**15.4**				Degrees C			10/14/14 14:45	1
Field Turbidity	**0.56**				NTU			10/14/14 14:45	1
Oxidation Reduction Potential	**-79.4**				millivolts			10/14/14 14:45	1
Oxygen, Dissolved	**0.13**				mg/L			10/14/14 14:45	1

Client Sample ID: MP-244ARR

Lab Sample ID: 480-69451-23

Date Collected: 10/14/14 15:26

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 17:04	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:04	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:04	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:04	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:04	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:04	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:04	1
1,2-Dichloroethene, Total	**0.88**	**J**	2.0	0.81	ug/L			10/27/14 17:04	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:04	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:04	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:04	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:04	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:04	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:04	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:04	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:04	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:04	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:04	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:04	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:04	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:04	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:04	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:04	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:04	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:04	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:04	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:04	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:04	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:04	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:04	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:04	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:04	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:04	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:04	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:04	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:04	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:04	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:04	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:04	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:04	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:04	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:04	1

Client Sample ID: MP-244ARR

Lab Sample ID: 480-69451-23

Date Collected: 10/14/14 15:26

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 17:04	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:04	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:04	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:04	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:04	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:04	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:04	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:04	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:04	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/27/14 17:04*	*1*
4-Bromofluorobenzene (Surr)	*94*		*86 - 115*		*10/27/14 17:04*	*1*
Toluene-d8 (Surr)	*99*		*88 - 110*		*10/27/14 17:04*	*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		0.010	0.0074	ug/L		10/18/14 11:45	10/18/14 23:51	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:45	10/18/14 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*24 - 150*	*10/18/14 08:16*	*10/20/14 11:22*	*1*
DCB Decachlorobiphenyl	*86*		*24 - 150*	*10/18/14 08:16*	*10/20/14 11:22*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.056**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 19:11	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 19:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.012**		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 03:05	1
Cadmium, Dissolved	**0.000090**	**J**	0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 03:05	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 03:05	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 03:05	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/29/14 07:10	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-244ARR

Lab Sample ID: 480-69451-23

Date Collected: 10/14/14 15:26
Matrix: Water
Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:16	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			11/08/14 18:07	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.98				SU			10/14/14 15:26	1
Field Conductivity	1403				umhos/cm			10/14/14 15:26	1
Field Temperature	15.1				Degrees C			10/14/14 15:26	1
Field Turbidity	1.96				NTU			10/14/14 15:26	1
Oxidation Reduction Potential	-86.9				millivolts			10/14/14 15:26	1
Oxygen, Dissolved	0.06				mg/L			10/14/14 15:26	1

Client Sample ID: MP-250

Lab Sample ID: 480-69451-24

Date Collected: 10/14/14 16:13

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 17:26	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:26	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:26	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:26	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:26	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:26	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:26	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 17:26	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:26	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:26	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:26	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:26	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:26	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:26	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:26	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:26	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:26	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:26	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:26	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:26	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:26	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:26	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:26	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:26	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:26	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:26	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:26	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:26	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:26	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:26	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:26	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:26	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:26	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:26	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:26	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:26	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:26	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:26	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:26	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:26	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:26	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:26	1

Client Sample ID: MP-250

Lab Sample ID: 480-69451-24

Date Collected: 10/14/14 16:13

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 17:26	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:26	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:26	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:26	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:26	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:26	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:26	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:26	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:26	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*86 - 118*		*10/27/14 17:26*	*1*
4-Bromofluorobenzene (Surr)	*94*		*86 - 115*		*10/27/14 17:26*	*1*
Toluene-d8 (Surr)	*97*		*88 - 110*		*10/27/14 17:26*	*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		0.010	0.0074	ug/L		10/18/14 11:45	10/19/14 00:18	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:45	10/19/14 00:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1221	ND		0.47	0.17	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1232	ND		0.47	0.17	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1242	ND		0.47	0.17	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1248	ND		0.47	0.17	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1254	ND		0.47	0.24	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1260	ND		0.47	0.24	ug/L		10/18/14 08:16	10/20/14 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*24 - 150*	*10/18/14 08:16*	*10/20/14 12:06*	*1*
DCB Decachlorobiphenyl	*92*		*24 - 150*	*10/18/14 08:16*	*10/20/14 12:06*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.045**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 19:14	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0017**		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 03:11	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 03:11	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 03:11	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 03:11	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/29/14 07:16	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-250

Lab Sample ID: 480-69451-24

Date Collected: 10/14/14 16:13

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.76	J	1.0	0.43	mg/L			11/08/14 23:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.21				SU			10/14/14 16:13	1
Field Conductivity	1023				umhos/cm			10/14/14 16:13	1
Field Temperature	14.4				Degrees C			10/14/14 16:13	1
Field Turbidity	1.16				NTU			10/14/14 16:13	1
Oxidation Reduction Potential	-11.6				millivolts			10/14/14 16:13	1
Oxygen, Dissolved	0.15				mg/L			10/14/14 16:13	1

Client Sample ID: MP-250A

Lab Sample ID: 480-69451-25

Date Collected: 10/14/14 16:54

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 17:48	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:48	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:48	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:48	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:48	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:48	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:48	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:48	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 17:48	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:48	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:48	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:48	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:48	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:48	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:48	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:48	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:48	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:48	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:48	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:48	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:48	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:48	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:48	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:48	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:48	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:48	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:48	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:48	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:48	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:48	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:48	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:48	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:48	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:48	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:48	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:48	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:48	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:48	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:48	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:48	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:48	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:48	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:48	1

Client Sample ID: MP-250A

Lab Sample ID: 480-69451-25

Date Collected: 10/14/14 16:54

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 17:48	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:48	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:48	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:48	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:48	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:48	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:48	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:48	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:48	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/27/14 17:48*	*1*
4-Bromofluorobenzene (Surr)	*93*		*86 - 115*		*10/27/14 17:48*	*1*
Toluene-d8 (Surr)	*96*		*88 - 110*		*10/27/14 17:48*	*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		0.010	0.0075	ug/L		10/18/14 11:45	10/19/14 00:45	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:45	10/19/14 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1221	ND		0.47	0.16	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1232	ND		0.47	0.16	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1242	ND		0.47	0.16	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1248	ND		0.47	0.16	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1254	ND		0.47	0.23	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1260	ND		0.47	0.23	ug/L		10/18/14 08:16	10/20/14 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*24 - 150*	*10/18/14 08:16*	*10/20/14 12:21*	*1*
DCB Decachlorobiphenyl	*97*		*24 - 150*	*10/18/14 08:16*	*10/20/14 12:21*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.029**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 19:17	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 19:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0068**		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 03:17	1
Cadmium, Dissolved	**0.000087**	**J**	0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 03:17	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 03:17	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 03:17	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/29/14 07:23	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-250A

Lab Sample ID: 480-69451-25

Date Collected: 10/14/14 16:54

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.85	J	1.0	0.43	mg/L			11/08/14 17:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.07				SU			10/14/14 16:54	1
Field Conductivity	1386				umhos/cm			10/14/14 16:54	1
Field Temperature	14.3				Degrees C			10/14/14 16:54	1
Field Turbidity	0.97				NTU			10/14/14 16:54	1
Oxidation Reduction Potential	-48.3				millivolts			10/14/14 16:54	1
Oxygen, Dissolved	0.04				mg/L			10/14/14 16:54	1

Client Sample ID: MP-286C

Lab Sample ID: 480-69451-26

Date Collected: 10/14/14 17:55

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 18:10	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 18:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 18:10	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 18:10	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 18:10	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 18:10	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 18:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 18:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 18:10	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 18:10	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 18:10	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 18:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 18:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 18:10	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 18:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 18:10	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 18:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 18:10	1
Acetone	ND		10	3.0	ug/L			10/27/14 18:10	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 18:10	1
Acrolein	ND		20	0.91	ug/L			10/27/14 18:10	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 18:10	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 18:10	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 18:10	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 18:10	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 18:10	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 18:10	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 18:10	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 18:10	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 18:10	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 18:10	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 18:10	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 18:10	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 18:10	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 18:10	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 18:10	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 18:10	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 18:10	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 18:10	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 18:10	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 18:10	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 18:10	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 18:10	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 18:10	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 18:10	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 18:10	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 18:10	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 18:10	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 18:10	1

Client Sample ID: MP-286C

Lab Sample ID: 480-69451-26

Date Collected: 10/14/14 17:55

Matrix: Water

Date Received: 10/16/14 08:15

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			10/27/14 18:10	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 18:10	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 18:10	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 18:10	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 18:10	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 18:10	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 18:10	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 18:10	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 18:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 18:10	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/27/14 18:10*	*1*
4-Bromofluorobenzene (Surr)	*93*		*86 - 115*		*10/27/14 18:10*	*1*
Toluene-d8 (Surr)	*98*		*88 - 110*		*10/27/14 18:10*	*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		0.010	0.0074	ug/L		10/18/14 11:45	10/19/14 01:13	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:45	10/19/14 01:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*24 - 150*	*10/18/14 08:16*	*10/20/14 12:36*	*1*
DCB Decachlorobiphenyl	*92*		*24 - 150*	*10/18/14 08:16*	*10/20/14 12:36*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.13**		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 19:20	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 19:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0041**		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 03:23	1
Cadmium, Dissolved	**0.000099**	**J**	0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 03:23	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 03:23	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 03:23	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/29/14 07:29	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-286C

Lab Sample ID: 480-69451-26

Date Collected: 10/14/14 17:55
Matrix: Water
Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:22	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			11/08/14 17:39	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.28				SU			10/14/14 17:55	1
Field Conductivity	1156				umhos/cm			10/14/14 17:55	1
Field Temperature	12.9				Degrees C			10/14/14 17:55	1
Field Turbidity	0.74				NTU			10/14/14 17:55	1
Oxidation Reduction Potential	-113.8				millivolts			10/14/14 17:55	1
Oxygen, Dissolved	0.05				mg/L			10/14/14 17:55	1

Client Sample ID: MP-241R

Lab Sample ID: 480-69567-1

Date Collected: 10/15/14 10:07

Matrix: Water

Date Received: 10/17/14 09:00

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			10/23/14 21:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 21:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 21:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 21:23	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 21:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 21:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 21:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 21:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 21:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 21:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 21:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 21:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 21:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 21:23	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 21:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 21:23	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 21:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 21:23	1
Acetone	ND		10	3.0	ug/L			10/23/14 21:23	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 21:23	1
Acrolein	ND		20	0.91	ug/L			10/23/14 21:23	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 21:23	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 21:23	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 21:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 21:23	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 21:23	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 21:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 21:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 21:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 21:23	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 21:23	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 21:23	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 21:23	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 21:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 21:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 21:23	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 21:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 21:23	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 21:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 21:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 21:23	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 21:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 21:23	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 21:23	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 21:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 21:23	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 21:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 21:23	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 21:23	1

Client Sample ID: MP-241R

Lab Sample ID: 480-69567-1

Date Collected: 10/15/14 10:07

Matrix: Water

Date Received: 10/17/14 09:00

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			10/23/14 21:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 21:23	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 21:23	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 21:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 21:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 21:23	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 21:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 21:23	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 21:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 21:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*86 - 118*		*10/23/14 21:23*	*1*
4-Bromofluorobenzene (Surr)	*92*		*86 - 115*		*10/23/14 21:23*	*1*
Toluene-d8 (Surr)	*104*		*88 - 110*		*10/23/14 21:23*	*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		0.010	0.0074	ug/L		10/22/14 14:54	10/23/14 11:06	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 11:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1221	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1232	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1242	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1248	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1254	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1260	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*24 - 150*	*10/23/14 14:32*	*10/25/14 04:49*	*1*
DCB Decachlorobiphenyl	*105*		*24 - 150*	*10/23/14 14:32*	*10/25/14 04:49*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.043**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:27	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0024**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:01	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:01	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:01	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:01	1
Selenium, Dissolved	**0.0014**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:01	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-241R

Lab Sample ID: 480-69567-1

Date Collected: 10/15/14 10:07

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.83	J	1.0	0.43	mg/L			11/10/14 15:24	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.05				SU			10/15/14 10:07	1
Field Conductivity	997				umhos/cm			10/15/14 10:07	1
Field Temperature	13.7				Degrees C			10/15/14 10:07	1
Field Turbidity	3.16				NTU			10/15/14 10:07	1
Oxidation Reduction Potential	-159.0				millivolts			10/15/14 10:07	1
Oxygen, Dissolved	0.16				mg/L			10/15/14 10:07	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235CR

Lab Sample ID: 480-69567-2

Date Collected: 10/15/14 11:15
Matrix: Water
Date Received: 10/17/14 09:00

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			10/23/14 21:47	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 21:47	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 21:47	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 21:47	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 21:47	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 21:47	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 21:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 21:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 21:47	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 21:47	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 21:47	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 21:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 21:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 21:47	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 21:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 21:47	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 21:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 21:47	1
Acetone	ND		10	3.0	ug/L			10/23/14 21:47	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 21:47	1
Acrolein	ND		20	0.91	ug/L			10/23/14 21:47	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 21:47	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 21:47	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 21:47	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 21:47	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 21:47	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 21:47	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 21:47	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 21:47	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 21:47	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 21:47	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 21:47	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 21:47	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 21:47	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 21:47	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 21:47	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 21:47	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 21:47	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 21:47	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 21:47	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 21:47	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 21:47	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 21:47	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 21:47	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 21:47	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 21:47	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 21:47	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 21:47	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 21:47	1

Client Sample ID: MP-235CR

Lab Sample ID: 480-69567-2

Date Collected: 10/15/14 11:15

Matrix: Water

Date Received: 10/17/14 09:00

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			10/23/14 21:47	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 21:47	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 21:47	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 21:47	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 21:47	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 21:47	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 21:47	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 21:47	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 21:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 21:47	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*86 - 118*		*10/23/14 21:47*	*1*
4-Bromofluorobenzene (Surr)	*87*		*86 - 115*		*10/23/14 21:47*	*1*
Toluene-d8 (Surr)	*98*		*88 - 110*		*10/23/14 21:47*	*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	0.0074	ug/L		10/22/14 14:54	10/23/14 12:00	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1221	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1232	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1242	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1248	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1254	ND		0.48	0.24	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1260	ND		0.48	0.24	ug/L		10/23/14 14:32	10/25/14 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*24 - 150*	*10/23/14 14:32*	*10/25/14 05:04*	*1*
DCB Decachlorobiphenyl	*97*		*24 - 150*	*10/23/14 14:32*	*10/25/14 05:04*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.0098**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:29	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00094**	**J**	0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:06	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:06	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:06	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:06	1
Selenium, Dissolved	**0.00046**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:06	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235CR

Lab Sample ID: 480-69567-2

Date Collected: 10/15/14 11:15

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.89	J	1.0	0.43	mg/L			11/10/14 16:20	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.89				SU			10/15/14 11:15	1
Field Conductivity	1992				umhos/cm			10/15/14 11:15	1
Field Temperature	14.7				Degrees C			10/15/14 11:15	1
Field Turbidity	0.66				NTU			10/15/14 11:15	1
Oxidation Reduction Potential	52.8				millivolts			10/15/14 11:15	1
Oxygen, Dissolved	0.20				mg/L			10/15/14 11:15	1

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235BR
Date Collected: 10/15/14 12:07
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-3
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			10/23/14 22:11	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 22:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 22:11	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 22:11	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 22:11	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 22:11	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 22:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 22:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 22:11	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 22:11	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 22:11	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 22:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 22:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 22:11	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 22:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 22:11	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 22:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 22:11	1
Acetone	ND		10	3.0	ug/L			10/23/14 22:11	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 22:11	1
Acrolein	ND		20	0.91	ug/L			10/23/14 22:11	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 22:11	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 22:11	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 22:11	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 22:11	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 22:11	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 22:11	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 22:11	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 22:11	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 22:11	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 22:11	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 22:11	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 22:11	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 22:11	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 22:11	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 22:11	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 22:11	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 22:11	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 22:11	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 22:11	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 22:11	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 22:11	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 22:11	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 22:11	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 22:11	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 22:11	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 22:11	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 22:11	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 22:11	1

Client Sample ID: MP-235BR

Lab Sample ID: 480-69567-3

Date Collected: 10/15/14 12:07

Matrix: Water

Date Received: 10/17/14 09:00

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			10/23/14 22:11	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 22:11	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 22:11	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 22:11	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 22:11	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 22:11	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 22:11	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 22:11	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 22:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 22:11	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*86 - 118*		*10/23/14 22:11*	*1*
4-Bromofluorobenzene (Surr)	*88*		*86 - 115*		*10/23/14 22:11*	*1*
Toluene-d8 (Surr)	*98*		*88 - 110*		*10/23/14 22:11*	*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		10/22/14 14:54	10/23/14 12:27	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/22/14 14:54	10/23/14 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		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1221	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1232	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1242	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1248	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1254	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1260	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*24 - 150*	*10/23/14 14:32*	*10/25/14 05:19*	*1*
DCB Decachlorobiphenyl	*98*		*24 - 150*	*10/23/14 14:32*	*10/25/14 05:19*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.011**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:32	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0038**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:12	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:12	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:12	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:12	1
Selenium, Dissolved	**0.00063**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:12	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235BR

Lab Sample ID: 480-69567-3

Date Collected: 10/15/14 12:07

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:04	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			11/11/14 04:45	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.96**				SU			10/15/14 12:07	1
Field Conductivity	**2150**				umhos/cm			10/15/14 12:07	1
Field Temperature	**13.9**				Degrees C			10/15/14 12:07	1
Field Turbidity	**0.96**				NTU			10/15/14 12:07	1
Oxidation Reduction Potential	**-9.8**				millivolts			10/15/14 12:07	1
Oxygen, Dissolved	**0.13**				mg/L			10/15/14 12:07	1

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235R
Date Collected: 10/15/14 12:59
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-4
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			10/23/14 22:35	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 22:35	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 22:35	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 22:35	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 22:35	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 22:35	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 22:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 22:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 22:35	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 22:35	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 22:35	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 22:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 22:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 22:35	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 22:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 22:35	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 22:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 22:35	1
Acetone	ND		10	3.0	ug/L			10/23/14 22:35	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 22:35	1
Acrolein	ND		20	0.91	ug/L			10/23/14 22:35	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 22:35	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 22:35	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 22:35	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 22:35	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 22:35	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 22:35	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 22:35	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 22:35	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 22:35	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 22:35	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 22:35	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 22:35	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 22:35	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 22:35	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 22:35	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 22:35	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 22:35	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 22:35	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 22:35	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 22:35	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 22:35	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 22:35	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 22:35	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 22:35	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 22:35	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 22:35	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 22:35	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 22:35	1

Client Sample ID: MP-235R

Lab Sample ID: 480-69567-4

Date Collected: 10/15/14 12:59

Matrix: Water

Date Received: 10/17/14 09:00

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			10/23/14 22:35	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 22:35	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 22:35	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 22:35	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 22:35	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 22:35	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 22:35	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 22:35	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 22:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 22:35	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*86 - 118*		*10/23/14 22:35*	*1*
4-Bromofluorobenzene (Surr)	*87*		*86 - 115*		*10/23/14 22:35*	*1*
Toluene-d8 (Surr)	*99*		*88 - 110*		*10/23/14 22:35*	*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	0.0074	ug/L		10/22/14 14:54	10/23/14 12:55	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*24 - 150*	*10/23/14 14:32*	*10/25/14 05:34*	*1*
DCB Decachlorobiphenyl	*104*		*24 - 150*	*10/23/14 14:32*	*10/25/14 05:34*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.037**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:35	1
Chromium, Dissolved	**0.0019**	**J**	0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0038**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:18	1
Cadmium, Dissolved	**0.00012**	**J**	0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:18	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:18	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:18	1
Selenium, Dissolved	**0.0054**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:18	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235R

Lab Sample ID: 480-69567-4

Date Collected: 10/15/14 12:59

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:06	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			11/11/14 05:13	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.31**				SU			10/15/14 12:59	1
Field Conductivity	**1781**				umhos/cm			10/15/14 12:59	1
Field Temperature	**14.1**				Degrees C			10/15/14 12:59	1
Field Turbidity	**2.77**				NTU			10/15/14 12:59	1
Oxidation Reduction Potential	**-71.6**				millivolts			10/15/14 12:59	1
Oxygen, Dissolved	**0.41**				mg/L			10/15/14 12:59	1

Client Sample ID: MP-237

Lab Sample ID: 480-69567-5

Date Collected: 10/15/14 14:00

Matrix: Water

Date Received: 10/17/14 09:00

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			10/23/14 22:58	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 22:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 22:58	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 22:58	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 22:58	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 22:58	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 22:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 22:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 22:58	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 22:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 22:58	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 22:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 22:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 22:58	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 22:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 22:58	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 22:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 22:58	1
Acetone	ND		10	3.0	ug/L			10/23/14 22:58	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 22:58	1
Acrolein	ND		20	0.91	ug/L			10/23/14 22:58	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 22:58	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 22:58	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 22:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 22:58	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 22:58	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 22:58	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 22:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 22:58	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 22:58	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 22:58	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 22:58	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 22:58	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 22:58	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 22:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 22:58	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 22:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 22:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 22:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 22:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 22:58	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 22:58	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 22:58	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 22:58	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 22:58	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 22:58	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 22:58	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 22:58	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 22:58	1

Client Sample ID: MP-237

Date Collected: 10/15/14 14:00
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-5

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			10/23/14 22:58	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 22:58	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 22:58	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 22:58	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 22:58	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 22:58	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 22:58	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 22:58	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 22:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 22:58	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*86 - 118*		*10/23/14 22:58*	*1*
4-Bromofluorobenzene (Surr)	*91*		*86 - 115*		*10/23/14 22:58*	*1*
Toluene-d8 (Surr)	*100*		*88 - 110*		*10/23/14 22:58*	*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		0.010	0.0074	ug/L		10/22/14 14:54	10/23/14 13:22	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 13:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*24 - 150*	*10/23/14 14:32*	*10/25/14 05:49*	*1*
DCB Decachlorobiphenyl	*106*		*24 - 150*	*10/23/14 14:32*	*10/25/14 05:49*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.027**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:38	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0017**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:42	1
Cadmium, Dissolved	**0.00014**	**J**	0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:42	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:42	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:42	1
Selenium, Dissolved	**0.0020**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:42	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-237

Date Collected: 10/15/14 14:00
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-5

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:08	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			11/11/14 05:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.58				SU			10/15/14 14:00	1
Field Conductivity	1211				umhos/cm			10/15/14 14:00	1
Field Temperature	14.1				Degrees C			10/15/14 14:00	1
Field Turbidity	2.41				NTU			10/15/14 14:00	1
Oxidation Reduction Potential	-81.7				millivolts			10/15/14 14:00	1
Oxygen, Dissolved	0.27				mg/L			10/15/14 14:00	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-401A

Date Collected: 10/15/14 10:40
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-6

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			10/23/14 23:22	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 23:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 23:22	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 23:22	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 23:22	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 23:22	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 23:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 23:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 23:22	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 23:22	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 23:22	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 23:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 23:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 23:22	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 23:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 23:22	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 23:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 23:22	1
Acetone	ND		10	3.0	ug/L			10/23/14 23:22	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 23:22	1
Acrolein	ND		20	0.91	ug/L			10/23/14 23:22	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 23:22	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 23:22	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 23:22	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 23:22	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 23:22	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 23:22	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 23:22	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 23:22	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 23:22	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 23:22	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 23:22	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 23:22	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 23:22	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 23:22	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 23:22	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 23:22	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 23:22	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 23:22	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 23:22	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 23:22	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 23:22	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 23:22	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 23:22	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 23:22	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 23:22	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 23:22	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 23:22	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 23:22	1

Client Sample ID: MP-401A

Lab Sample ID: 480-69567-6

Date Collected: 10/15/14 10:40

Matrix: Water

Date Received: 10/17/14 09:00

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			10/23/14 23:22	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 23:22	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 23:22	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 23:22	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 23:22	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 23:22	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 23:22	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 23:22	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 23:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 23:22	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*86 - 118*		*10/23/14 23:22*	*1*
4-Bromofluorobenzene (Surr)	*86*		*86 - 115*		*10/23/14 23:22*	*1*
Toluene-d8 (Surr)	*101*		*88 - 110*		*10/23/14 23:22*	*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	0.0074	ug/L		10/22/14 14:54	10/23/14 13:50	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1221	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1232	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1242	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1248	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1254	ND		0.45	0.23	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1260	ND		0.45	0.23	ug/L		10/23/14 14:32	10/25/14 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*24 - 150*	*10/23/14 14:32*	*10/25/14 06:03*	*1*
DCB Decachlorobiphenyl	*106*		*24 - 150*	*10/23/14 14:32*	*10/25/14 06:03*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.040**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:41	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0023**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:47	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:47	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:47	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:47	1
Selenium, Dissolved	**0.0029**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:47	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-401A

Lab Sample ID: 480-69567-6

Date Collected: 10/15/14 10:40

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:09	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			11/09/14 03:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.80**				SU			10/15/14 10:40	1
Field Conductivity	**1843**				umhos/cm			10/15/14 10:40	1
Field Temperature	**16.7**				Degrees C			10/15/14 10:40	1
Field Turbidity	**0.55**				NTU			10/15/14 10:40	1
Oxidation Reduction Potential	**63.6**				millivolts			10/15/14 10:40	1
Oxygen, Dissolved	**0.00**				mg/L			10/15/14 10:40	1

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-401B
Date Collected: 10/15/14 11:16
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-7
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			10/23/14 23:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 23:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 23:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 23:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 23:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 23:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 23:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 23:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 23:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 23:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 23:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 23:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 23:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 23:46	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 23:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 23:46	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 23:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 23:46	1
Acetone	ND		10	3.0	ug/L			10/23/14 23:46	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 23:46	1
Acrolein	ND		20	0.91	ug/L			10/23/14 23:46	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 23:46	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 23:46	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 23:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 23:46	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 23:46	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 23:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 23:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 23:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 23:46	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 23:46	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 23:46	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 23:46	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 23:46	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 23:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 23:46	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 23:46	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 23:46	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 23:46	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 23:46	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 23:46	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 23:46	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 23:46	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 23:46	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 23:46	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 23:46	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 23:46	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 23:46	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 23:46	1

Client Sample ID: MP-401B

Lab Sample ID: 480-69567-7

Date Collected: 10/15/14 11:16

Matrix: Water

Date Received: 10/17/14 09:00

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			10/23/14 23:46	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 23:46	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 23:46	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 23:46	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 23:46	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 23:46	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 23:46	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 23:46	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 23:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 23:46	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 23:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*86 - 118*		*10/23/14 23:46*	*1*
4-Bromofluorobenzene (Surr)	*88*		*86 - 115*		*10/23/14 23:46*	*1*
Toluene-d8 (Surr)	*100*		*88 - 110*		*10/23/14 23:46*	*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		0.010	0.0075	ug/L		10/22/14 14:54	10/23/14 14:44	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/22/14 14:54	10/23/14 14:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*24 - 150*	*10/23/14 14:32*	*10/25/14 06:48*	*1*
DCB Decachlorobiphenyl	*95*		*24 - 150*	*10/23/14 14:32*	*10/25/14 06:48*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.042**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:43	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0061**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:53	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:53	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:53	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:53	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:53	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-401B

Lab Sample ID: 480-69567-7

Date Collected: 10/15/14 11:16

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.94	J	1.0	0.43	mg/L			11/09/14 04:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.10				SU			10/15/14 11:16	1
Field Conductivity	1363				umhos/cm			10/15/14 11:16	1
Field Temperature	15.3				Degrees C			10/15/14 11:16	1
Field Turbidity	11.3				NTU			10/15/14 11:16	1
Oxidation Reduction Potential	-53.1				millivolts			10/15/14 11:16	1
Oxygen, Dissolved	0.00				mg/L			10/15/14 11:16	1

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: DUPLICATE DMP #2

Lab Sample ID: 480-69567-8

Date Collected: 10/15/14 11:16

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 00:09	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 00:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 00:09	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 00:09	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 00:09	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 00:09	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 00:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 00:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 00:09	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 00:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 00:09	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 00:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 00:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 00:09	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 00:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 00:09	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 00:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 00:09	1
Acetone	ND		10	3.0	ug/L			10/24/14 00:09	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 00:09	1
Acrolein	ND		20	0.91	ug/L			10/24/14 00:09	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 00:09	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 00:09	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 00:09	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 00:09	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 00:09	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 00:09	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 00:09	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 00:09	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 00:09	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 00:09	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 00:09	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 00:09	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 00:09	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 00:09	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 00:09	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 00:09	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 00:09	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 00:09	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 00:09	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 00:09	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 00:09	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 00:09	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 00:09	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 00:09	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 00:09	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 00:09	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 00:09	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 00:09	1

Client Sample ID: DUPLICATE DMP #2

Lab Sample ID: 480-69567-8

Date Collected: 10/15/14 11:16

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 00:09	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 00:09	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 00:09	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 00:09	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 00:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 00:09	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 00:09	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 00:09	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 00:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 00:09	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*86 - 118*		*10/24/14 00:09*	*1*
4-Bromofluorobenzene (Surr)	*88*		*86 - 115*		*10/24/14 00:09*	*1*
Toluene-d8 (Surr)	*100*		*88 - 110*		*10/24/14 00:09*	*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	0.0074	ug/L		10/22/14 14:54	10/23/14 15:12	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 15:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 07:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*24 - 150*	*10/23/14 14:32*	*10/25/14 07:03*	*1*
DCB Decachlorobiphenyl	*95*		*24 - 150*	*10/23/14 14:32*	*10/25/14 07:03*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.042**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:46	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0062**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:58	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:58	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:58	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:58	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:58	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: DUPLICATE DMP #2

Lab Sample ID: 480-69567-8

Date Collected: 10/15/14 11:16

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.87	J	1.0	0.43	mg/L			11/11/14 04:01	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.10				SU			10/15/14 11:16	1
Field Conductivity	1363				umhos/cm			10/15/14 11:16	1
Field Temperature	15.3				Degrees C			10/15/14 11:16	1
Field Turbidity	8.89				NTU			10/15/14 11:16	1
Oxidation Reduction Potential	-53.0				millivolts			10/15/14 11:16	1
Oxygen, Dissolved	0.00				mg/L			10/15/14 11:16	1

Client Sample ID: MP-233R

Lab Sample ID: 480-69567-9

Date Collected: 10/15/14 12:22

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 00:33	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 00:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 00:33	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 00:33	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 00:33	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 00:33	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 00:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 00:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 00:33	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 00:33	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 00:33	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 00:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 00:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 00:33	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 00:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 00:33	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 00:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 00:33	1
Acetone	ND		10	3.0	ug/L			10/24/14 00:33	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 00:33	1
Acrolein	ND		20	0.91	ug/L			10/24/14 00:33	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 00:33	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 00:33	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 00:33	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 00:33	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 00:33	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 00:33	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 00:33	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 00:33	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 00:33	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 00:33	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 00:33	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 00:33	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 00:33	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 00:33	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 00:33	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 00:33	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 00:33	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 00:33	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 00:33	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 00:33	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 00:33	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 00:33	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 00:33	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 00:33	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 00:33	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 00:33	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 00:33	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 00:33	1

Client Sample ID: MP-233R

Lab Sample ID: 480-69567-9

Date Collected: 10/15/14 12:22

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 00:33	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 00:33	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 00:33	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 00:33	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 00:33	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 00:33	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 00:33	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 00:33	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 00:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 00:33	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*86 - 118*		*10/24/14 00:33*	*1*
4-Bromofluorobenzene (Surr)	*88*		*86 - 115*		*10/24/14 00:33*	*1*
Toluene-d8 (Surr)	*101*		*88 - 110*		*10/24/14 00:33*	*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	0.0074	ug/L		10/22/14 14:54	10/23/14 15:40	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 15:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 07:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*24 - 150*	*10/23/14 14:32*	*10/25/14 07:18*	*1*
DCB Decachlorobiphenyl	*96*		*24 - 150*	*10/23/14 14:32*	*10/25/14 07:18*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.41**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:49	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0062**		0.0010	0.000078	mg/L		10/20/14 12:14	12/05/14 14:33	1
Cadmium, Dissolved	**0.00013**	**J**	0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:04	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:04	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:04	1
Selenium, Dissolved	**0.0036**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	12/05/14 14:33	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-233R

Lab Sample ID: 480-69567-9

Date Collected: 10/15/14 12:22

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	**5.3**		1.0	0.43	mg/L			11/11/14 04:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.39**				SU			10/15/14 12:22	1
Field Conductivity	**2132**				umhos/cm			10/15/14 12:22	1
Field Temperature	**15.2**				Degrees C			10/15/14 12:22	1
Field Turbidity	**5.64**				NTU			10/15/14 12:22	1
Oxidation Reduction Potential	**-82.9**				millivolts			10/15/14 12:22	1
Oxygen, Dissolved	**0.00**				mg/L			10/15/14 12:22	1

Client Sample ID: MP-233AR

Lab Sample ID: 480-69567-10

Date Collected: 10/15/14 12:50

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 00:57	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 00:57	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 00:57	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 00:57	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 00:57	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 00:57	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 00:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 00:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 00:57	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 00:57	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 00:57	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 00:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 00:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 00:57	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 00:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 00:57	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 00:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 00:57	1
Acetone	ND		10	3.0	ug/L			10/24/14 00:57	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 00:57	1
Acrolein	ND		20	0.91	ug/L			10/24/14 00:57	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 00:57	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 00:57	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 00:57	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 00:57	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 00:57	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 00:57	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 00:57	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 00:57	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 00:57	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 00:57	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 00:57	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 00:57	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 00:57	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 00:57	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 00:57	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 00:57	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 00:57	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 00:57	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 00:57	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 00:57	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 00:57	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 00:57	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 00:57	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 00:57	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 00:57	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 00:57	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 00:57	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 00:57	1

Client Sample ID: MP-233AR

Lab Sample ID: 480-69567-10

Date Collected: 10/15/14 12:50

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 00:57	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 00:57	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 00:57	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 00:57	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 00:57	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 00:57	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 00:57	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 00:57	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 00:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 00:57	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*86 - 118*		*10/24/14 00:57*	*1*
4-Bromofluorobenzene (Surr)	*89*		*86 - 115*		*10/24/14 00:57*	*1*
Toluene-d8 (Surr)	*103*		*88 - 110*		*10/24/14 00:57*	*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		10/22/14 14:54	10/23/14 16:07	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/22/14 14:54	10/23/14 16:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1221	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1232	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1242	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1248	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1254	ND		0.45	0.22	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1260	ND		0.45	0.22	ug/L		10/23/14 14:32	10/25/14 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*24 - 150*	*10/23/14 14:32*	*10/25/14 07:33*	*1*
DCB Decachlorobiphenyl	*99*		*24 - 150*	*10/23/14 14:32*	*10/25/14 07:33*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.021**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:00	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.012**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:10	1
Cadmium, Dissolved	**0.000076**	**J**	0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:10	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:10	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:10	1
Selenium, Dissolved	**0.00078**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 20:10	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-233AR

Lab Sample ID: 480-69567-10

Date Collected: 10/15/14 12:50
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.7		1.0	0.43	mg/L			11/11/14 06:07	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.11				SU			10/15/14 12:50	1
Field Conductivity	1519				umhos/cm			10/15/14 12:50	1
Field Temperature	15.9				Degrees C			10/15/14 12:50	1
Field Turbidity	7.69				NTU			10/15/14 12:50	1
Oxidation Reduction Potential	13.6				millivolts			10/15/14 12:50	1
Oxygen, Dissolved	1.24				mg/L			10/15/14 12:50	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-234R

Lab Sample ID: 480-69567-11

Date Collected: 10/15/14 13:40
Matrix: Water
Date Received: 10/17/14 09:00

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			10/24/14 15:36	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 15:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 15:36	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 15:36	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 15:36	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 15:36	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 15:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 15:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 15:36	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 15:36	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 15:36	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 15:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 15:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 15:36	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 15:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 15:36	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 15:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 15:36	1
Acetone	ND		10	3.0	ug/L			10/24/14 15:36	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 15:36	1
Acrolein	ND		20	0.91	ug/L			10/24/14 15:36	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 15:36	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 15:36	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 15:36	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 15:36	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 15:36	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 15:36	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 15:36	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 15:36	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 15:36	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 15:36	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 15:36	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 15:36	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 15:36	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 15:36	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 15:36	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 15:36	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 15:36	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 15:36	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 15:36	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 15:36	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 15:36	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 15:36	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 15:36	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 15:36	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 15:36	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 15:36	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 15:36	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 15:36	1

Client Sample ID: MP-234R

Lab Sample ID: 480-69567-11

Date Collected: 10/15/14 13:40
Date Received: 10/17/14 09:00

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			10/24/14 15:36	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 15:36	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 15:36	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 15:36	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 15:36	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 15:36	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 15:36	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 15:36	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 15:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 15:36	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*86 - 118*		*10/24/14 15:36*	*1*
4-Bromofluorobenzene (Surr)	*87*		*86 - 115*		*10/24/14 15:36*	*1*
Toluene-d8 (Surr)	*104*		*88 - 110*		*10/24/14 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	0.0074	ug/L		10/22/14 14:54	10/23/14 16:35	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1221	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1232	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1242	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1248	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1254	ND		0.45	0.22	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1260	ND		0.45	0.22	ug/L		10/23/14 14:32	10/25/14 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*24 - 150*	*10/23/14 14:32*	*10/25/14 07:48*	*1*
DCB Decachlorobiphenyl	*100*		*24 - 150*	*10/23/14 14:32*	*10/25/14 07:48*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.046**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:03	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.010**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:15	1
Cadmium, Dissolved	**0.00021**	**J**	0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:15	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:15	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:15	1
Selenium, Dissolved	**0.0045**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	12/09/14 14:53	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-234R

Lab Sample ID: 480-69567-11

Date Collected: 10/15/14 13:40
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:24	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			11/11/14 09:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.23				SU			10/15/14 13:40	1
Field Conductivity	4707				umhos/cm			10/15/14 13:40	1
Field Temperature	14.5				Degrees C			10/15/14 13:40	1
Field Turbidity	1.78				NTU			10/15/14 13:40	1
Oxidation Reduction Potential	3.8				millivolts			10/15/14 13:40	1
Oxygen, Dissolved	0.17				mg/L			10/15/14 13:40	1

Client Sample ID: MP-234AR

Lab Sample ID: 480-69567-12

Date Collected: 10/15/14 14:24

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 01:44	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 01:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 01:44	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 01:44	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 01:44	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 01:44	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 01:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 01:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 01:44	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 01:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 01:44	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 01:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 01:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 01:44	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 01:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 01:44	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 01:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 01:44	1
Acetone	ND		10	3.0	ug/L			10/24/14 01:44	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 01:44	1
Acrolein	ND		20	0.91	ug/L			10/24/14 01:44	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 01:44	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 01:44	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 01:44	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 01:44	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 01:44	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 01:44	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 01:44	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 01:44	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 01:44	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 01:44	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 01:44	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 01:44	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 01:44	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 01:44	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 01:44	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 01:44	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 01:44	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 01:44	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 01:44	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 01:44	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 01:44	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 01:44	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 01:44	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 01:44	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 01:44	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 01:44	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 01:44	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 01:44	1

Client Sample ID: MP-234AR

Lab Sample ID: 480-69567-12

Date Collected: 10/15/14 14:24

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 01:44	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 01:44	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 01:44	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 01:44	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 01:44	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 01:44	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 01:44	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 01:44	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 01:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 01:44	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*86 - 118*		*10/24/14 01:44*	*1*
4-Bromofluorobenzene (Surr)	*87*		*86 - 115*		*10/24/14 01:44*	*1*
Toluene-d8 (Surr)	*101*		*88 - 110*		*10/24/14 01:44*	*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	0.0074	ug/L		10/23/14 13:41	10/23/14 21:58	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/23/14 21:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 08:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*24 - 150*	*10/23/14 14:32*	*10/25/14 08:03*	*1*
DCB Decachlorobiphenyl	*97*		*24 - 150*	*10/23/14 14:32*	*10/25/14 08:03*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.0095**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:06	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0047**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:20	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:20	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:20	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:20	1
Selenium, Dissolved	**0.00096**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 20:20	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-234AR

Lab Sample ID: 480-69567-12

Date Collected: 10/15/14 14:24
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:26	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			11/09/14 01:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.78				SU			10/15/14 14:24	1
Field Conductivity	2945				umhos/cm			10/15/14 14:24	1
Field Temperature	14.9				Degrees C			10/15/14 14:24	1
Field Turbidity	3.16				NTU			10/15/14 14:24	1
Oxidation Reduction Potential	50.6				millivolts			10/15/14 14:24	1
Oxygen, Dissolved	0.00				mg/L			10/15/14 14:24	1

Client Sample ID: MP-402A

Lab Sample ID: 480-69567-13

Date Collected: 10/15/14 14:45

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 02:07	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 02:07	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 02:07	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 02:07	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 02:07	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 02:07	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 02:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 02:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 02:07	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 02:07	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 02:07	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 02:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 02:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 02:07	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 02:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 02:07	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 02:07	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 02:07	1
Acetone	ND		10	3.0	ug/L			10/24/14 02:07	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 02:07	1
Acrolein	ND		20	0.91	ug/L			10/24/14 02:07	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 02:07	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 02:07	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 02:07	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 02:07	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 02:07	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 02:07	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 02:07	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 02:07	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 02:07	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 02:07	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 02:07	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 02:07	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 02:07	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 02:07	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 02:07	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 02:07	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 02:07	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 02:07	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 02:07	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 02:07	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 02:07	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 02:07	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 02:07	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 02:07	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 02:07	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 02:07	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 02:07	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 02:07	1

Client Sample ID: MP-402A

Lab Sample ID: 480-69567-13

Date Collected: 10/15/14 14:45

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 02:07	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 02:07	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 02:07	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 02:07	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 02:07	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 02:07	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 02:07	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 02:07	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 02:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 02:07	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*86 - 118*		*10/24/14 02:07*	*1*
4-Bromofluorobenzene (Surr)	*90*		*86 - 115*		*10/24/14 02:07*	*1*
Toluene-d8 (Surr)	*102*		*88 - 110*		*10/24/14 02:07*	*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		0.010	0.0074	ug/L		10/23/14 13:41	10/23/14 22:58	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/23/14 22:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1221	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1232	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1242	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1248	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1254	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1260	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 08:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*24 - 150*	*10/23/14 14:32*	*10/25/14 08:18*	*1*
DCB Decachlorobiphenyl	*94*		*24 - 150*	*10/23/14 14:32*	*10/25/14 08:18*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.011**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:08	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.017**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:26	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:26	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:26	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:26	1
Selenium, Dissolved	**0.00075**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 20:26	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-402A

Lab Sample ID: 480-69567-13

Date Collected: 10/15/14 14:45
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:27	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			11/09/14 02:52	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.77**				SU			10/15/14 14:45	1
Field Conductivity	**3205**				umhos/cm			10/15/14 14:45	1
Field Temperature	**15.7**				Degrees C			10/15/14 14:45	1
Field Turbidity	**3.18**				NTU			10/15/14 14:45	1
Oxidation Reduction Potential	**-44.0**				millivolts			10/15/14 14:45	1
Oxygen, Dissolved	**0.11**				mg/L			10/15/14 14:45	1

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-274
Date Collected: 10/15/14 10:05
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-14
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			10/24/14 02:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 02:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 02:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 02:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 02:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 02:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 02:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 02:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 02:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 02:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 02:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 02:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 02:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 02:32	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 02:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 02:32	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 02:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 02:32	1
Acetone	ND		10	3.0	ug/L			10/24/14 02:32	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 02:32	1
Acrolein	ND		20	0.91	ug/L			10/24/14 02:32	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 02:32	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 02:32	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 02:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 02:32	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 02:32	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 02:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 02:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 02:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 02:32	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 02:32	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 02:32	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 02:32	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 02:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 02:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 02:32	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 02:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 02:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 02:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 02:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 02:32	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 02:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 02:32	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 02:32	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 02:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 02:32	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 02:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 02:32	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 02:32	1

Client Sample ID: MP-274

Date Collected: 10/15/14 10:05
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-14

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			10/24/14 02:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 02:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 02:32	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 02:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 02:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 02:32	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 02:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 02:32	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 02:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 02:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*86 - 118*		*10/24/14 02:32*	*1*
4-Bromofluorobenzene (Surr)	*86*		*86 - 115*		*10/24/14 02:32*	*1*
Toluene-d8 (Surr)	*98*		*88 - 110*		*10/24/14 02:32*	*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	0.0074	ug/L		10/23/14 13:41	10/23/14 23:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/23/14 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1221	ND		0.47	0.17	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1232	ND		0.47	0.17	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1242	ND		0.47	0.17	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1248	ND		0.47	0.17	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1254	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1260	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*24 - 150*	*10/23/14 14:32*	*10/25/14 08:32*	*1*
DCB Decachlorobiphenyl	*93*		*24 - 150*	*10/23/14 14:32*	*10/25/14 08:32*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.40**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:11	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0033**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:31	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:31	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:31	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:31	1
Selenium, Dissolved	**0.0047**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 20:31	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-274

Lab Sample ID: 480-69567-14

Date Collected: 10/15/14 10:05

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.6		1.0	0.43	mg/L			11/11/14 09:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.52				SU			10/15/14 10:05	1
Field Conductivity	1369				umhos/cm			10/15/14 10:05	1
Field Temperature	14.2				Degrees C			10/15/14 10:05	1
Field Turbidity	4.05				NTU			10/15/14 10:05	1
Oxidation Reduction Potential	-78.2				millivolts			10/15/14 10:05	1
Oxygen, Dissolved	0.11				mg/L			10/15/14 10:05	1

Client Sample ID: MP-274A

Lab Sample ID: 480-69567-15

Date Collected: 10/15/14 10:50

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 16:00	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 16:00	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 16:00	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 16:00	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 16:00	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 16:00	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 16:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 16:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 16:00	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 16:00	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 16:00	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 16:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 16:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 16:00	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 16:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 16:00	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 16:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 16:00	1
Acetone	ND		10	3.0	ug/L			10/24/14 16:00	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 16:00	1
Acrolein	ND		20	0.91	ug/L			10/24/14 16:00	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 16:00	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 16:00	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 16:00	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 16:00	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 16:00	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 16:00	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 16:00	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 16:00	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 16:00	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 16:00	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 16:00	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 16:00	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 16:00	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 16:00	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 16:00	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 16:00	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 16:00	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 16:00	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 16:00	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 16:00	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 16:00	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 16:00	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 16:00	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 16:00	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 16:00	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 16:00	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 16:00	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 16:00	1

Client Sample ID: MP-274A

Lab Sample ID: 480-69567-15

Date Collected: 10/15/14 10:50

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 16:00	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 16:00	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 16:00	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 16:00	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 16:00	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 16:00	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 16:00	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 16:00	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 16:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 16:00	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*86 - 118*		*10/24/14 16:00*	*1*
4-Bromofluorobenzene (Surr)	*90*		*86 - 115*		*10/24/14 16:00*	*1*
Toluene-d8 (Surr)	*101*		*88 - 110*		*10/24/14 16:00*	*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		0.010	0.0074	ug/L		10/23/14 13:41	10/23/14 23:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/23/14 23:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*24 - 150*	*10/23/14 14:32*	*10/25/14 08:47*	*1*
DCB Decachlorobiphenyl	*102*		*24 - 150*	*10/23/14 14:32*	*10/25/14 08:47*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.025**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:14	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.089**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:56	1
Cadmium, Dissolved	**0.000089**	**J**	0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:56	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:56	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:56	1
Selenium, Dissolved	**0.00051**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 20:56	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-274A

Lab Sample ID: 480-69567-15

Date Collected: 10/15/14 10:50
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:34	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			11/11/14 10:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**6.96**				SU			10/15/14 10:50	1
Field Conductivity	**1741**				umhos/cm			10/15/14 10:50	1
Field Temperature	**14.0**				Degrees C			10/15/14 10:50	1
Field Turbidity	**19.4**				NTU			10/15/14 10:50	1
Oxidation Reduction Potential	**-45.4**				millivolts			10/15/14 10:50	1
Oxygen, Dissolved	**0.01**				mg/L			10/15/14 10:50	1

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-69567-16

Date Collected: 10/15/14 10:50

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 16:24	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 16:24	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 16:24	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 16:24	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 16:24	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 16:24	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 16:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 16:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 16:24	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 16:24	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 16:24	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 16:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 16:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 16:24	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 16:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 16:24	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 16:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 16:24	1
Acetone	ND		10	3.0	ug/L			10/24/14 16:24	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 16:24	1
Acrolein	ND		20	0.91	ug/L			10/24/14 16:24	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 16:24	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 16:24	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 16:24	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 16:24	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 16:24	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 16:24	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 16:24	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 16:24	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 16:24	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 16:24	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 16:24	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 16:24	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 16:24	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 16:24	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 16:24	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 16:24	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 16:24	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 16:24	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 16:24	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 16:24	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 16:24	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 16:24	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 16:24	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 16:24	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 16:24	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 16:24	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 16:24	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 16:24	1

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-69567-16

Date Collected: 10/15/14 10:50

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 16:24	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 16:24	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 16:24	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 16:24	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 16:24	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 16:24	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 16:24	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 16:24	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 16:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 16:24	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*86 - 118*		*10/24/14 16:24*	*1*
4-Bromofluorobenzene (Surr)	*86*		*86 - 115*		*10/24/14 16:24*	*1*
Toluene-d8 (Surr)	*99*		*88 - 110*		*10/24/14 16:24*	*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	0.0074	ug/L		10/23/14 13:41	10/24/14 00:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 00:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 09:02	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 09:02	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 09:02	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 09:02	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 09:02	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 09:02	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*24 - 150*	*10/23/14 14:32*	*10/25/14 09:02*	*1*
DCB Decachlorobiphenyl	*100*		*24 - 150*	*10/23/14 14:32*	*10/25/14 09:02*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.024**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:17	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.086**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 21:01	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 21:01	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 21:01	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 21:01	1
Selenium, Dissolved	**0.00062**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 21:01	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-69567-16

Date Collected: 10/15/14 10:50
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:36	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			11/11/14 10:41	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.96				SU			10/15/14 10:50	1
Field Conductivity	1741				umhos/cm			10/15/14 10:50	1
Field Temperature	14.0				Degrees C			10/15/14 10:50	1
Field Turbidity	18.9				NTU			10/15/14 10:50	1
Oxidation Reduction Potential	-45.4				millivolts			10/15/14 10:50	1
Oxygen, Dissolved	0.01				mg/L			10/15/14 10:50	1

Client Sample ID: MP-281
Date Collected: 10/15/14 08:40
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-17
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			10/27/14 17:34	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:34	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:34	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:34	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:34	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:34	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:34	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 17:34	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:34	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:34	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:34	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:34	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:34	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:34	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:34	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:34	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:34	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:34	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:34	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:34	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:34	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:34	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:34	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:34	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:34	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:34	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:34	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:34	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:34	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:34	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:34	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:34	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:34	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:34	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:34	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:34	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:34	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:34	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:34	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:34	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:34	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:34	1

Client Sample ID: MP-281

Date Collected: 10/15/14 08:40
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-17

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			10/27/14 17:34	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:34	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:34	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:34	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:34	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:34	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:34	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:34	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:34	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*86 - 118*		*10/27/14 17:34*	*1*
4-Bromofluorobenzene (Surr)	*106*		*86 - 115*		*10/27/14 17:34*	*1*
Toluene-d8 (Surr)	*93*		*88 - 110*		*10/27/14 17:34*	*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	0.0074	ug/L		10/23/14 13:41	10/24/14 00:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 00:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1221	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1232	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1242	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1248	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1254	ND		0.48	0.24	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1260	ND		0.48	0.24	ug/L		10/23/14 14:32	10/25/14 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*24 - 150*	*10/23/14 14:32*	*10/25/14 09:47*	*1*
DCB Decachlorobiphenyl	*97*		*24 - 150*	*10/23/14 14:32*	*10/25/14 09:47*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.26**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:20	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0032**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 21:07	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 21:07	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 21:07	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 21:07	1
Selenium, Dissolved	**0.0053**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 21:07	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-281

Date Collected: 10/15/14 08:40
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-17

Matrix: Water

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.0		1.0	0.43	mg/L			11/11/14 11:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.23				SU			10/15/14 08:40	1
Field Conductivity	1735				umhos/cm			10/15/14 08:40	1
Field Temperature	14.2				Degrees C			10/15/14 08:40	1
Field Turbidity	2.14				NTU			10/15/14 08:40	1
Oxidation Reduction Potential	-84.4				millivolts			10/15/14 08:40	1
Oxygen, Dissolved	0.06				mg/L			10/15/14 08:40	1

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-281C

Lab Sample ID: 480-69567-18

Date Collected: 10/15/14 09:15
Matrix: Water
Date Received: 10/17/14 09:00

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			10/24/14 17:12	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 17:12	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 17:12	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 17:12	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 17:12	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 17:12	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 17:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 17:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 17:12	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 17:12	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 17:12	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 17:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 17:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 17:12	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 17:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 17:12	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 17:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 17:12	1
Acetone	ND		10	3.0	ug/L			10/24/14 17:12	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 17:12	1
Acrolein	ND		20	0.91	ug/L			10/24/14 17:12	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 17:12	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 17:12	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 17:12	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 17:12	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 17:12	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 17:12	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 17:12	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 17:12	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 17:12	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 17:12	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 17:12	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 17:12	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 17:12	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 17:12	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 17:12	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 17:12	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 17:12	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 17:12	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 17:12	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 17:12	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 17:12	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 17:12	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 17:12	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 17:12	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 17:12	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 17:12	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 17:12	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 17:12	1

Client Sample ID: MP-281C

Lab Sample ID: 480-69567-18

Date Collected: 10/15/14 09:15

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 17:12	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 17:12	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 17:12	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 17:12	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 17:12	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 17:12	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 17:12	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 17:12	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 17:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 17:12	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*86 - 118*		*10/24/14 17:12*	*1*
4-Bromofluorobenzene (Surr)	*86*		*86 - 115*		*10/24/14 17:12*	*1*
Toluene-d8 (Surr)	*98*		*88 - 110*		*10/24/14 17:12*	*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	0.0074	ug/L		10/23/14 13:41	10/23/14 21:28	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/23/14 21:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1221	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1232	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1242	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1248	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1254	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1260	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*24 - 150*	*10/23/14 14:32*	*10/25/14 10:02*	*1*
DCB Decachlorobiphenyl	*103*		*24 - 150*	*10/23/14 14:32*	*10/25/14 10:02*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.049**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:22	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0047**		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 21:12	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 21:12	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 21:12	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 21:12	1
Selenium, Dissolved	**0.00080**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 21:12	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-281C

Lab Sample ID: 480-69567-18

Date Collected: 10/15/14 09:15
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:39	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			11/08/14 19:29	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.12**				SU			10/15/14 09:15	1
Field Conductivity	**1388**				umhos/cm			10/15/14 09:15	1
Field Temperature	**14.0**				Degrees C			10/15/14 09:15	1
Field Turbidity	**0.91**				NTU			10/15/14 09:15	1
Oxidation Reduction Potential	**-59.7**				millivolts			10/15/14 09:15	1
Oxygen, Dissolved	**0.09**				mg/L			10/15/14 09:15	1

Client Sample ID: MP-404A

Lab Sample ID: 480-69567-19

Date Collected: 10/15/14 12:40

Matrix: Water

Date Received: 10/17/14 09:00

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			10/27/14 17:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 17:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:59	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:59	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:59	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:59	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:59	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:59	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:59	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:59	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:59	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:59	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:59	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:59	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:59	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:59	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:59	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:59	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:59	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:59	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:59	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:59	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:59	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:59	1

Client Sample ID: MP-404A

Date Collected: 10/15/14 12:40
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-19

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			10/27/14 17:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:59	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:59	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:59	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:59	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*86 - 118*		*10/27/14 17:59*	*1*
4-Bromofluorobenzene (Surr)	*105*		*86 - 115*		*10/27/14 17:59*	*1*
Toluene-d8 (Surr)	*94*		*88 - 110*		*10/27/14 17:59*	*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		10/23/14 13:41	10/24/14 01:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/23/14 13:41	10/24/14 01:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*24 - 150*	*10/23/14 14:32*	*10/25/14 10:16*	*1*
DCB Decachlorobiphenyl	*105*		*24 - 150*	*10/23/14 14:32*	*10/25/14 10:16*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.048**		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:44	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00059**	**J**	0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 21:40	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 21:40	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 21:40	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 21:40	1
Selenium, Dissolved	**0.00070**	**J**	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 21:40	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-404A

Lab Sample ID: 480-69567-19

Date Collected: 10/15/14 12:40
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:45	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			11/12/14 06:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.29				SU			10/15/14 12:40	1
Field Conductivity	1271				umhos/cm			10/15/14 12:40	1
Field Temperature	16.7				Degrees C			10/15/14 12:40	1
Field Turbidity	2.59				NTU			10/15/14 12:40	1
Oxidation Reduction Potential	31.4				millivolts			10/15/14 12:40	1
Oxygen, Dissolved	1.05				mg/L			10/15/14 12:40	1

Client Sample ID: FIELD BLANK DMP

Lab Sample ID: 480-69567-20

Date Collected: 10/15/14 11:45

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 17:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 17:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 17:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 17:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 17:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 17:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 17:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 17:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 17:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 17:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 17:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 17:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 17:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 17:59	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 17:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 17:59	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 17:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 17:59	1
Acetone	ND		10	3.0	ug/L			10/24/14 17:59	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 17:59	1
Acrolein	ND		20	0.91	ug/L			10/24/14 17:59	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 17:59	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 17:59	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 17:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 17:59	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 17:59	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 17:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 17:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 17:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 17:59	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 17:59	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 17:59	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 17:59	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 17:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 17:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 17:59	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 17:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 17:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 17:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 17:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 17:59	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 17:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 17:59	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 17:59	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 17:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 17:59	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 17:59	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 17:59	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 17:59	1

Client Sample ID: FIELD BLANK DMP

Lab Sample ID: 480-69567-20

Date Collected: 10/15/14 11:45

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 17:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 17:59	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 17:59	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 17:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 17:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 17:59	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 17:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 17:59	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 17:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 17:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*86 - 118*		*10/24/14 17:59*	*1*
4-Bromofluorobenzene (Surr)	*87*		*86 - 115*		*10/24/14 17:59*	*1*
Toluene-d8 (Surr)	*100*		*88 - 110*		*10/24/14 17:59*	*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	0.0074	ug/L		10/23/14 13:41	10/24/14 02:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 02:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*24 - 150*	*10/23/14 14:32*	*10/25/14 10:31*	*1*
DCB Decachlorobiphenyl	*94*		*24 - 150*	*10/23/14 14:32*	*10/25/14 10:31*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	ND		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:47	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 21:46	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 21:46	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 21:46	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 21:46	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 21:46	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: FIELD BLANK DMP

Lab Sample ID: 480-69567-20

Date Collected: 10/15/14 11:45
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.93	J	1.0	0.43	mg/L			11/12/14 16:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.06				SU			10/15/14 11:45	1
Field Conductivity	327				umhos/cm			10/15/14 11:45	1
Field Temperature	15.8				Degrees C			10/15/14 11:45	1
Field Turbidity	0.89				NTU			10/15/14 11:45	1
Oxidation Reduction Potential	56.8				millivolts			10/15/14 11:45	1
Oxygen, Dissolved	6.71				mg/L			10/15/14 11:45	1

Client Sample ID: MP-213A

Lab Sample ID: 480-69567-21

Date Collected: 10/15/14 12:10

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 18:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 18:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 18:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 18:23	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 18:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 18:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 18:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 18:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 18:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 18:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 18:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 18:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 18:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 18:23	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 18:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 18:23	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 18:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 18:23	1
Acetone	ND		10	3.0	ug/L			10/24/14 18:23	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 18:23	1
Acrolein	ND		20	0.91	ug/L			10/24/14 18:23	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 18:23	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 18:23	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 18:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 18:23	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 18:23	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 18:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 18:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 18:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 18:23	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 18:23	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 18:23	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 18:23	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 18:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 18:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 18:23	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 18:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 18:23	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 18:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 18:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 18:23	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 18:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 18:23	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 18:23	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 18:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 18:23	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 18:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 18:23	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 18:23	1

Client Sample ID: MP-213A

Lab Sample ID: 480-69567-21

Date Collected: 10/15/14 12:10

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 18:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 18:23	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 18:23	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 18:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 18:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 18:23	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 18:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 18:23	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 18:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 18:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*86 - 118*		*10/24/14 18:23*	*1*
4-Bromofluorobenzene (Surr)	*88*		*86 - 115*		*10/24/14 18:23*	*1*
Toluene-d8 (Surr)	*99*		*88 - 110*		*10/24/14 18:23*	*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		0.010	0.0074	ug/L		10/23/14 13:41	10/24/14 02:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 02:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1221	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1232	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1242	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1248	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1254	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1260	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*24 - 150*	*10/25/14 08:13*	*10/28/14 14:14*	*1*
DCB Decachlorobiphenyl	*70*		*24 - 150*	*10/25/14 08:13*	*10/28/14 14:14*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.026**		0.0020	0.00070	mg/L		10/20/14 12:10	10/21/14 14:42	1
Chromium, Dissolved	**0.0015**	**J**	0.0050	0.0010	mg/L		10/20/14 12:10	10/21/14 14:42	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	0.000078	mg/L		10/21/14 12:14	10/22/14 04:35	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 12:14	10/22/14 04:35	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 12:14	10/22/14 04:35	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 12:14	10/22/14 04:35	1
Selenium, Dissolved	**0.00086**	**J**	0.015	0.00044	mg/L		10/21/14 12:14	10/23/14 15:07	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-213A

Lab Sample ID: 480-69567-21

Date Collected: 10/15/14 12:10

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:49	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			11/11/14 08:25	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.53				SU			10/15/14 12:10	1
Field Conductivity	3585				umhos/cm			10/15/14 12:10	1
Field Temperature	13.8				Degrees C			10/15/14 12:10	1
Field Turbidity	4.30				NTU			10/15/14 12:10	1
Oxidation Reduction Potential	15.2				millivolts			10/15/14 12:10	1
Oxygen, Dissolved	0.04				mg/L			10/15/14 12:10	1

Client Sample ID: MP-238R

Lab Sample ID: 480-69567-22

Date Collected: 10/15/14 13:01

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 18:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 18:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 18:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 18:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 18:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 18:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 18:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 18:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 18:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 18:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 18:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 18:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 18:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 18:46	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 18:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 18:46	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 18:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 18:46	1
Acetone	ND		10	3.0	ug/L			10/24/14 18:46	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 18:46	1
Acrolein	ND		20	0.91	ug/L			10/24/14 18:46	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 18:46	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 18:46	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 18:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 18:46	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 18:46	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 18:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 18:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 18:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 18:46	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 18:46	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 18:46	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 18:46	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 18:46	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 18:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 18:46	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 18:46	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 18:46	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 18:46	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 18:46	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 18:46	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 18:46	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 18:46	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 18:46	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 18:46	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 18:46	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 18:46	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 18:46	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 18:46	1

Client Sample ID: MP-238R

Lab Sample ID: 480-69567-22

Date Collected: 10/15/14 13:01

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 18:46	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 18:46	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 18:46	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 18:46	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 18:46	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 18:46	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 18:46	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 18:46	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 18:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 18:46	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*86 - 118*		*10/24/14 18:46*	*1*
4-Bromofluorobenzene (Surr)	*87*		*86 - 115*		*10/24/14 18:46*	*1*
Toluene-d8 (Surr)	*100*		*88 - 110*		*10/24/14 18:46*	*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		0.010	0.0074	ug/L		10/23/14 13:41	10/24/14 03:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 03:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1221	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1232	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1242	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1248	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1254	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1260	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*24 - 150*	*10/25/14 08:13*	*10/28/14 14:33*	*1*
DCB Decachlorobiphenyl	*69*		*24 - 150*	*10/25/14 08:13*	*10/28/14 14:33*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.044**		0.0020	0.00070	mg/L		10/20/14 12:10	10/21/14 14:57	1
Chromium, Dissolved	**0.0011**	**J**	0.0050	0.0010	mg/L		10/20/14 12:10	10/21/14 14:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00052**	**J**	0.0010	0.000078	mg/L		10/21/14 12:14	10/22/14 04:40	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 12:14	10/22/14 04:40	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 12:14	10/23/14 15:13	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 12:14	10/22/14 04:40	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/21/14 12:14	10/23/14 15:13	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-238R

Lab Sample ID: 480-69567-22

Date Collected: 10/15/14 13:01
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:54	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			11/12/14 15:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.54				SU			10/15/14 13:01	1
Field Conductivity	1025				umhos/cm			10/15/14 13:01	1
Field Temperature	16.0				Degrees C			10/15/14 13:01	1
Field Turbidity	6.85				NTU			10/15/14 13:01	1
Oxidation Reduction Potential	19.5				millivolts			10/15/14 13:01	1
Oxygen, Dissolved	0.48				mg/L			10/15/14 13:01	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-403A

Lab Sample ID: 480-69567-23

Date Collected: 10/15/14 13:28
Matrix: Water
Date Received: 10/17/14 09:00

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			10/24/14 19:10	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 19:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 19:10	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 19:10	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 19:10	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 19:10	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 19:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 19:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 19:10	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 19:10	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 19:10	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 19:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 19:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 19:10	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 19:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 19:10	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 19:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 19:10	1
Acetone	ND		10	3.0	ug/L			10/24/14 19:10	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 19:10	1
Acrolein	ND		20	0.91	ug/L			10/24/14 19:10	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 19:10	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 19:10	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 19:10	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 19:10	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 19:10	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 19:10	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 19:10	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 19:10	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 19:10	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 19:10	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 19:10	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 19:10	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 19:10	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 19:10	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 19:10	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 19:10	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 19:10	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 19:10	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 19:10	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 19:10	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 19:10	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 19:10	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 19:10	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 19:10	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 19:10	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 19:10	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 19:10	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 19:10	1

Client Sample ID: MP-403A

Date Collected: 10/15/14 13:28
Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-23

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			10/24/14 19:10	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 19:10	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 19:10	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 19:10	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 19:10	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 19:10	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 19:10	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 19:10	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 19:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 19:10	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*86 - 118*		*10/24/14 19:10*	*1*
4-Bromofluorobenzene (Surr)	*86*		*86 - 115*		*10/24/14 19:10*	*1*
Toluene-d8 (Surr)	*98*		*88 - 110*		*10/24/14 19:10*	*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		0.010	0.0075	ug/L		10/23/14 13:41	10/24/14 03:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/23/14 13:41	10/24/14 03:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1221	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1232	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1242	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1248	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1254	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1260	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*24 - 150*	*10/25/14 08:13*	*10/28/14 14:52*	*1*
DCB Decachlorobiphenyl	*73*		*24 - 150*	*10/25/14 08:13*	*10/28/14 14:52*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.016**		0.0020	0.00070	mg/L		10/20/14 12:10	10/21/14 15:00	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 12:10	10/21/14 15:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.00078**	**J**	0.0010	0.000078	mg/L		10/21/14 12:14	10/22/14 05:08	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 12:14	10/23/14 15:43	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 12:14	10/22/14 05:08	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 12:14	10/22/14 05:08	1
Selenium, Dissolved	**0.00065**	**J**	0.015	0.00044	mg/L		10/21/14 12:14	10/23/14 15:43	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-403A

Lab Sample ID: 480-69567-23

Date Collected: 10/15/14 13:28
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.2		1.0	0.43	mg/L			11/11/14 11:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.99				SU			10/15/14 13:28	1
Field Conductivity	2990				umhos/cm			10/15/14 13:28	1
Field Temperature	16.4				Degrees C			10/15/14 13:28	1
Field Turbidity	39.6				NTU			10/15/14 13:28	1
Oxidation Reduction Potential	28.1				millivolts			10/15/14 13:28	1
Oxygen, Dissolved	3.13				mg/L			10/15/14 13:28	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-214BR

Lab Sample ID: 480-69567-24

Date Collected: 10/15/14 14:06
Matrix: Water
Date Received: 10/17/14 09:00

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			10/24/14 19:34	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 19:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 19:34	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 19:34	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 19:34	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 19:34	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 19:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 19:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 19:34	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 19:34	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 19:34	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 19:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 19:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 19:34	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 19:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 19:34	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 19:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 19:34	1
Acetone	ND		10	3.0	ug/L			10/24/14 19:34	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 19:34	1
Acrolein	ND		20	0.91	ug/L			10/24/14 19:34	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 19:34	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 19:34	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 19:34	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 19:34	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 19:34	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 19:34	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 19:34	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 19:34	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 19:34	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 19:34	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 19:34	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 19:34	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 19:34	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 19:34	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 19:34	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 19:34	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 19:34	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 19:34	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 19:34	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 19:34	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 19:34	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 19:34	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 19:34	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 19:34	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 19:34	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 19:34	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 19:34	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 19:34	1

Client Sample ID: MP-214BR

Lab Sample ID: 480-69567-24

Date Collected: 10/15/14 14:06

Matrix: Water

Date Received: 10/17/14 09:00

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			10/24/14 19:34	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 19:34	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 19:34	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 19:34	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 19:34	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 19:34	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 19:34	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 19:34	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 19:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 19:34	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*86 - 118*		*10/24/14 19:34*	*1*
4-Bromofluorobenzene (Surr)	*86*		*86 - 115*		*10/24/14 19:34*	*1*
Toluene-d8 (Surr)	*100*		*88 - 110*		*10/24/14 19:34*	*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	0.0074	ug/L		10/23/14 13:41	10/24/14 04:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 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		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1221	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1232	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1242	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1248	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1254	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1260	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*24 - 150*	*10/25/14 08:13*	*10/28/14 15:11*	*1*
DCB Decachlorobiphenyl	*75*		*24 - 150*	*10/25/14 08:13*	*10/28/14 15:11*	*1*

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	**0.0080**		0.0020	0.00070	mg/L		10/20/14 12:10	10/21/14 15:11	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 12:10	10/21/14 15:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	**0.0094**		0.0010	0.000078	mg/L		10/21/14 12:14	10/22/14 05:32	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 12:14	10/23/14 15:49	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 12:14	10/22/14 05:32	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 12:14	10/22/14 05:32	1
Selenium, Dissolved	**0.00094**	**J**	0.015	0.00044	mg/L		10/21/14 12:14	10/23/14 15:49	1

Client Sample Results

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-214BR

Lab Sample ID: 480-69567-24

Date Collected: 10/15/14 14:06
Matrix: Water
Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:57	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			11/12/14 16:05	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.01				SU			10/15/14 14:06	1
Field Conductivity	3564				umhos/cm			10/15/14 14:06	1
Field Temperature	14.1				Degrees C			10/15/14 14:06	1
Field Turbidity	89.6				NTU			10/15/14 14:06	1
Oxidation Reduction Potential	5.2				millivolts			10/15/14 14:06	1
Oxygen, Dissolved	1.99				mg/L			10/15/14 14:06	1

Surrogate Summary

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

TestAmerica Job ID: 480-69451-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(86-118)	(86-115)	(88-110)
480-69451-1	MP-210AR	109	106	96
480-69451-2	MP-406C	108	105	94
480-69451-3	MP-409	110	105	94
480-69451-4	MP-280	110	105	94
480-69451-5	MP-280A	106	103	92
480-69451-6	MP-407	110	107	96
480-69451-7	MP-405A	111	106	95
480-69451-8	MP-231AR	110	107	94
480-69451-9	MP-251A	111	107	95
480-69451-10	MP-404	112	106	95
480-69451-11	MP-227R	98	94	97
480-69451-12	MP-228AR	97	94	97
480-69451-13	DUPLICATE-DMP #1	97	95	100
480-69451-14	MP-230A	95	94	97
480-69451-15	MP-232A	98	94	98
480-69451-16	MP-211BR	113	107	96
480-69451-17 - DL	MP-408	98	94	98
480-69451-17	MP-408	98	98	97
480-69451-18	MP-206AR	97	95	99
480-69451-19	MP-277A	97	95	97
480-69451-20	MP-279	110	105	110
480-69451-21	TRIP BLANK	97	95	100
480-69451-22	MP-244R	97	94	99
480-69451-23	MP-244ARR	97	94	99
480-69451-24	MP-250	98	94	97
480-69451-25	MP-250A	97	93	96
480-69451-26	MP-286C	97	93	98
480-69567-1	MP-241R	106	92	104
480-69567-2	MP-235CR	101	87	98
480-69567-3	MP-235BR	98	88	98
480-69567-4	MP-235R	104	87	99
480-69567-5	MP-237	104	91	100
480-69567-6	MP-401A	105	86	101
480-69567-7	MP-401B	106	88	100
480-69567-8	DUPLICATE DMP #2	104	88	100
480-69567-9	MP-233R	105	88	101
480-69567-10	MP-233AR	107	89	103
480-69567-11	MP-234R	106	87	104
480-69567-12	MP-234AR	107	87	101
480-69567-13	MP-402A	105	90	102
480-69567-14	MP-274	105	86	98
480-69567-15	MP-274A	103	90	101
480-69567-16	DUPLICATE DMP #3	106	86	99
480-69567-17	MP-281	109	106	93
480-69567-18	MP-281C	104	86	98
480-69567-18MS	MP-281C	95	92	104
480-69567-18MSD	MP-281C	94	90	100
480-69567-19	MP-404A	111	105	94
480-69567-20	FIELD BLANK DMP	105	87	100

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	12DCE (86-118)	BFB (86-115)	TOL (88-110)
480-69567-21	MP-213A	106	88	99
480-69567-22	MP-238R	103	87	100
480-69567-23	MP-403A	104	86	98
480-69567-24	MP-214BR	104	86	100
LCS 480-209694/4	Lab Control Sample	96	93	103
LCS 480-209781/4	Lab Control Sample	97	94	105
LCS 480-210131/4	Lab Control Sample	100	103	94
LCS 480-210181/6	Lab Control Sample	99	95	98
LCS 480-211255/5	Lab Control Sample	104	101	98
LCSD 480-211255/6	Lab Control Sample Dup	108	103	98
MB 480-209694/6	Method Blank	99	90	101
MB 480-209781/6	Method Blank	101	92	101
MB 480-210131/7	Method Blank	105	104	96
MB 480-210181/8	Method Blank	97	95	99
MB 480-211255/8	Method Blank	97	100	96

Surrogate Legend

12DCE = 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	TCX2 (24-150)	DCB2 (24-150)
480-69451-1	MP-210AR	81	91
480-69451-2	MP-406C	84	88
480-69451-3	MP-409	86	83
480-69451-4	MP-280	76	81
480-69451-5	MP-280A	84	82
480-69451-6	MP-407	83	86
480-69451-7	MP-405A	83	86
480-69451-8	MP-231AR	81	92
480-69451-9	MP-251A	83	92
480-69451-10	MP-404	82	87
480-69451-11	MP-227R	83	93
480-69451-12	MP-228AR	83	84
480-69451-13	DUPLICATE-DMP #1	81	84
480-69451-14	MP-230A	77	85
480-69451-15	MP-232A	84	88
480-69451-16	MP-211BR	84	88
480-69451-17	MP-408	81	75
480-69451-18	MP-206AR	77	91
480-69451-19	MP-277A	78	91
480-69451-20	MP-279	78	94
480-69451-22	MP-244R	86	97
480-69451-23	MP-244ARR	80	86

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

Matrix: Water **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	TCX2 (24-150)	DCB2 (24-150)
480-69451-24	MP-250	84	92
480-69451-25	MP-250A	82	97
480-69451-26	MP-286C	78	92
480-69567-1	MP-241R	80	105
480-69567-2	MP-235CR	78	97
480-69567-3	MP-235BR	76	98
480-69567-4	MP-235R	81	104
480-69567-5	MP-237	81	106
480-69567-6	MP-401A	78	106
480-69567-7	MP-401B	73	95
480-69567-8	DUPLICATE DMP #2	73	95
480-69567-9	MP-233R	71	96
480-69567-10	MP-233AR	78	99
480-69567-11	MP-234R	83	100
480-69567-12	MP-234AR	74	97
480-69567-13	MP-402A	75	94
480-69567-14	MP-274	73	93
480-69567-15	MP-274A	79	102
480-69567-16	DUPLICATE DMP #3	80	100
480-69567-17	MP-281	72	97
480-69567-18	MP-281C	85	103
480-69567-18MS	MP-281C	67	86
480-69567-18MSD	MP-281C	81	100
480-69567-19	MP-404A	91	105
480-69567-20	FIELD BLANK DMP	75	94
LCS 480-208563/2-A	Lab Control Sample	82	68
LCS 480-208570/2-A	Lab Control Sample	79	71
LCS 480-209639/2-A	Lab Control Sample	64	84
LCSD 480-208563/3-A	Lab Control Sample Dup	82	66
LCSD 480-208570/3-A	Lab Control Sample Dup	82	71
MB 480-208563/1-A	Method Blank	70	65
MB 480-208570/1-A	Method Blank	74	69
MB 480-209639/1-A	Method Blank	84	108

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

Matrix: Water **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	TCX1 (24-150)	DCB1 (24-150)
480-69567-21	MP-213A	91	70
480-69567-22	MP-238R	80	69
480-69567-23	MP-403A	81	73
480-69567-24	MP-214BR	84	75
LCS 480-210024/2-A	Lab Control Sample	90	62

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Summary

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

TestAmerica Job ID: 480-69451-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TCX1	DCB1						
Lab Sample ID	**Client Sample ID**	**(24-150)**	**(24-150)**						
LCSD 480-210024/3-A	Lab Control Sample Dup	88	59						
MB 480-210024/1-A	Method Blank	75	48						

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

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

Lab Sample ID: MB 480-209694/6
Matrix: Water
Analysis Batch: 209694

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			10/23/14 20:51	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 20:51	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 20:51	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 20:51	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 20:51	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 20:51	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 20:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 20:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 20:51	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 20:51	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 20:51	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 20:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 20:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 20:51	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 20:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 20:51	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 20:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 20:51	1
Acetone	ND		10	3.0	ug/L			10/23/14 20:51	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 20:51	1
Acrolein	ND		20	0.91	ug/L			10/23/14 20:51	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 20:51	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 20:51	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 20:51	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 20:51	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 20:51	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 20:51	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 20:51	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 20:51	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 20:51	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 20:51	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 20:51	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 20:51	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 20:51	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 20:51	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 20:51	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 20:51	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 20:51	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 20:51	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 20:51	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 20:51	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 20:51	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 20:51	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 20:51	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 20:51	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 20:51	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 20:51	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 20:51	1

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

Lab Sample ID: MB 480-209694/6
Matrix: Water
Analysis Batch: 209694

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			10/23/14 20:51	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 20:51	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 20:51	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 20:51	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 20:51	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 20:51	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 20:51	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 20:51	1
Styrene	ND		2.0	0.73	ug/L			10/23/14 20:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 20:51	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 20:51	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 20:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*86 - 118*		*10/23/14 20:51*	*1*
4-Bromofluorobenzene (Surr)	*90*		*86 - 115*		*10/23/14 20:51*	*1*
Toluene-d8 (Surr)	*101*		*88 - 110*		*10/23/14 20:51*	*1*

Lab Sample ID: LCS 480-209694/4
Matrix: Water
Analysis Batch: 209694

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	23.1		ug/L		93	72 - 127
Benzene	25.0	24.6		ug/L		98	78 - 124
Chlorobenzene	25.0	24.3		ug/L		97	78 - 124
Toluene	25.0	25.3		ug/L		101	77 - 123
Trichloroethene	25.0	23.3		ug/L		93	75 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*86 - 118*
4-Bromofluorobenzene (Surr)	*93*		*86 - 115*
Toluene-d8 (Surr)	*103*		*88 - 110*

Lab Sample ID: 480-69567-18MS
Matrix: Water
Analysis Batch: 209694

Client Sample ID: MP-281C
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	25.3		ug/L		101	68 - 137
Benzene	ND		25.0	26.0		ug/L		104	69 - 133
Chlorobenzene	ND		25.0	26.5		ug/L		106	65 - 136
Toluene	ND		25.0	27.1		ug/L		108	60 - 138
Trichloroethene	ND		25.0	25.1		ug/L		100	63 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*86 - 118*

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

Lab Sample ID: 480-69567-18MS
Matrix: Water
Analysis Batch: 209694

Client Sample ID: MP-281C
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*92*		*86 - 115*
Toluene-d8 (Surr)	*104*		*88 - 110*

Lab Sample ID: 480-69567-18MSD
Matrix: Water
Analysis Batch: 209694

Client Sample ID: MP-281C
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	23.0		ug/L		92	68 - 137	9	18
Benzene	ND		25.0	24.0		ug/L		96	69 - 133	8	18
Chlorobenzene	ND		25.0	24.2		ug/L		97	65 - 136	9	18
Toluene	ND		25.0	24.6		ug/L		98	60 - 138	9	19
Trichloroethene	ND		25.0	22.6		ug/L		90	63 - 136	10	21

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*94*		*86 - 118*
4-Bromofluorobenzene (Surr)	*90*		*86 - 115*
Toluene-d8 (Surr)	*100*		*88 - 110*

Lab Sample ID: MB 480-209781/6
Matrix: Water
Analysis Batch: 209781

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			10/24/14 12:39	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 12:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 12:39	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 12:39	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 12:39	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 12:39	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 12:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 12:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 12:39	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 12:39	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 12:39	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 12:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 12:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 12:39	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 12:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 12:39	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 12:39	1
Acetone	ND		10	3.0	ug/L			10/24/14 12:39	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 12:39	1
Acrolein	ND		20	0.91	ug/L			10/24/14 12:39	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 12:39	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 12:39	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 12:39	1

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

Lab Sample ID: MB 480-209781/6
Matrix: Water
Analysis Batch: 209781

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 12:39	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 12:39	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 12:39	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 12:39	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 12:39	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 12:39	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 12:39	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 12:39	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 12:39	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 12:39	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 12:39	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 12:39	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 12:39	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 12:39	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 12:39	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 12:39	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 12:39	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 12:39	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 12:39	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 12:39	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 12:39	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 12:39	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 12:39	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 12:39	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 12:39	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 12:39	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 12:39	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 12:39	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 12:39	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 12:39	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 12:39	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 12:39	1
Styrene	ND		2.0	0.73	ug/L			10/24/14 12:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 12:39	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 12:39	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*86 - 118*		*10/24/14 12:39*	*1*
4-Bromofluorobenzene (Surr)	*92*		*86 - 115*		*10/24/14 12:39*	*1*
Toluene-d8 (Surr)	*101*		*88 - 110*		*10/24/14 12:39*	*1*

Lab Sample ID: LCS 480-209781/4
Matrix: Water
Analysis Batch: 209781

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	20.6		ug/L		82	72 - 127

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

Lab Sample ID: LCS 480-209781/4
Matrix: Water
Analysis Batch: 209781

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	22.8		ug/L		91	78 - 124
Chlorobenzene	25.0	23.1		ug/L		92	78 - 124
Toluene	25.0	23.6		ug/L		94	77 - 123
Trichloroethene	25.0	22.0		ug/L		88	75 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*
4-Bromofluorobenzene (Surr)	*94*		*86 - 115*
Toluene-d8 (Surr)	*105*		*88 - 110*

Lab Sample ID: MB 480-210131/7
Matrix: Water
Analysis Batch: 210131

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			10/27/14 10:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 10:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 10:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 10:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 10:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 10:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 10:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 10:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 10:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 10:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 10:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 10:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 10:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 10:59	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 10:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 10:59	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 10:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 10:59	1
Acetone	ND		10	3.0	ug/L			10/27/14 10:59	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 10:59	1
Acrolein	ND		20	0.91	ug/L			10/27/14 10:59	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 10:59	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 10:59	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 10:59	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 10:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 10:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 10:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 10:59	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 10:59	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 10:59	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 10:59	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 10:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 10:59	1

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

Lab Sample ID: MB 480-210131/7
Matrix: Water
Analysis Batch: 210131

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 10:59	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 10:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 10:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 10:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 10:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 10:59	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 10:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 10:59	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 10:59	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 10:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 10:59	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 10:59	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 10:59	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 10:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 10:59	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 10:59	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 10:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 10:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 10:59	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 10:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 10:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 10:59	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 10:59	1
Styrene	ND		2.0	0.73	ug/L			10/27/14 10:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 10:59	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 10:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 10:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*86 - 118*		*10/27/14 10:59*	*1*
4-Bromofluorobenzene (Surr)	*104*		*86 - 115*		*10/27/14 10:59*	*1*
Toluene-d8 (Surr)	*96*		*88 - 110*		*10/27/14 10:59*	*1*

Lab Sample ID: LCS 480-210131/4
Matrix: Water
Analysis Batch: 210131

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	21.8		ug/L		87	72 - 127
Benzene	25.0	22.7		ug/L		91	78 - 124
Chlorobenzene	25.0	23.0		ug/L		92	78 - 124
Toluene	25.0	22.5		ug/L		90	77 - 123
Trichloroethene	25.0	23.3		ug/L		93	75 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*86 - 118*
4-Bromofluorobenzene (Surr)	*103*		*86 - 115*

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

Lab Sample ID: LCS 480-210131/4
Matrix: Water
Analysis Batch: 210131

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	94		88 - 110

Lab Sample ID: MB 480-210181/8
Matrix: Water
Analysis Batch: 210181

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			10/27/14 11:49	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 11:49	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 11:49	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 11:49	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 11:49	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 11:49	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 11:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 11:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 11:49	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 11:49	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 11:49	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 11:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 11:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 11:49	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 11:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 11:49	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 11:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 11:49	1
Acetone	ND		10	3.0	ug/L			10/27/14 11:49	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 11:49	1
Acrolein	ND		20	0.91	ug/L			10/27/14 11:49	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 11:49	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 11:49	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 11:49	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 11:49	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 11:49	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 11:49	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 11:49	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 11:49	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 11:49	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 11:49	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 11:49	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 11:49	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 11:49	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 11:49	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 11:49	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 11:49	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 11:49	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 11:49	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 11:49	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 11:49	1

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

Lab Sample ID: MB 480-210181/8 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210181

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 11:49	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 11:49	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 11:49	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 11:49	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 11:49	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 11:49	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 11:49	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 11:49	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 11:49	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 11:49	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 11:49	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 11:49	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 11:49	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 11:49	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 11:49	1
Styrene	ND		2.0	0.73	ug/L			10/27/14 11:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 11:49	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 11:49	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/27/14 11:49*	*1*
4-Bromofluorobenzene (Surr)	*95*		*86 - 115*		*10/27/14 11:49*	*1*
Toluene-d8 (Surr)	*99*		*88 - 110*		*10/27/14 11:49*	*1*

Lab Sample ID: LCS 480-210181/6 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210181

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	25.0	25.5		ug/L		102	72 - 127
Benzene	25.0	27.1		ug/L		108	78 - 124
Chlorobenzene	25.0	26.3		ug/L		105	78 - 124
Toluene	25.0	26.4		ug/L		105	77 - 123
Trichloroethene	25.0	26.3		ug/L		105	75 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*86 - 118*
4-Bromofluorobenzene (Surr)	*95*		*86 - 115*
Toluene-d8 (Surr)	*98*		*88 - 110*

Lab Sample ID: MB 480-211255/8 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 211255

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			10/31/14 12:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/31/14 12:46	1

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

Lab Sample ID: MB 480-211255/8
Matrix: Water
Analysis Batch: 211255

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/31/14 12:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/31/14 12:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/31/14 12:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/31/14 12:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/31/14 12:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/31/14 12:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/31/14 12:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/31/14 12:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/31/14 12:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/31/14 12:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/31/14 12:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/31/14 12:46	1
1,4-Dioxane	ND		40	9.3	ug/L			10/31/14 12:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/31/14 12:46	1
2-Hexanone	ND		10	1.2	ug/L			10/31/14 12:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/31/14 12:46	1
Acetone	ND		10	3.0	ug/L			10/31/14 12:46	1
Acetonitrile	ND		170	4.9	ug/L			10/31/14 12:46	1
Acrolein	ND		20	0.91	ug/L			10/31/14 12:46	1
Acrylonitrile	ND		20	0.83	ug/L			10/31/14 12:46	1
Benzene	ND		2.0	0.41	ug/L			10/31/14 12:46	1
Bromoform	ND		2.0	0.26	ug/L			10/31/14 12:46	1
Bromomethane	ND		2.0	0.69	ug/L			10/31/14 12:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/31/14 12:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/31/14 12:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/31/14 12:46	1
Chloroethane	ND		2.0	0.32	ug/L			10/31/14 12:46	1
Chloroform	ND		2.0	0.34	ug/L			10/31/14 12:46	1
Chloromethane	ND		2.0	0.35	ug/L			10/31/14 12:46	1
Chloroprene	ND		2.0	0.49	ug/L			10/31/14 12:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/31/14 12:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/31/14 12:46	1
Dibromomethane	ND		2.0	0.41	ug/L			10/31/14 12:46	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/31/14 12:46	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/31/14 12:46	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/31/14 12:46	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/31/14 12:46	1
Iodomethane	ND		2.0	0.30	ug/L			10/31/14 12:46	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/31/14 12:46	1
Methacrylonitrile	ND		10	0.69	ug/L			10/31/14 12:46	1
Methyl methacrylate	ND		10	0.61	ug/L			10/31/14 12:46	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/31/14 12:46	1
Naphthalene	ND		1.0	0.43	ug/L			10/31/14 12:46	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/31/14 12:46	1
Propionitrile	ND		50	5.8	ug/L			10/31/14 12:46	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/31/14 12:46	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/31/14 12:46	1
Toluene	ND		2.0	0.51	ug/L			10/31/14 12:46	1

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

Lab Sample ID: MB 480-211255/8
Matrix: Water
Analysis Batch: 211255

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/31/14 12:46	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/31/14 12:46	1
Trichloroethene	ND		2.0	0.46	ug/L			10/31/14 12:46	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/31/14 12:46	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/31/14 12:46	1
Vinyl acetate	ND		10	0.85	ug/L			10/31/14 12:46	1
Styrene	ND		2.0	0.73	ug/L			10/31/14 12:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/31/14 12:46	1
Allyl chloride	ND		2.0	0.44	ug/L			10/31/14 12:46	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/31/14 12:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*86 - 118*		*10/31/14 12:46*	*1*
4-Bromofluorobenzene (Surr)	*100*		*86 - 115*		*10/31/14 12:46*	*1*
Toluene-d8 (Surr)	*96*		*88 - 110*		*10/31/14 12:46*	*1*

Lab Sample ID: LCS 480-211255/5
Matrix: Water
Analysis Batch: 211255

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	26.2		ug/L		105	72 - 127
Benzene	25.0	24.5		ug/L		98	78 - 124
Chlorobenzene	25.0	24.1		ug/L		96	78 - 124
Toluene	25.0	25.1		ug/L		100	77 - 123
Trichloroethene	25.0	26.0		ug/L		104	75 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*86 - 118*
4-Bromofluorobenzene (Surr)	*101*		*86 - 115*
Toluene-d8 (Surr)	*98*		*88 - 110*

Lab Sample ID: LCSD 480-211255/6
Matrix: Water
Analysis Batch: 211255

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	24.9		ug/L		100	72 - 127	5	18
Benzene	25.0	23.7		ug/L		95	78 - 124	3	18
Chlorobenzene	25.0	23.9		ug/L		95	78 - 124	1	18
Toluene	25.0	24.8		ug/L		99	77 - 123	1	19
Trichloroethene	25.0	25.1		ug/L		100	75 - 124	4	21

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*86 - 118*
4-Bromofluorobenzene (Surr)	*103*		*86 - 115*
Toluene-d8 (Surr)	*98*		*88 - 110*

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-208621/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208648 — **Prep Batch: 208621**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/18/14 11:45	10/18/14 16:06	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:45	10/18/14 16:06	1

Lab Sample ID: LCS 480-208621/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208648 — **Prep Batch: 208621**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.214	0.140		ug/L		65	46 - 157
1,2-Dibromo-3-Chloropropane	0.214	0.116		ug/L		54	43 - 173

Lab Sample ID: LCSD 480-208621/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208648 — **Prep Batch: 208621**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	0.218	0.145		ug/L		66	46 - 157	3	40
1,2-Dibromo-3-Chloropropane	0.218	0.145		ug/L		66	43 - 173	22	40

Lab Sample ID: MB 480-208622/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208648 — **Prep Batch: 208622**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/18/14 11:48	10/19/14 03:55	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 03:55	1

Lab Sample ID: LCS 480-208622/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208648 — **Prep Batch: 208622**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.223	0.178		ug/L		80	46 - 157
1,2-Dibromo-3-Chloropropane	0.223	0.192		ug/L		86	43 - 173

Lab Sample ID: LCSD 480-208622/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208648 — **Prep Batch: 208622**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	0.219	0.163		ug/L		74	46 - 157	9	40
1,2-Dibromo-3-Chloropropane	0.219	0.167		ug/L		76	43 - 173	14	40

Lab Sample ID: MB 480-209354/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209312 — **Prep Batch: 209354**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/22/14 14:54	10/23/14 05:42	1

Method: 8011 - EDB and DBCP in Water by Microextraction (Continued)

Lab Sample ID: MB 480-209354/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209312 — **Prep Batch: 209354**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/22/14 14:54	10/23/14 05:42	1

Lab Sample ID: LCS 480-209354/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209312 — **Prep Batch: 209354**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.213	0.179		ug/L		84	46 - 157
1,2-Dibromo-3-Chloropropane	0.213	0.184		ug/L		87	43 - 173

Lab Sample ID: LCSD 480-209354/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209312 — **Prep Batch: 209354**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	0.214	0.206		ug/L		96	46 - 157	14	40
1,2-Dibromo-3-Chloropropane	0.214	0.213		ug/L		99	43 - 173	14	40

Lab Sample ID: MB 480-209623/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209684 — **Prep Batch: 209623**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/23/14 13:41	10/23/14 19:27	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/23/14 13:41	10/23/14 19:27	1

Lab Sample ID: LCS 480-209623/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209684 — **Prep Batch: 209623**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	0.214	0.209		ug/L		98	46 - 157
1,2-Dibromo-3-Chloropropane	0.214	0.201		ug/L		94	43 - 173

Lab Sample ID: 480-69567-18MS — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209684 — **Prep Batch: 209623**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromoethane	ND		0.216	0.249		ug/L		115	41 - 150
1,2-Dibromo-3-Chloropropane	ND		0.216	0.243		ug/L		112	42 - 152

Lab Sample ID: 480-69567-18MSD — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209684 — **Prep Batch: 209623**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	ND		0.214	0.218		ug/L		102	41 - 150	13	40
1,2-Dibromo-3-Chloropropane	ND		0.214	0.219		ug/L		102	42 - 152	11	40

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

Lab Sample ID: MB 480-208563/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208749 — **Prep Batch: 208563**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1221	ND		0.50	0.18	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1232	ND		0.50	0.18	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1242	ND		0.50	0.18	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1248	ND		0.50	0.18	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1254	ND		0.50	0.25	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1260	ND		0.50	0.25	ug/L		10/18/14 08:04	10/20/14 09:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*24 - 150*	*10/18/14 08:04*	*10/20/14 09:11*	*1*
DCB Decachlorobiphenyl	*65*		*24 - 150*	*10/18/14 08:04*	*10/20/14 09:11*	*1*

Lab Sample ID: LCS 480-208563/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208749 — **Prep Batch: 208563**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	3.72		ug/L		93	29 - 123
PCB-1260	4.00	2.90		ug/L		73	50 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*82*		*24 - 150*
DCB Decachlorobiphenyl	*68*		*24 - 150*

Lab Sample ID: LCSD 480-208563/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208749 — **Prep Batch: 208563**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	4.00	3.63		ug/L		91	29 - 123	3	30
PCB-1260	4.00	3.04		ug/L		76	50 - 122	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*82*		*24 - 150*
DCB Decachlorobiphenyl	*66*		*24 - 150*

Lab Sample ID: MB 480-208570/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208756 — **Prep Batch: 208570**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/18/14 08:16	10/20/14 09:08	1
PCB-1221	ND		0.50	0.18	ug/L		10/18/14 08:16	10/20/14 09:08	1
PCB-1232	ND		0.50	0.18	ug/L		10/18/14 08:16	10/20/14 09:08	1
PCB-1242	ND		0.50	0.18	ug/L		10/18/14 08:16	10/20/14 09:08	1
PCB-1248	ND		0.50	0.18	ug/L		10/18/14 08:16	10/20/14 09:08	1
PCB-1254	ND		0.50	0.25	ug/L		10/18/14 08:16	10/20/14 09:08	1

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

Lab Sample ID: MB 480-208570/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208756 — **Prep Batch: 208570**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	ND		0.50	0.25	ug/L		10/18/14 08:16	10/20/14 09:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*24 - 150*	*10/18/14 08:16*	*10/20/14 09:08*	*1*
DCB Decachlorobiphenyl	*69*		*24 - 150*	*10/18/14 08:16*	*10/20/14 09:08*	*1*

Lab Sample ID: LCS 480-208570/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208756 — **Prep Batch: 208570**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	3.83		ug/L		96	29 - 123
PCB-1260	4.00	3.27		ug/L		82	50 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*79*		*24 - 150*
DCB Decachlorobiphenyl	*71*		*24 - 150*

Lab Sample ID: LCSD 480-208570/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208756 — **Prep Batch: 208570**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	4.00	3.92		ug/L		98	29 - 123	2	30
PCB-1260	4.00	3.35		ug/L		84	50 - 122	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*82*		*24 - 150*
DCB Decachlorobiphenyl	*71*		*24 - 150*

Lab Sample ID: MB 480-209639/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209932 — **Prep Batch: 209639**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/23/14 14:32	10/25/14 03:50	1
PCB-1221	ND		0.50	0.18	ug/L		10/23/14 14:32	10/25/14 03:50	1
PCB-1232	ND		0.50	0.18	ug/L		10/23/14 14:32	10/25/14 03:50	1
PCB-1242	ND		0.50	0.18	ug/L		10/23/14 14:32	10/25/14 03:50	1
PCB-1248	ND		0.50	0.18	ug/L		10/23/14 14:32	10/25/14 03:50	1
PCB-1254	ND		0.50	0.25	ug/L		10/23/14 14:32	10/25/14 03:50	1
PCB-1260	ND		0.50	0.25	ug/L		10/23/14 14:32	10/25/14 03:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*24 - 150*	*10/23/14 14:32*	*10/25/14 03:50*	*1*
DCB Decachlorobiphenyl	*108*		*24 - 150*	*10/23/14 14:32*	*10/25/14 03:50*	*1*

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

Lab Sample ID: LCS 480-209639/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209932 — **Prep Batch: 209639**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	3.30		ug/L		83	29 - 123
PCB-1260	4.00	3.31		ug/L		83	50 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*64*		*24 - 150*
DCB Decachlorobiphenyl	*84*		*24 - 150*

Lab Sample ID: 480-69567-18MS — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209932 — **Prep Batch: 209639**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	ND		3.72	3.22		ug/L		87	29 - 123
PCB-1260	ND		3.72	3.41		ug/L		92	50 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*67*		*24 - 150*
DCB Decachlorobiphenyl	*86*		*24 - 150*

Lab Sample ID: 480-69567-18MSD — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209932 — **Prep Batch: 209639**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	ND		3.64	3.45		ug/L		95	29 - 123	7	30
PCB-1260	ND		3.64	3.80		ug/L		104	50 - 122	11	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*81*		*24 - 150*
DCB Decachlorobiphenyl	*100*		*24 - 150*

Lab Sample ID: MB 480-210024/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210196 — **Prep Batch: 210024**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1221	ND		0.50	0.18	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1232	ND		0.50	0.18	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1242	ND		0.50	0.18	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1248	ND		0.50	0.18	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1254	ND		0.50	0.25	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1260	ND		0.50	0.25	ug/L		10/25/14 08:13	10/28/14 13:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*24 - 150*	*10/25/14 08:13*	*10/28/14 13:17*	*1*
DCB Decachlorobiphenyl	*48*		*24 - 150*	*10/25/14 08:13*	*10/28/14 13:17*	*1*

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

Lab Sample ID: LCS 480-210024/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210196 — **Prep Batch: 210024**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
PCB-1016	4.00	3.54		ug/L		88	29 - 123
PCB-1260	4.00	3.32		ug/L		83	50 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*90*		*24 - 150*
DCB Decachlorobiphenyl	*62*		*24 - 150*

Lab Sample ID: LCSD 480-210024/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210196 — **Prep Batch: 210024**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
PCB-1016	4.00	3.40		ug/L		85	29 - 123	4	30
PCB-1260	4.00	3.02		ug/L		76	50 - 122	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*88*		*24 - 150*
DCB Decachlorobiphenyl	*59*		*24 - 150*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-208580/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 209227 — **Prep Batch: 208580**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	ND		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:51	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:51	1

Lab Sample ID: LCS 480-208580/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 209227 — **Prep Batch: 208580**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium, Dissolved	0.200	0.205		mg/L		103	80 - 120
Chromium, Dissolved	0.201	0.195		mg/L		97	80 - 120

Lab Sample ID: MB 480-208588/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 209224 — **Prep Batch: 208588**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	ND		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:08	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:08	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-208588/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 209224 — **Prep Batch: 208588**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium, Dissolved	0.200	0.203		mg/L		101	80 - 120
Chromium, Dissolved	0.201	0.194		mg/L		97	80 - 120

Lab Sample ID: MB 480-208625/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 209797 — **Prep Batch: 208625**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	ND		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:13	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:13	1

Lab Sample ID: LCS 480-208625/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 209797 — **Prep Batch: 208625**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium, Dissolved	0.200	0.196		mg/L		98	80 - 120
Chromium, Dissolved	0.201	0.196		mg/L		98	80 - 120

Lab Sample ID: MB 480-208629/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 209226 — **Prep Batch: 208629**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	ND		0.0020	0.00070	mg/L		10/20/14 12:10	10/21/14 14:37	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 12:10	10/21/14 14:37	1

Lab Sample ID: LCS 480-208629/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 209226 — **Prep Batch: 208629**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium, Dissolved	0.200	0.200		mg/L		100	80 - 120
Chromium, Dissolved	0.201	0.191		mg/L		95	80 - 120

Lab Sample ID: 480-69451-1 MS — **Client Sample ID: MP-210AR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209224 — **Prep Batch: 208588**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium, Dissolved	0.056		0.200	0.254		mg/L		99	75 - 125
Chromium, Dissolved	ND		0.201	0.191		mg/L		95	75 - 125

Lab Sample ID: 480-69451-1 MSD — **Client Sample ID: MP-210AR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209224 — **Prep Batch: 208588**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium, Dissolved	0.056		0.200	0.259		mg/L		101	75 - 125	2	20

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-69451-1 MSD — **Client Sample ID: MP-210AR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209224 — **Prep Batch: 208588**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, Dissolved	ND		0.201	0.196		mg/L		98	75 - 125	3	20

Lab Sample ID: 480-69567-18MS — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209797 — **Prep Batch: 208625**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium, Dissolved	0.049		0.200	0.237		mg/L		94	75 - 125
Chromium, Dissolved	ND		0.201	0.188		mg/L		94	75 - 125

Lab Sample ID: 480-69567-18MSD — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209797 — **Prep Batch: 208625**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium, Dissolved	0.049		0.200	0.224		mg/L		88	75 - 125	5	20
Chromium, Dissolved	ND		0.201	0.178		mg/L		89	75 - 125	6	20

Lab Sample ID: 480-69567-21 MS — **Client Sample ID: MP-213A**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209226 — **Prep Batch: 208629**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium, Dissolved	0.026		0.200	0.228		mg/L		101	75 - 125
Chromium, Dissolved	0.0015	J	0.201	0.192		mg/L		95	75 - 125

Lab Sample ID: 480-69567-21 MSD — **Client Sample ID: MP-213A**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209226 — **Prep Batch: 208629**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Barium, Dissolved	0.026		0.200	0.226		mg/L		100	75 - 125	1	20
Chromium, Dissolved	0.0015	J	0.201	0.193		mg/L		95	75 - 125	0	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 480-208413/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210239 — **Prep Batch: 208413**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 08:26	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 08:26	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 08:26	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 08:26	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 08:26	1

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

Lab Sample ID: LCS 480-208413/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210239 — **Prep Batch: 208413**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.0200	0.0202		mg/L		101	80 - 120
Cadmium, Dissolved	0.0200	0.0209		mg/L		105	80 - 120
Lead, Dissolved	0.0200	0.0213		mg/L		106	80 - 120
Silver, Dissolved	0.0200	0.0198		mg/L		99	80 - 120
Selenium, Dissolved	0.0200	0.0208		mg/L		104	80 - 120

Lab Sample ID: MB 480-208414/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210505 — **Prep Batch: 208414**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 01:34	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 01:34	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 01:34	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 01:34	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/28/14 01:34	1

Lab Sample ID: LCS 480-208414/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210505 — **Prep Batch: 208414**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.0200	0.0197		mg/L		99	80 - 120
Cadmium, Dissolved	0.0200	0.0210		mg/L		105	80 - 120
Lead, Dissolved	0.0200	0.0200		mg/L		100	80 - 120
Silver, Dissolved	0.0200	0.0200		mg/L		100	80 - 120
Selenium, Dissolved	0.0200	0.0202		mg/L		101	80 - 120

Lab Sample ID: MB 480-208737/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213132 — **Prep Batch: 208737**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 18:50	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 18:50	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 18:50	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 18:50	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 18:50	1

Lab Sample ID: LCS 480-208737/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213132 — **Prep Batch: 208737**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.0200	0.0210		mg/L		105	80 - 120
Cadmium, Dissolved	0.0200	0.0217		mg/L		108	80 - 120
Lead, Dissolved	0.0200	0.0210		mg/L		105	80 - 120
Silver, Dissolved	0.0200	0.0195		mg/L		97	80 - 120
Selenium, Dissolved	0.0200	0.0222		mg/L		111	80 - 120

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

Lab Sample ID: MB 480-208851/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209327 — **Prep Batch: 208851**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/21/14 12:14	10/22/14 04:18	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 12:14	10/22/14 04:18	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 12:14	10/22/14 04:18	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 12:14	10/22/14 04:18	1

Lab Sample ID: MB 480-208851/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209685 — **Prep Batch: 208851**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/21/14 12:14	10/23/14 17:02	1

Lab Sample ID: LCS 480-208851/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209327 — **Prep Batch: 208851**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.0200	0.0198		mg/L		99	80 - 120
Cadmium, Dissolved	0.0200	0.0206		mg/L		103	80 - 120
Lead, Dissolved	0.0200	0.0210		mg/L		105	80 - 120
Silver, Dissolved	0.0200	0.0184		mg/L		92	80 - 120

Lab Sample ID: LCS 480-208851/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209685 — **Prep Batch: 208851**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium, Dissolved	0.0200	0.0208		mg/L		104	80 - 120

Lab Sample ID: LCSD 480-208851/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209327 — **Prep Batch: 208851**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic, Dissolved	0.0200	0.0194		mg/L		97	80 - 120	2	20
Cadmium, Dissolved	0.0200	0.0206		mg/L		103	80 - 120	0	20
Lead, Dissolved	0.0200	0.0211		mg/L		106	80 - 120	0	20
Silver, Dissolved	0.0200	0.0177		mg/L		89	80 - 120	4	20

Lab Sample ID: LCSD 480-208851/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209685 — **Prep Batch: 208851**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Selenium, Dissolved	0.0200	0.0201		mg/L		100	80 - 120	4	20

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

Lab Sample ID: MB 480-209019/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210070 — **Prep Batch: 209019**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/21/14 11:06	10/24/14 20:33	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 11:06	10/24/14 20:33	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 11:06	10/24/14 20:33	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 11:06	10/24/14 20:33	1

Lab Sample ID: LCS 480-209019/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 210070 — **Prep Batch: 209019**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.0200	0.0195		mg/L		98	80 - 120
Cadmium, Dissolved	0.0200	0.0204		mg/L		102	80 - 120
Lead, Dissolved	0.0200	0.0203		mg/L		102	80 - 120
Silver, Dissolved	0.0200	0.0177		mg/L		89	80 - 120

Lab Sample ID: MB 480-210731/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 211709 — **Prep Batch: 210731**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/29/14 11:35	11/01/14 06:22	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/29/14 11:35	11/01/14 06:22	1

Lab Sample ID: LCS 480-210731/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 211709 — **Prep Batch: 210731**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.0200	0.0195		mg/L		97	80 - 120
Selenium, Dissolved	0.0200	0.0199		mg/L		99	80 - 120

Lab Sample ID: 480-69451-16 MS — **Client Sample ID: MP-211BR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 210505 — **Prep Batch: 208414**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.00051	J	0.0200	0.0221		mg/L		108	75 - 125
Cadmium, Dissolved	0.00015	J	0.0200	0.0217		mg/L		108	75 - 125
Lead, Dissolved	0.00027	J	0.0200	0.0196		mg/L		97	75 - 125
Silver, Dissolved	ND		0.0200	0.0194		mg/L		97	75 - 125
Selenium, Dissolved	ND		0.0200	0.0221		mg/L		111	75 - 125

Lab Sample ID: 480-69451-16 MSD — **Client Sample ID: MP-211BR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 210505 — **Prep Batch: 208414**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic, Dissolved	0.00051	J	0.0200	0.0214		mg/L		105	75 - 125	3	20
Cadmium, Dissolved	0.00015	J	0.0200	0.0210		mg/L		104	75 - 125	3	20

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

Lab Sample ID: 480-69451-16 MSD — **Client Sample ID: MP-211BR**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 210505 — **Prep Batch: 208414**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead, Dissolved	0.00027	J	0.0200	0.0205		mg/L		101	75 - 125	5	20
Silver, Dissolved	ND		0.0200	0.0191		mg/L		96	75 - 125	1	20
Selenium, Dissolved	ND		0.0200	0.0212		mg/L		106	75 - 125	4	20

Lab Sample ID: 480-69567-18MS — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 213132 — **Prep Batch: 208737**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.0047		0.0200	0.0258		mg/L		105	75 - 125
Cadmium, Dissolved	ND		0.0200	0.0206		mg/L		103	75 - 125
Lead, Dissolved	ND		0.0200	0.0195		mg/L		98	75 - 125
Silver, Dissolved	ND		0.0200	0.0178		mg/L		89	75 - 125
Selenium, Dissolved	0.00080	J	0.0200	0.0230		mg/L		111	75 - 125

Lab Sample ID: 480-69567-18MSD — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 213132 — **Prep Batch: 208737**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic, Dissolved	0.0047		0.0200	0.0263		mg/L		108	75 - 125	2	20
Cadmium, Dissolved	ND		0.0200	0.0208		mg/L		104	75 - 125	1	20
Lead, Dissolved	ND		0.0200	0.0201		mg/L		100	75 - 125	3	20
Silver, Dissolved	ND		0.0200	0.0179		mg/L		90	75 - 125	1	20
Selenium, Dissolved	0.00080	J	0.0200	0.0234		mg/L		113	75 - 125	2	20

Lab Sample ID: 480-69567-22 MS — **Client Sample ID: MP-238R**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209327 — **Prep Batch: 208851**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic, Dissolved	0.00052	J	0.0200	0.0207		mg/L		101	75 - 125
Cadmium, Dissolved	ND		0.0200	0.0203		mg/L		101	75 - 125
Lead, Dissolved	ND		0.0200	0.0194		mg/L		97	75 - 125
Silver, Dissolved	ND		0.0200	0.0174		mg/L		87	75 - 125

Lab Sample ID: 480-69567-22 MS — **Client Sample ID: MP-238R**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209685 — **Prep Batch: 208851**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium, Dissolved	ND		0.0200	0.0207		mg/L		104	75 - 125

Lab Sample ID: 480-69567-22 MSD — **Client Sample ID: MP-238R**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209327 — **Prep Batch: 208851**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic, Dissolved	0.00052	J	0.0200	0.0209		mg/L		102	75 - 125	1	20

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

Lab Sample ID: 480-69567-22 MSD — **Client Sample ID: MP-238R**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209327 — **Prep Batch: 208851**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cadmium, Dissolved	ND		0.0200	0.0208		mg/L		104	75 - 125	2	20
Lead, Dissolved	ND		0.0200	0.0199		mg/L		100	75 - 125	3	20
Silver, Dissolved	ND		0.0200	0.0174		mg/L		87	75 - 125	0	20

Lab Sample ID: 480-69567-22 MSD — **Client Sample ID: MP-238R**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209685 — **Prep Batch: 208851**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Selenium, Dissolved	ND		0.0200	0.0217		mg/L		109	75 - 125	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-208717/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208848 — **Prep Batch: 208717**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 11:53	1

Lab Sample ID: LCS 480-208717/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208848 — **Prep Batch: 208717**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury, Dissolved	0.00667	0.00725		mg/L		109	80 - 120

Lab Sample ID: MB 480-208718/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208848 — **Prep Batch: 208718**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:45	1

Lab Sample ID: LCS 480-208718/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 208848 — **Prep Batch: 208718**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury, Dissolved	0.00667	0.00717		mg/L		107	80 - 120

Lab Sample ID: MB 480-209026/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209191 — **Prep Batch: 209026**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 16:23	1

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

Lab Sample ID: LCS 480-209026/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209191 — **Prep Batch: 209026**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury, Dissolved	0.00667	0.00620		mg/L		93	80 - 120

Lab Sample ID: MB 480-209028/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209191 — **Prep Batch: 209028**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:14	1

Lab Sample ID: LCS 480-209028/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 209191 — **Prep Batch: 209028**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury, Dissolved	0.00667	0.00618		mg/L		93	80 - 120

Lab Sample ID: 480-69451-11 MS — **Client Sample ID: MP-227R**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 208848 — **Prep Batch: 208718**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury, Dissolved	ND		0.00667	0.00710		mg/L		106	80 - 120

Lab Sample ID: 480-69451-11 MSD — **Client Sample ID: MP-227R**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 208848 — **Prep Batch: 208718**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury, Dissolved	ND		0.00667	0.00705		mg/L		106	80 - 120	1	20

Lab Sample ID: 480-69567-18MS — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209191 — **Prep Batch: 209028**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury, Dissolved	ND		0.00667	0.00620		mg/L		93	80 - 120

Lab Sample ID: 480-69567-18MSD — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 209191 — **Prep Batch: 209028**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury, Dissolved	ND		0.00667	0.00590		mg/L		88	80 - 120	5	20

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-212372/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212372

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/05/14 14:14	1

Lab Sample ID: LCS 480-212372/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212372

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	57.60		mg/L		96	90 - 110

Lab Sample ID: 480-69451-7 MS — **Client Sample ID: MP-405A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212372

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	3.2		20.0	19.44		mg/L		81	54 - 131

Lab Sample ID: 480-69451-14 MS — **Client Sample ID: MP-230A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212372

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	1.5		20.0	17.50		mg/L		80	54 - 131

Lab Sample ID: 480-69451-6 DU — **Client Sample ID: MP-407**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212372

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	2.8		2.59		mg/L		8	20

Lab Sample ID: 480-69451-12 DU — **Client Sample ID: MP-228AR**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212372

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	1.7		1.64		mg/L		3	20

Lab Sample ID: MB 480-212945/29 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212945

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/08/14 04:44	1

Lab Sample ID: LCS 480-212945/30 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212945

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	57.02		mg/L		95	90 - 110

QC Sample Results

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

TestAmerica Job ID: 480-69451-1

Lab Sample ID: MB 480-212970/27 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/08/14 06:44	1

Lab Sample ID: MB 480-212970/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/07/14 18:42	1

Lab Sample ID: LCS 480-212970/28 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212970

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	57.98		mg/L		97	90 - 110

Lab Sample ID: LCS 480-212970/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 212970

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	59.43		mg/L		99	90 - 110

Lab Sample ID: MB 480-213037/27 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/09/14 01:02	1

Lab Sample ID: MB 480-213037/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/08/14 13:58	1

Lab Sample ID: LCS 480-213037/28 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213037

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	60.18		mg/L		100	90 - 110

Lab Sample ID: LCS 480-213037/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213037

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	60.05		mg/L		100	90 - 110

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 480-69567-13 MS — **Client Sample ID: MP-402A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213037

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Organic Carbon	1.5		20.0	20.73		mg/L		96	54 - 131		

Lab Sample ID: 480-69567-18MS — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213037

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Organic Carbon	1.0		20.0	19.78		mg/L		94	54 - 131		

Lab Sample ID: 480-69567-18MSD — **Client Sample ID: MP-281C**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213037

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	1.0		20.0	19.39		mg/L		92	54 - 131	2	20

Lab Sample ID: 480-69567-12 DU — **Client Sample ID: MP-234AR**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213037

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Organic Carbon	1.4			1.41		mg/L				2	20

Lab Sample ID: MB 480-213454/27 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213454

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/11/14 01:41	1

Lab Sample ID: MB 480-213454/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213454

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/10/14 14:29	1

Lab Sample ID: LCS 480-213454/28 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213454

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Organic Carbon			60.0	55.88		mg/L		93	90 - 110		

Lab Sample ID: LCS 480-213454/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213454

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Organic Carbon			60.0	56.91		mg/L		95	90 - 110		

QC Sample Results

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

TestAmerica Job ID: 480-69451-1

Lab Sample ID: 480-69567-2 MS — **Client Sample ID: MP-235CR**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213454

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	0.89	J	20.0	19.11		mg/L		91	54 - 131

Lab Sample ID: 480-69567-9 MS — **Client Sample ID: MP-233R**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213454

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	5.3		20.0	21.84		mg/L		83	54 - 131

Lab Sample ID: 480-69567-1 DU — **Client Sample ID: MP-241R**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213454

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	0.83	J	0.840	J	mg/L		2	20

Lab Sample ID: 480-69567-8 DU — **Client Sample ID: DUPLICATE DMP #2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213454

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Organic Carbon	0.87	J	0.848	J	mg/L		2	20

Lab Sample ID: MB 480-213471/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213471

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/11/14 02:02	1

Lab Sample ID: LCS 480-213471/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213471

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	55.21		mg/L		92	90 - 110

Lab Sample ID: 480-69567-21 MS — **Client Sample ID: MP-213A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213471

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	2.3		20.0	19.40		mg/L		85	54 - 131

Lab Sample ID: MB 480-213751/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213751

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/12/14 14:16	1

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 480-213751/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213751

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	55.23		mg/L		92	90 - 110

Lab Sample ID: MB 480-213805/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213805

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/12/14 02:44	1

Lab Sample ID: LCS 480-213805/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 213805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	57.69		mg/L		96	90 - 110

Lab Sample ID: MB 480-216371/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216371

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/26/14 00:01	1

Lab Sample ID: LCS 480-216371/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 216371

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	60.0	63.43		mg/L		106	90 - 110

QC Association Summary

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

TestAmerica Job ID: 480-69451-1

GC/MS VOA

Analysis Batch: 209694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Total/NA	Water	8260C	
480-69567-2	MP-235CR	Total/NA	Water	8260C	
480-69567-3	MP-235BR	Total/NA	Water	8260C	
480-69567-4	MP-235R	Total/NA	Water	8260C	
480-69567-5	MP-237	Total/NA	Water	8260C	
480-69567-6	MP-401A	Total/NA	Water	8260C	
480-69567-7	MP-401B	Total/NA	Water	8260C	
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	8260C	
480-69567-9	MP-233R	Total/NA	Water	8260C	
480-69567-10	MP-233AR	Total/NA	Water	8260C	
480-69567-12	MP-234AR	Total/NA	Water	8260C	
480-69567-13	MP-402A	Total/NA	Water	8260C	
480-69567-14	MP-274	Total/NA	Water	8260C	
480-69567-18MS	MP-281C	Total/NA	Water	8260C	
480-69567-18MSD	MP-281C	Total/NA	Water	8260C	
LCS 480-209694/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-209694/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 209781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-11	MP-234R	Total/NA	Water	8260C	
480-69567-15	MP-274A	Total/NA	Water	8260C	
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	8260C	
480-69567-18	MP-281C	Total/NA	Water	8260C	
480-69567-20	FIELD BLANK DMP	Total/NA	Water	8260C	
480-69567-21	MP-213A	Total/NA	Water	8260C	
480-69567-22	MP-238R	Total/NA	Water	8260C	
480-69567-23	MP-403A	Total/NA	Water	8260C	
480-69567-24	MP-214BR	Total/NA	Water	8260C	
LCS 480-209781/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-209781/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 210131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	8260C	
480-69451-2	MP-406C	Total/NA	Water	8260C	
480-69451-3	MP-409	Total/NA	Water	8260C	
480-69451-4	MP-280	Total/NA	Water	8260C	
480-69451-5	MP-280A	Total/NA	Water	8260C	
480-69451-6	MP-407	Total/NA	Water	8260C	
480-69451-7	MP-405A	Total/NA	Water	8260C	
480-69451-8	MP-231AR	Total/NA	Water	8260C	
480-69451-9	MP-251A	Total/NA	Water	8260C	
480-69451-10	MP-404	Total/NA	Water	8260C	
480-69451-16	MP-211BR	Total/NA	Water	8260C	
480-69567-17	MP-281	Total/NA	Water	8260C	
480-69567-19	MP-404A	Total/NA	Water	8260C	
LCS 480-210131/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-210131/7	Method Blank	Total/NA	Water	8260C	

GC/MS VOA (Continued)

Analysis Batch: 210181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-11	MP-227R	Total/NA	Water	8260C	
480-69451-12	MP-228AR	Total/NA	Water	8260C	
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	8260C	
480-69451-14	MP-230A	Total/NA	Water	8260C	
480-69451-15	MP-232A	Total/NA	Water	8260C	
480-69451-17 - DL	MP-408	Total/NA	Water	8260C	
480-69451-18	MP-206AR	Total/NA	Water	8260C	
480-69451-19	MP-277A	Total/NA	Water	8260C	
480-69451-20	MP-279	Total/NA	Water	8260C	
480-69451-21	TRIP BLANK	Total/NA	Water	8260C	
480-69451-22	MP-244R	Total/NA	Water	8260C	
480-69451-23	MP-244ARR	Total/NA	Water	8260C	
480-69451-24	MP-250	Total/NA	Water	8260C	
480-69451-25	MP-250A	Total/NA	Water	8260C	
480-69451-26	MP-286C	Total/NA	Water	8260C	
LCS 480-210181/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-210181/8	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 211255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-17	MP-408	Total/NA	Water	8260C	
LCS 480-211255/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-211255/6	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 480-211255/8	Method Blank	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 208563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	3510C	
480-69451-2	MP-406C	Total/NA	Water	3510C	
480-69451-3	MP-409	Total/NA	Water	3510C	
480-69451-4	MP-280	Total/NA	Water	3510C	
480-69451-5	MP-280A	Total/NA	Water	3510C	
480-69451-6	MP-407	Total/NA	Water	3510C	
480-69451-7	MP-405A	Total/NA	Water	3510C	
480-69451-8	MP-231AR	Total/NA	Water	3510C	
480-69451-9	MP-251A	Total/NA	Water	3510C	
480-69451-10	MP-404	Total/NA	Water	3510C	
480-69451-11	MP-227R	Total/NA	Water	3510C	
480-69451-12	MP-228AR	Total/NA	Water	3510C	
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	3510C	
480-69451-14	MP-230A	Total/NA	Water	3510C	
480-69451-15	MP-232A	Total/NA	Water	3510C	
LCS 480-208563/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-208563/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-208563/1-A	Method Blank	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 208570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-16	MP-211BR	Total/NA	Water	3510C	
480-69451-17	MP-408	Total/NA	Water	3510C	
480-69451-18	MP-206AR	Total/NA	Water	3510C	
480-69451-19	MP-277A	Total/NA	Water	3510C	
480-69451-20	MP-279	Total/NA	Water	3510C	
480-69451-22	MP-244R	Total/NA	Water	3510C	
480-69451-23	MP-244ARR	Total/NA	Water	3510C	
480-69451-24	MP-250	Total/NA	Water	3510C	
480-69451-25	MP-250A	Total/NA	Water	3510C	
480-69451-26	MP-286C	Total/NA	Water	3510C	
LCS 480-208570/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-208570/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-208570/1-A	Method Blank	Total/NA	Water	3510C	

Prep Batch: 208621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-21	TRIP BLANK	Total/NA	Water	8011	
480-69451-22	MP-244R	Total/NA	Water	8011	
480-69451-23	MP-244ARR	Total/NA	Water	8011	
480-69451-24	MP-250	Total/NA	Water	8011	
480-69451-25	MP-250A	Total/NA	Water	8011	
480-69451-26	MP-286C	Total/NA	Water	8011	
LCS 480-208621/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-208621/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 480-208621/1-A	Method Blank	Total/NA	Water	8011	

Prep Batch: 208622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	8011	
480-69451-2	MP-406C	Total/NA	Water	8011	
480-69451-3	MP-409	Total/NA	Water	8011	
480-69451-4	MP-280	Total/NA	Water	8011	
480-69451-5	MP-280A	Total/NA	Water	8011	
480-69451-6	MP-407	Total/NA	Water	8011	
480-69451-7	MP-405A	Total/NA	Water	8011	
480-69451-8	MP-231AR	Total/NA	Water	8011	
480-69451-9	MP-251A	Total/NA	Water	8011	
480-69451-10	MP-404	Total/NA	Water	8011	
480-69451-11	MP-227R	Total/NA	Water	8011	
480-69451-12	MP-228AR	Total/NA	Water	8011	
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	8011	
480-69451-14	MP-230A	Total/NA	Water	8011	
480-69451-15	MP-232A	Total/NA	Water	8011	
480-69451-16	MP-211BR	Total/NA	Water	8011	
480-69451-17	MP-408	Total/NA	Water	8011	
480-69451-18	MP-206AR	Total/NA	Water	8011	
480-69451-19	MP-277A	Total/NA	Water	8011	
480-69451-20	MP-279	Total/NA	Water	8011	
LCS 480-208622/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-208622/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 480-208622/1-A	Method Blank	Total/NA	Water	8011	

GC Semi VOA (Continued)

Analysis Batch: 208648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	8011	208622
480-69451-2	MP-406C	Total/NA	Water	8011	208622
480-69451-3	MP-409	Total/NA	Water	8011	208622
480-69451-4	MP-280	Total/NA	Water	8011	208622
480-69451-5	MP-280A	Total/NA	Water	8011	208622
480-69451-6	MP-407	Total/NA	Water	8011	208622
480-69451-7	MP-405A	Total/NA	Water	8011	208622
480-69451-8	MP-231AR	Total/NA	Water	8011	208622
480-69451-9	MP-251A	Total/NA	Water	8011	208622
480-69451-10	MP-404	Total/NA	Water	8011	208622
480-69451-11	MP-227R	Total/NA	Water	8011	208622
480-69451-12	MP-228AR	Total/NA	Water	8011	208622
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	8011	208622
480-69451-14	MP-230A	Total/NA	Water	8011	208622
480-69451-15	MP-232A	Total/NA	Water	8011	208622
480-69451-16	MP-211BR	Total/NA	Water	8011	208622
480-69451-17	MP-408	Total/NA	Water	8011	208622
480-69451-18	MP-206AR	Total/NA	Water	8011	208622
480-69451-19	MP-277A	Total/NA	Water	8011	208622
480-69451-20	MP-279	Total/NA	Water	8011	208622
480-69451-21	TRIP BLANK	Total/NA	Water	8011	208621
480-69451-22	MP-244R	Total/NA	Water	8011	208621
480-69451-23	MP-244ARR	Total/NA	Water	8011	208621
480-69451-24	MP-250	Total/NA	Water	8011	208621
480-69451-25	MP-250A	Total/NA	Water	8011	208621
480-69451-26	MP-286C	Total/NA	Water	8011	208621
LCS 480-208621/2-A	Lab Control Sample	Total/NA	Water	8011	208621
LCS 480-208622/2-A	Lab Control Sample	Total/NA	Water	8011	208622
LCSD 480-208621/3-A	Lab Control Sample Dup	Total/NA	Water	8011	208621
LCSD 480-208622/3-A	Lab Control Sample Dup	Total/NA	Water	8011	208622
MB 480-208621/1-A	Method Blank	Total/NA	Water	8011	208621
MB 480-208622/1-A	Method Blank	Total/NA	Water	8011	208622

Analysis Batch: 208749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	8082A	208563
480-69451-2	MP-406C	Total/NA	Water	8082A	208563
480-69451-3	MP-409	Total/NA	Water	8082A	208563
480-69451-4	MP-280	Total/NA	Water	8082A	208563
480-69451-5	MP-280A	Total/NA	Water	8082A	208563
480-69451-6	MP-407	Total/NA	Water	8082A	208563
480-69451-7	MP-405A	Total/NA	Water	8082A	208563
480-69451-8	MP-231AR	Total/NA	Water	8082A	208563
480-69451-9	MP-251A	Total/NA	Water	8082A	208563
480-69451-10	MP-404	Total/NA	Water	8082A	208563
480-69451-11	MP-227R	Total/NA	Water	8082A	208563
480-69451-12	MP-228AR	Total/NA	Water	8082A	208563
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	8082A	208563
480-69451-14	MP-230A	Total/NA	Water	8082A	208563
480-69451-15	MP-232A	Total/NA	Water	8082A	208563
LCS 480-208563/2-A	Lab Control Sample	Total/NA	Water	8082A	208563

GC Semi VOA (Continued)

Analysis Batch: 208749 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 480-208563/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	208563
MB 480-208563/1-A	Method Blank	Total/NA	Water	8082A	208563

Analysis Batch: 208756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-16	MP-211BR	Total/NA	Water	8082A	208570
480-69451-17	MP-408	Total/NA	Water	8082A	208570
480-69451-18	MP-206AR	Total/NA	Water	8082A	208570
480-69451-19	MP-277A	Total/NA	Water	8082A	208570
480-69451-20	MP-279	Total/NA	Water	8082A	208570
480-69451-22	MP-244R	Total/NA	Water	8082A	208570
480-69451-23	MP-244ARR	Total/NA	Water	8082A	208570
480-69451-24	MP-250	Total/NA	Water	8082A	208570
480-69451-25	MP-250A	Total/NA	Water	8082A	208570
480-69451-26	MP-286C	Total/NA	Water	8082A	208570
LCS 480-208570/2-A	Lab Control Sample	Total/NA	Water	8082A	208570
LCSD 480-208570/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	208570
MB 480-208570/1-A	Method Blank	Total/NA	Water	8082A	208570

Analysis Batch: 209312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Total/NA	Water	8011	209354
480-69567-2	MP-235CR	Total/NA	Water	8011	209354
480-69567-3	MP-235BR	Total/NA	Water	8011	209354
480-69567-4	MP-235R	Total/NA	Water	8011	209354
480-69567-5	MP-237	Total/NA	Water	8011	209354
480-69567-6	MP-401A	Total/NA	Water	8011	209354
480-69567-7	MP-401B	Total/NA	Water	8011	209354
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	8011	209354
480-69567-9	MP-233R	Total/NA	Water	8011	209354
480-69567-10	MP-233AR	Total/NA	Water	8011	209354
480-69567-11	MP-234R	Total/NA	Water	8011	209354
LCS 480-209354/2-A	Lab Control Sample	Total/NA	Water	8011	209354
LCSD 480-209354/3-A	Lab Control Sample Dup	Total/NA	Water	8011	209354
MB 480-209354/1-A	Method Blank	Total/NA	Water	8011	209354

Prep Batch: 209354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Total/NA	Water	8011	
480-69567-2	MP-235CR	Total/NA	Water	8011	
480-69567-3	MP-235BR	Total/NA	Water	8011	
480-69567-4	MP-235R	Total/NA	Water	8011	
480-69567-5	MP-237	Total/NA	Water	8011	
480-69567-6	MP-401A	Total/NA	Water	8011	
480-69567-7	MP-401B	Total/NA	Water	8011	
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	8011	
480-69567-9	MP-233R	Total/NA	Water	8011	
480-69567-10	MP-233AR	Total/NA	Water	8011	
480-69567-11	MP-234R	Total/NA	Water	8011	
LCS 480-209354/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-209354/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

GC Semi VOA (Continued)

Prep Batch: 209354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-209354/1-A	Method Blank	Total/NA	Water	8011	

Prep Batch: 209623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-12	MP-234AR	Total/NA	Water	8011	
480-69567-13	MP-402A	Total/NA	Water	8011	
480-69567-14	MP-274	Total/NA	Water	8011	
480-69567-15	MP-274A	Total/NA	Water	8011	
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	8011	
480-69567-17	MP-281	Total/NA	Water	8011	
480-69567-18	MP-281C	Total/NA	Water	8011	
480-69567-18MS	MP-281C	Total/NA	Water	8011	
480-69567-18MSD	MP-281C	Total/NA	Water	8011	
480-69567-19	MP-404A	Total/NA	Water	8011	
480-69567-20	FIELD BLANK DMP	Total/NA	Water	8011	
480-69567-21	MP-213A	Total/NA	Water	8011	
480-69567-22	MP-238R	Total/NA	Water	8011	
480-69567-23	MP-403A	Total/NA	Water	8011	
480-69567-24	MP-214BR	Total/NA	Water	8011	
LCS 480-209623/2-A	Lab Control Sample	Total/NA	Water	8011	
MB 480-209623/1-A	Method Blank	Total/NA	Water	8011	

Prep Batch: 209639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Total/NA	Water	3510C	
480-69567-2	MP-235CR	Total/NA	Water	3510C	
480-69567-3	MP-235BR	Total/NA	Water	3510C	
480-69567-4	MP-235R	Total/NA	Water	3510C	
480-69567-5	MP-237	Total/NA	Water	3510C	
480-69567-6	MP-401A	Total/NA	Water	3510C	
480-69567-7	MP-401B	Total/NA	Water	3510C	
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	3510C	
480-69567-9	MP-233R	Total/NA	Water	3510C	
480-69567-10	MP-233AR	Total/NA	Water	3510C	
480-69567-11	MP-234R	Total/NA	Water	3510C	
480-69567-12	MP-234AR	Total/NA	Water	3510C	
480-69567-13	MP-402A	Total/NA	Water	3510C	
480-69567-14	MP-274	Total/NA	Water	3510C	
480-69567-15	MP-274A	Total/NA	Water	3510C	
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	3510C	
480-69567-17	MP-281	Total/NA	Water	3510C	
480-69567-18	MP-281C	Total/NA	Water	3510C	
480-69567-18MS	MP-281C	Total/NA	Water	3510C	
480-69567-18MSD	MP-281C	Total/NA	Water	3510C	
480-69567-19	MP-404A	Total/NA	Water	3510C	
480-69567-20	FIELD BLANK DMP	Total/NA	Water	3510C	
LCS 480-209639/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-209639/1-A	Method Blank	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Analysis Batch: 209684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-12	MP-234AR	Total/NA	Water	8011	209623
480-69567-13	MP-402A	Total/NA	Water	8011	209623
480-69567-14	MP-274	Total/NA	Water	8011	209623
480-69567-15	MP-274A	Total/NA	Water	8011	209623
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	8011	209623
480-69567-17	MP-281	Total/NA	Water	8011	209623
480-69567-18	MP-281C	Total/NA	Water	8011	209623
480-69567-18MS	MP-281C	Total/NA	Water	8011	209623
480-69567-18MSD	MP-281C	Total/NA	Water	8011	209623
480-69567-19	MP-404A	Total/NA	Water	8011	209623
480-69567-20	FIELD BLANK DMP	Total/NA	Water	8011	209623
480-69567-21	MP-213A	Total/NA	Water	8011	209623
480-69567-22	MP-238R	Total/NA	Water	8011	209623
480-69567-23	MP-403A	Total/NA	Water	8011	209623
480-69567-24	MP-214BR	Total/NA	Water	8011	209623
LCS 480-209623/2-A	Lab Control Sample	Total/NA	Water	8011	209623
MB 480-209623/1-A	Method Blank	Total/NA	Water	8011	209623

Analysis Batch: 209932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Total/NA	Water	8082A	209639
480-69567-2	MP-235CR	Total/NA	Water	8082A	209639
480-69567-3	MP-235BR	Total/NA	Water	8082A	209639
480-69567-4	MP-235R	Total/NA	Water	8082A	209639
480-69567-5	MP-237	Total/NA	Water	8082A	209639
480-69567-6	MP-401A	Total/NA	Water	8082A	209639
480-69567-7	MP-401B	Total/NA	Water	8082A	209639
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	8082A	209639
480-69567-9	MP-233R	Total/NA	Water	8082A	209639
480-69567-10	MP-233AR	Total/NA	Water	8082A	209639
480-69567-11	MP-234R	Total/NA	Water	8082A	209639
480-69567-12	MP-234AR	Total/NA	Water	8082A	209639
480-69567-13	MP-402A	Total/NA	Water	8082A	209639
480-69567-14	MP-274	Total/NA	Water	8082A	209639
480-69567-15	MP-274A	Total/NA	Water	8082A	209639
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	8082A	209639
480-69567-17	MP-281	Total/NA	Water	8082A	209639
480-69567-18	MP-281C	Total/NA	Water	8082A	209639
480-69567-18MS	MP-281C	Total/NA	Water	8082A	209639
480-69567-18MSD	MP-281C	Total/NA	Water	8082A	209639
480-69567-19	MP-404A	Total/NA	Water	8082A	209639
480-69567-20	FIELD BLANK DMP	Total/NA	Water	8082A	209639
LCS 480-209639/2-A	Lab Control Sample	Total/NA	Water	8082A	209639
MB 480-209639/1-A	Method Blank	Total/NA	Water	8082A	209639

Prep Batch: 210024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Total/NA	Water	3510C	
480-69567-22	MP-238R	Total/NA	Water	3510C	
480-69567-23	MP-403A	Total/NA	Water	3510C	
480-69567-24	MP-214BR	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 210024 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-210024/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-210024/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-210024/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 210196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Total/NA	Water	8082A	210024
480-69567-22	MP-238R	Total/NA	Water	8082A	210024
480-69567-23	MP-403A	Total/NA	Water	8082A	210024
480-69567-24	MP-214BR	Total/NA	Water	8082A	210024
LCS 480-210024/2-A	Lab Control Sample	Total/NA	Water	8082A	210024
LCSD 480-210024/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	210024
MB 480-210024/1-A	Method Blank	Total/NA	Water	8082A	210024

Metals

Prep Batch: 208413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	3020A	
480-69451-2	MP-406C	Dissolved	Water	3020A	
480-69451-3	MP-409	Dissolved	Water	3020A	
480-69451-4	MP-280	Dissolved	Water	3020A	
480-69451-6	MP-407	Dissolved	Water	3020A	
480-69451-8	MP-231AR	Dissolved	Water	3020A	
480-69451-9	MP-251A	Dissolved	Water	3020A	
480-69451-10	MP-404	Dissolved	Water	3020A	
480-69451-11	MP-227R	Dissolved	Water	3020A	
480-69451-12	MP-228AR	Dissolved	Water	3020A	
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	3020A	
480-69451-14	MP-230A	Dissolved	Water	3020A	
480-69451-15	MP-232A	Dissolved	Water	3020A	
LCS 480-208413/2-A	Lab Control Sample	Total/NA	Water	3020A	
MB 480-208413/1-A	Method Blank	Total/NA	Water	3020A	

Prep Batch: 208414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-16	MP-211BR	Dissolved	Water	3020A	
480-69451-16 MS	MP-211BR	Dissolved	Water	3020A	
480-69451-16 MSD	MP-211BR	Dissolved	Water	3020A	
480-69451-17	MP-408	Dissolved	Water	3020A	
480-69451-18	MP-206AR	Dissolved	Water	3020A	
480-69451-19	MP-277A	Dissolved	Water	3020A	
480-69451-20	MP-279	Dissolved	Water	3020A	
480-69451-22	MP-244R	Dissolved	Water	3020A	
480-69451-23	MP-244ARR	Dissolved	Water	3020A	
480-69451-24	MP-250	Dissolved	Water	3020A	
480-69451-25	MP-250A	Dissolved	Water	3020A	
480-69451-26	MP-286C	Dissolved	Water	3020A	
LCS 480-208414/2-A	Lab Control Sample	Total/NA	Water	3020A	
MB 480-208414/1-A	Method Blank	Total/NA	Water	3020A	

Metals (Continued)

Prep Batch: 208580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-22	MP-244R	Dissolved	Water	3005A	
480-69451-23	MP-244ARR	Dissolved	Water	3005A	
480-69451-24	MP-250	Dissolved	Water	3005A	
480-69451-25	MP-250A	Dissolved	Water	3005A	
480-69451-26	MP-286C	Dissolved	Water	3005A	
LCS 480-208580/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 480-208580/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 208588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	3005A	
480-69451-1 MS	MP-210AR	Dissolved	Water	3005A	
480-69451-1 MSD	MP-210AR	Dissolved	Water	3005A	
480-69451-2	MP-406C	Dissolved	Water	3005A	
480-69451-3	MP-409	Dissolved	Water	3005A	
480-69451-4	MP-280	Dissolved	Water	3005A	
480-69451-5	MP-280A	Dissolved	Water	3005A	
480-69451-6	MP-407	Dissolved	Water	3005A	
480-69451-7	MP-405A	Dissolved	Water	3005A	
480-69451-8	MP-231AR	Dissolved	Water	3005A	
480-69451-9	MP-251A	Dissolved	Water	3005A	
480-69451-10	MP-404	Dissolved	Water	3005A	
480-69451-11	MP-227R	Dissolved	Water	3005A	
480-69451-12	MP-228AR	Dissolved	Water	3005A	
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	3005A	
480-69451-14	MP-230A	Dissolved	Water	3005A	
480-69451-15	MP-232A	Dissolved	Water	3005A	
480-69451-16	MP-211BR	Dissolved	Water	3005A	
480-69451-17	MP-408	Dissolved	Water	3005A	
480-69451-18	MP-206AR	Dissolved	Water	3005A	
480-69451-19	MP-277A	Dissolved	Water	3005A	
480-69451-20	MP-279	Dissolved	Water	3005A	
LCS 480-208588/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 480-208588/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 208625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	3005A	
480-69567-2	MP-235CR	Dissolved	Water	3005A	
480-69567-3	MP-235BR	Dissolved	Water	3005A	
480-69567-4	MP-235R	Dissolved	Water	3005A	
480-69567-5	MP-237	Dissolved	Water	3005A	
480-69567-6	MP-401A	Dissolved	Water	3005A	
480-69567-7	MP-401B	Dissolved	Water	3005A	
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	3005A	
480-69567-9	MP-233R	Dissolved	Water	3005A	
480-69567-10	MP-233AR	Dissolved	Water	3005A	
480-69567-11	MP-234R	Dissolved	Water	3005A	
480-69567-12	MP-234AR	Dissolved	Water	3005A	
480-69567-13	MP-402A	Dissolved	Water	3005A	
480-69567-14	MP-274	Dissolved	Water	3005A	

Metals (Continued)

Prep Batch: 208625 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-15	MP-274A	Dissolved	Water	3005A	
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	3005A	
480-69567-17	MP-281	Dissolved	Water	3005A	
480-69567-18	MP-281C	Dissolved	Water	3005A	
480-69567-18MS	MP-281C	Dissolved	Water	3005A	
480-69567-18MSD	MP-281C	Dissolved	Water	3005A	
480-69567-19	MP-404A	Dissolved	Water	3005A	
480-69567-20	FIELD BLANK DMP	Dissolved	Water	3005A	
LCS 480-208625/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 480-208625/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 208629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Dissolved	Water	3005A	
480-69567-21 MS	MP-213A	Dissolved	Water	3005A	
480-69567-21 MSD	MP-213A	Dissolved	Water	3005A	
480-69567-22	MP-238R	Dissolved	Water	3005A	
480-69567-23	MP-403A	Dissolved	Water	3005A	
480-69567-24	MP-214BR	Dissolved	Water	3005A	
LCS 480-208629/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 480-208629/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 208717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	7470A	
480-69451-2	MP-406C	Dissolved	Water	7470A	
480-69451-3	MP-409	Dissolved	Water	7470A	
480-69451-4	MP-280	Dissolved	Water	7470A	
480-69451-5	MP-280A	Dissolved	Water	7470A	
480-69451-6	MP-407	Dissolved	Water	7470A	
480-69451-7	MP-405A	Dissolved	Water	7470A	
480-69451-8	MP-231AR	Dissolved	Water	7470A	
480-69451-9	MP-251A	Dissolved	Water	7470A	
480-69451-10	MP-404	Dissolved	Water	7470A	
LCS 480-208717/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-208717/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 208718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-11	MP-227R	Dissolved	Water	7470A	
480-69451-11 MS	MP-227R	Dissolved	Water	7470A	
480-69451-11 MSD	MP-227R	Dissolved	Water	7470A	
480-69451-12	MP-228AR	Dissolved	Water	7470A	
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	7470A	
480-69451-14	MP-230A	Dissolved	Water	7470A	
480-69451-15	MP-232A	Dissolved	Water	7470A	
480-69451-16	MP-211BR	Dissolved	Water	7470A	
480-69451-17	MP-408	Dissolved	Water	7470A	
480-69451-18	MP-206AR	Dissolved	Water	7470A	
480-69451-19	MP-277A	Dissolved	Water	7470A	
480-69451-20	MP-279	Dissolved	Water	7470A	

Metals (Continued)

Prep Batch: 208718 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-22	MP-244R	Dissolved	Water	7470A	
480-69451-23	MP-244ARR	Dissolved	Water	7470A	
480-69451-24	MP-250	Dissolved	Water	7470A	
480-69451-25	MP-250A	Dissolved	Water	7470A	
480-69451-26	MP-286C	Dissolved	Water	7470A	
LCS 480-208718/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-208718/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 208737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	3020A	
480-69567-2	MP-235CR	Dissolved	Water	3020A	
480-69567-3	MP-235BR	Dissolved	Water	3020A	
480-69567-4	MP-235R	Dissolved	Water	3020A	
480-69567-5	MP-237	Dissolved	Water	3020A	
480-69567-6	MP-401A	Dissolved	Water	3020A	
480-69567-7	MP-401B	Dissolved	Water	3020A	
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	3020A	
480-69567-9	MP-233R	Dissolved	Water	3020A	
480-69567-10	MP-233AR	Dissolved	Water	3020A	
480-69567-11	MP-234R	Dissolved	Water	3020A	
480-69567-12	MP-234AR	Dissolved	Water	3020A	
480-69567-13	MP-402A	Dissolved	Water	3020A	
480-69567-14	MP-274	Dissolved	Water	3020A	
480-69567-15	MP-274A	Dissolved	Water	3020A	
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	3020A	
480-69567-17	MP-281	Dissolved	Water	3020A	
480-69567-18	MP-281C	Dissolved	Water	3020A	
480-69567-18MS	MP-281C	Dissolved	Water	3020A	
480-69567-18MSD	MP-281C	Dissolved	Water	3020A	
480-69567-19	MP-404A	Dissolved	Water	3020A	
480-69567-20	FIELD BLANK DMP	Dissolved	Water	3020A	
LCS 480-208737/2-A	Lab Control Sample	Total/NA	Water	3020A	
MB 480-208737/1-A	Method Blank	Total/NA	Water	3020A	

Analysis Batch: 208848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	7470A	208717
480-69451-2	MP-406C	Dissolved	Water	7470A	208717
480-69451-3	MP-409	Dissolved	Water	7470A	208717
480-69451-4	MP-280	Dissolved	Water	7470A	208717
480-69451-5	MP-280A	Dissolved	Water	7470A	208717
480-69451-6	MP-407	Dissolved	Water	7470A	208717
480-69451-7	MP-405A	Dissolved	Water	7470A	208717
480-69451-8	MP-231AR	Dissolved	Water	7470A	208717
480-69451-9	MP-251A	Dissolved	Water	7470A	208717
480-69451-10	MP-404	Dissolved	Water	7470A	208717
480-69451-11	MP-227R	Dissolved	Water	7470A	208718
480-69451-11 MS	MP-227R	Dissolved	Water	7470A	208718
480-69451-11 MSD	MP-227R	Dissolved	Water	7470A	208718
480-69451-12	MP-228AR	Dissolved	Water	7470A	208718

Metals (Continued)

Analysis Batch: 208848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	7470A	208718
480-69451-14	MP-230A	Dissolved	Water	7470A	208718
480-69451-15	MP-232A	Dissolved	Water	7470A	208718
480-69451-16	MP-211BR	Dissolved	Water	7470A	208718
480-69451-17	MP-408	Dissolved	Water	7470A	208718
480-69451-18	MP-206AR	Dissolved	Water	7470A	208718
480-69451-19	MP-277A	Dissolved	Water	7470A	208718
480-69451-20	MP-279	Dissolved	Water	7470A	208718
480-69451-22	MP-244R	Dissolved	Water	7470A	208718
480-69451-23	MP-244ARR	Dissolved	Water	7470A	208718
480-69451-24	MP-250	Dissolved	Water	7470A	208718
480-69451-25	MP-250A	Dissolved	Water	7470A	208718
480-69451-26	MP-286C	Dissolved	Water	7470A	208718
LCS 480-208717/2-A	Lab Control Sample	Total/NA	Water	7470A	208717
LCS 480-208718/2-A	Lab Control Sample	Total/NA	Water	7470A	208718
MB 480-208717/1-A	Method Blank	Total/NA	Water	7470A	208717
MB 480-208718/1-A	Method Blank	Total/NA	Water	7470A	208718

Prep Batch: 208851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Dissolved	Water	3020A	
480-69567-22	MP-238R	Dissolved	Water	3020A	
480-69567-22 MS	MP-238R	Dissolved	Water	3020A	
480-69567-22 MSD	MP-238R	Dissolved	Water	3020A	
480-69567-23	MP-403A	Dissolved	Water	3020A	
480-69567-24	MP-214BR	Dissolved	Water	3020A	
LCS 480-208851/2-A	Lab Control Sample	Total/NA	Water	3020A	
LCSD 480-208851/3-A	Lab Control Sample Dup	Total/NA	Water	3020A	
MB 480-208851/1-A	Method Blank	Total/NA	Water	3020A	

Prep Batch: 209019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-5	MP-280A	Dissolved	Water	3020A	
480-69451-7	MP-405A	Dissolved	Water	3020A	
LCS 480-209019/2-A	Lab Control Sample	Total/NA	Water	3020A	
MB 480-209019/1-A	Method Blank	Total/NA	Water	3020A	

Prep Batch: 209026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	7470A	
480-69567-2	MP-235CR	Dissolved	Water	7470A	
480-69567-3	MP-235BR	Dissolved	Water	7470A	
480-69567-4	MP-235R	Dissolved	Water	7470A	
480-69567-5	MP-237	Dissolved	Water	7470A	
480-69567-6	MP-401A	Dissolved	Water	7470A	
LCS 480-209026/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-209026/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 209028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-7	MP-401B	Dissolved	Water	7470A	

Metals (Continued)

Prep Batch: 209028 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	7470A	
480-69567-9	MP-233R	Dissolved	Water	7470A	
480-69567-10	MP-233AR	Dissolved	Water	7470A	
480-69567-11	MP-234R	Dissolved	Water	7470A	
480-69567-12	MP-234AR	Dissolved	Water	7470A	
480-69567-13	MP-402A	Dissolved	Water	7470A	
480-69567-14	MP-274	Dissolved	Water	7470A	
480-69567-15	MP-274A	Dissolved	Water	7470A	
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	7470A	
480-69567-17	MP-281	Dissolved	Water	7470A	
480-69567-18	MP-281C	Dissolved	Water	7470A	
480-69567-18MS	MP-281C	Dissolved	Water	7470A	
480-69567-18MSD	MP-281C	Dissolved	Water	7470A	
480-69567-19	MP-404A	Dissolved	Water	7470A	
480-69567-20	FIELD BLANK DMP	Dissolved	Water	7470A	
480-69567-21	MP-213A	Dissolved	Water	7470A	
480-69567-22	MP-238R	Dissolved	Water	7470A	
480-69567-23	MP-403A	Dissolved	Water	7470A	
480-69567-24	MP-214BR	Dissolved	Water	7470A	
LCS 480-209028/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-209028/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 209191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	7470A	209026
480-69567-2	MP-235CR	Dissolved	Water	7470A	209026
480-69567-3	MP-235BR	Dissolved	Water	7470A	209026
480-69567-4	MP-235R	Dissolved	Water	7470A	209026
480-69567-5	MP-237	Dissolved	Water	7470A	209026
480-69567-6	MP-401A	Dissolved	Water	7470A	209026
480-69567-7	MP-401B	Dissolved	Water	7470A	209028
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	7470A	209028
480-69567-9	MP-233R	Dissolved	Water	7470A	209028
480-69567-10	MP-233AR	Dissolved	Water	7470A	209028
480-69567-11	MP-234R	Dissolved	Water	7470A	209028
480-69567-12	MP-234AR	Dissolved	Water	7470A	209028
480-69567-13	MP-402A	Dissolved	Water	7470A	209028
480-69567-14	MP-274	Dissolved	Water	7470A	209028
480-69567-15	MP-274A	Dissolved	Water	7470A	209028
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	7470A	209028
480-69567-17	MP-281	Dissolved	Water	7470A	209028
480-69567-18	MP-281C	Dissolved	Water	7470A	209028
480-69567-18MS	MP-281C	Dissolved	Water	7470A	209028
480-69567-18MSD	MP-281C	Dissolved	Water	7470A	209028
480-69567-19	MP-404A	Dissolved	Water	7470A	209028
480-69567-20	FIELD BLANK DMP	Dissolved	Water	7470A	209028
480-69567-21	MP-213A	Dissolved	Water	7470A	209028
480-69567-22	MP-238R	Dissolved	Water	7470A	209028
480-69567-23	MP-403A	Dissolved	Water	7470A	209028
480-69567-24	MP-214BR	Dissolved	Water	7470A	209028
LCS 480-209026/2-A	Lab Control Sample	Total/NA	Water	7470A	209026

Metals (Continued)

Analysis Batch: 209191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-209028/2-A	Lab Control Sample	Total/NA	Water	7470A	209028
MB 480-209026/1-A	Method Blank	Total/NA	Water	7470A	209026
MB 480-209028/1-A	Method Blank	Total/NA	Water	7470A	209028

Analysis Batch: 209224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	6010C	208588
480-69451-1 MS	MP-210AR	Dissolved	Water	6010C	208588
480-69451-1 MSD	MP-210AR	Dissolved	Water	6010C	208588
480-69451-2	MP-406C	Dissolved	Water	6010C	208588
480-69451-3	MP-409	Dissolved	Water	6010C	208588
480-69451-4	MP-280	Dissolved	Water	6010C	208588
480-69451-5	MP-280A	Dissolved	Water	6010C	208588
480-69451-6	MP-407	Dissolved	Water	6010C	208588
480-69451-7	MP-405A	Dissolved	Water	6010C	208588
480-69451-8	MP-231AR	Dissolved	Water	6010C	208588
480-69451-9	MP-251A	Dissolved	Water	6010C	208588
480-69451-10	MP-404	Dissolved	Water	6010C	208588
480-69451-11	MP-227R	Dissolved	Water	6010C	208588
480-69451-12	MP-228AR	Dissolved	Water	6010C	208588
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	6010C	208588
480-69451-14	MP-230A	Dissolved	Water	6010C	208588
480-69451-15	MP-232A	Dissolved	Water	6010C	208588
480-69451-16	MP-211BR	Dissolved	Water	6010C	208588
480-69451-17	MP-408	Dissolved	Water	6010C	208588
480-69451-18	MP-206AR	Dissolved	Water	6010C	208588
480-69451-19	MP-277A	Dissolved	Water	6010C	208588
480-69451-20	MP-279	Dissolved	Water	6010C	208588
LCS 480-208588/2-A	Lab Control Sample	Total Recoverable	Water	6010C	208588
MB 480-208588/1-A	Method Blank	Total Recoverable	Water	6010C	208588

Analysis Batch: 209226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Dissolved	Water	6010C	208629
480-69567-21 MS	MP-213A	Dissolved	Water	6010C	208629
480-69567-21 MSD	MP-213A	Dissolved	Water	6010C	208629
480-69567-22	MP-238R	Dissolved	Water	6010C	208629
480-69567-23	MP-403A	Dissolved	Water	6010C	208629
480-69567-24	MP-214BR	Dissolved	Water	6010C	208629
LCS 480-208629/2-A	Lab Control Sample	Total Recoverable	Water	6010C	208629
MB 480-208629/1-A	Method Blank	Total Recoverable	Water	6010C	208629

Analysis Batch: 209227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-22	MP-244R	Dissolved	Water	6010C	208580
480-69451-23	MP-244ARR	Dissolved	Water	6010C	208580
480-69451-24	MP-250	Dissolved	Water	6010C	208580
480-69451-25	MP-250A	Dissolved	Water	6010C	208580
480-69451-26	MP-286C	Dissolved	Water	6010C	208580
LCS 480-208580/2-A	Lab Control Sample	Total Recoverable	Water	6010C	208580
MB 480-208580/1-A	Method Blank	Total Recoverable	Water	6010C	208580

Metals (Continued)

Analysis Batch: 209327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Dissolved	Water	6020A	208851
480-69567-22	MP-238R	Dissolved	Water	6020A	208851
480-69567-22 MS	MP-238R	Dissolved	Water	6020A	208851
480-69567-22 MSD	MP-238R	Dissolved	Water	6020A	208851
480-69567-23	MP-403A	Dissolved	Water	6020A	208851
480-69567-24	MP-214BR	Dissolved	Water	6020A	208851
LCS 480-208851/2-A	Lab Control Sample	Total/NA	Water	6020A	208851
LCSD 480-208851/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	208851
MB 480-208851/1-A	Method Blank	Total/NA	Water	6020A	208851

Analysis Batch: 209685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Dissolved	Water	6020A	208851
480-69567-22	MP-238R	Dissolved	Water	6020A	208851
480-69567-22 MS	MP-238R	Dissolved	Water	6020A	208851
480-69567-22 MSD	MP-238R	Dissolved	Water	6020A	208851
480-69567-23	MP-403A	Dissolved	Water	6020A	208851
480-69567-24	MP-214BR	Dissolved	Water	6020A	208851
LCS 480-208851/2-A	Lab Control Sample	Total/NA	Water	6020A	208851
LCSD 480-208851/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	208851
MB 480-208851/1-A	Method Blank	Total/NA	Water	6020A	208851

Analysis Batch: 209797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	6010C	208625
480-69567-2	MP-235CR	Dissolved	Water	6010C	208625
480-69567-3	MP-235BR	Dissolved	Water	6010C	208625
480-69567-4	MP-235R	Dissolved	Water	6010C	208625
480-69567-5	MP-237	Dissolved	Water	6010C	208625
480-69567-6	MP-401A	Dissolved	Water	6010C	208625
480-69567-7	MP-401B	Dissolved	Water	6010C	208625
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	6010C	208625
480-69567-9	MP-233R	Dissolved	Water	6010C	208625
480-69567-10	MP-233AR	Dissolved	Water	6010C	208625
480-69567-11	MP-234R	Dissolved	Water	6010C	208625
480-69567-12	MP-234AR	Dissolved	Water	6010C	208625
480-69567-13	MP-402A	Dissolved	Water	6010C	208625
480-69567-14	MP-274	Dissolved	Water	6010C	208625
480-69567-15	MP-274A	Dissolved	Water	6010C	208625
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	6010C	208625
480-69567-17	MP-281	Dissolved	Water	6010C	208625
480-69567-18	MP-281C	Dissolved	Water	6010C	208625
480-69567-18MS	MP-281C	Dissolved	Water	6010C	208625
480-69567-18MSD	MP-281C	Dissolved	Water	6010C	208625
480-69567-19	MP-404A	Dissolved	Water	6010C	208625
480-69567-20	FIELD BLANK DMP	Dissolved	Water	6010C	208625
LCS 480-208625/2-A	Lab Control Sample	Total Recoverable	Water	6010C	208625
MB 480-208625/1-A	Method Blank	Total Recoverable	Water	6010C	208625

Metals (Continued)

Analysis Batch: 210070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-5	MP-280A	Dissolved	Water	6020A	209019
480-69451-7	MP-405A	Dissolved	Water	6020A	209019
LCS 480-209019/2-A	Lab Control Sample	Total/NA	Water	6020A	209019
MB 480-209019/1-A	Method Blank	Total/NA	Water	6020A	209019

Analysis Batch: 210239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	6020A	208413
480-69451-2	MP-406C	Dissolved	Water	6020A	208413
480-69451-3	MP-409	Dissolved	Water	6020A	208413
480-69451-4	MP-280	Dissolved	Water	6020A	208413
480-69451-6	MP-407	Dissolved	Water	6020A	208413
480-69451-8	MP-231AR	Dissolved	Water	6020A	208413
480-69451-9	MP-251A	Dissolved	Water	6020A	208413
480-69451-10	MP-404	Dissolved	Water	6020A	208413
480-69451-11	MP-227R	Dissolved	Water	6020A	208413
480-69451-12	MP-228AR	Dissolved	Water	6020A	208413
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	6020A	208413
480-69451-14	MP-230A	Dissolved	Water	6020A	208413
480-69451-15	MP-232A	Dissolved	Water	6020A	208413
LCS 480-208413/2-A	Lab Control Sample	Total/NA	Water	6020A	208413
MB 480-208413/1-A	Method Blank	Total/NA	Water	6020A	208413

Analysis Batch: 210505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-16	MP-211BR	Dissolved	Water	6020A	208414
480-69451-16 MS	MP-211BR	Dissolved	Water	6020A	208414
480-69451-16 MSD	MP-211BR	Dissolved	Water	6020A	208414
480-69451-17	MP-408	Dissolved	Water	6020A	208414
480-69451-18	MP-206AR	Dissolved	Water	6020A	208414
480-69451-19	MP-277A	Dissolved	Water	6020A	208414
480-69451-20	MP-279	Dissolved	Water	6020A	208414
480-69451-22	MP-244R	Dissolved	Water	6020A	208414
480-69451-23	MP-244ARR	Dissolved	Water	6020A	208414
480-69451-24	MP-250	Dissolved	Water	6020A	208414
480-69451-25	MP-250A	Dissolved	Water	6020A	208414
480-69451-26	MP-286C	Dissolved	Water	6020A	208414
LCS 480-208414/2-A	Lab Control Sample	Total/NA	Water	6020A	208414
MB 480-208414/1-A	Method Blank	Total/NA	Water	6020A	208414

Prep Batch: 210731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-6	MP-407	Dissolved	Water	3020A	
LCS 480-210731/2-A	Lab Control Sample	Total/NA	Water	3020A	
MB 480-210731/1-A	Method Blank	Total/NA	Water	3020A	

Analysis Batch: 210804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-23	MP-244ARR	Dissolved	Water	6020A	208414
480-69451-24	MP-250	Dissolved	Water	6020A	208414
480-69451-25	MP-250A	Dissolved	Water	6020A	208414

Metals (Continued)

Analysis Batch: 210804 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-26	MP-286C	Dissolved	Water	6020A	208414

Analysis Batch: 211709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-6	MP-407	Dissolved	Water	6020A	210731
LCS 480-210731/2-A	Lab Control Sample	Total/NA	Water	6020A	210731
MB 480-210731/1-A	Method Blank	Total/NA	Water	6020A	210731

Analysis Batch: 213132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	6020A	208737
480-69567-2	MP-235CR	Dissolved	Water	6020A	208737
480-69567-3	MP-235BR	Dissolved	Water	6020A	208737
480-69567-4	MP-235R	Dissolved	Water	6020A	208737
480-69567-5	MP-237	Dissolved	Water	6020A	208737
480-69567-6	MP-401A	Dissolved	Water	6020A	208737
480-69567-7	MP-401B	Dissolved	Water	6020A	208737
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	6020A	208737
480-69567-9	MP-233R	Dissolved	Water	6020A	208737
480-69567-10	MP-233AR	Dissolved	Water	6020A	208737
480-69567-11	MP-234R	Dissolved	Water	6020A	208737
480-69567-12	MP-234AR	Dissolved	Water	6020A	208737
480-69567-13	MP-402A	Dissolved	Water	6020A	208737
480-69567-14	MP-274	Dissolved	Water	6020A	208737
480-69567-15	MP-274A	Dissolved	Water	6020A	208737
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	6020A	208737
480-69567-17	MP-281	Dissolved	Water	6020A	208737
480-69567-18	MP-281C	Dissolved	Water	6020A	208737
480-69567-18MS	MP-281C	Dissolved	Water	6020A	208737
480-69567-18MSD	MP-281C	Dissolved	Water	6020A	208737
480-69567-19	MP-404A	Dissolved	Water	6020A	208737
480-69567-20	FIELD BLANK DMP	Dissolved	Water	6020A	208737
LCS 480-208737/2-A	Lab Control Sample	Total/NA	Water	6020A	208737
MB 480-208737/1-A	Method Blank	Total/NA	Water	6020A	208737

Analysis Batch: 217579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-9	MP-233R	Dissolved	Water	6020A	208737

Analysis Batch: 218122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-17	MP-408	Dissolved	Water	6020A	208414
480-69451-20	MP-279	Dissolved	Water	6020A	208414
480-69567-11	MP-234R	Dissolved	Water	6020A	208737

General Chemistry

Analysis Batch: 212372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-6	MP-407	Total/NA	Water	9060A	

General Chemistry (Continued)

Analysis Batch: 212372 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-6 DU	MP-407	Total/NA	Water	9060A	
480-69451-7	MP-405A	Total/NA	Water	9060A	
480-69451-7 MS	MP-405A	Total/NA	Water	9060A	
480-69451-8	MP-231AR	Total/NA	Water	9060A	
480-69451-9	MP-251A	Total/NA	Water	9060A	
480-69451-10	MP-404	Total/NA	Water	9060A	
480-69451-11	MP-227R	Total/NA	Water	9060A	
480-69451-12	MP-228AR	Total/NA	Water	9060A	
480-69451-12 DU	MP-228AR	Total/NA	Water	9060A	
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	9060A	
480-69451-14	MP-230A	Total/NA	Water	9060A	
480-69451-14 MS	MP-230A	Total/NA	Water	9060A	
480-69451-16	MP-211BR	Total/NA	Water	9060A	
480-69451-17	MP-408	Total/NA	Water	9060A	
480-69451-18	MP-206AR	Total/NA	Water	9060A	
480-69451-19	MP-277A	Total/NA	Water	9060A	
480-69451-20	MP-279	Total/NA	Water	9060A	
LCS 480-212372/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-212372/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 212945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-3	MP-409	Total/NA	Water	9060A	
LCS 480-212945/30	Lab Control Sample	Total/NA	Water	9060A	
MB 480-212945/29	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 212970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	9060A	
480-69451-4	MP-280	Total/NA	Water	9060A	
480-69451-22	MP-244R	Total/NA	Water	9060A	
LCS 480-212970/28	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-212970/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-212970/27	Method Blank	Total/NA	Water	9060A	
MB 480-212970/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 213037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-5	MP-280A	Total/NA	Water	9060A	
480-69451-15	MP-232A	Total/NA	Water	9060A	
480-69451-23	MP-244ARR	Total/NA	Water	9060A	
480-69451-24	MP-250	Total/NA	Water	9060A	
480-69451-25	MP-250A	Total/NA	Water	9060A	
480-69451-26	MP-286C	Total/NA	Water	9060A	
480-69567-6	MP-401A	Total/NA	Water	9060A	
480-69567-7	MP-401B	Total/NA	Water	9060A	
480-69567-12	MP-234AR	Total/NA	Water	9060A	
480-69567-12 DU	MP-234AR	Total/NA	Water	9060A	
480-69567-13	MP-402A	Total/NA	Water	9060A	
480-69567-13 MS	MP-402A	Total/NA	Water	9060A	
480-69567-18	MP-281C	Total/NA	Water	9060A	

General Chemistry (Continued)

Analysis Batch: 213037 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-18MS	MP-281C	Total/NA	Water	9060A	
480-69567-18MSD	MP-281C	Total/NA	Water	9060A	
LCS 480-213037/28	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-213037/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-213037/27	Method Blank	Total/NA	Water	9060A	
MB 480-213037/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 213454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-2	MP-406C	Total/NA	Water	9060A	
480-69567-1	MP-241R	Total/NA	Water	9060A	
480-69567-1 DU	MP-241R	Total/NA	Water	9060A	
480-69567-2	MP-235CR	Total/NA	Water	9060A	
480-69567-2 MS	MP-235CR	Total/NA	Water	9060A	
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	9060A	
480-69567-8 DU	DUPLICATE DMP #2	Total/NA	Water	9060A	
480-69567-9	MP-233R	Total/NA	Water	9060A	
480-69567-9 MS	MP-233R	Total/NA	Water	9060A	
LCS 480-213454/28	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-213454/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-213454/27	Method Blank	Total/NA	Water	9060A	
MB 480-213454/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 213471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-3	MP-235BR	Total/NA	Water	9060A	
480-69567-4	MP-235R	Total/NA	Water	9060A	
480-69567-5	MP-237	Total/NA	Water	9060A	
480-69567-10	MP-233AR	Total/NA	Water	9060A	
480-69567-11	MP-234R	Total/NA	Water	9060A	
480-69567-14	MP-274	Total/NA	Water	9060A	
480-69567-15	MP-274A	Total/NA	Water	9060A	
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	9060A	
480-69567-17	MP-281	Total/NA	Water	9060A	
480-69567-21	MP-213A	Total/NA	Water	9060A	
480-69567-21 MS	MP-213A	Total/NA	Water	9060A	
480-69567-23	MP-403A	Total/NA	Water	9060A	
LCS 480-213471/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-213471/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 213751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-20	FIELD BLANK DMP	Total/NA	Water	9060A	
480-69567-22	MP-238R	Total/NA	Water	9060A	
480-69567-24	MP-214BR	Total/NA	Water	9060A	
LCS 480-213751/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-213751/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 213805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-19	MP-404A	Total/NA	Water	9060A	

General Chemistry (Continued)

Analysis Batch: 213805 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-213805/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-213805/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 216371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-216371/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-216371/3	Method Blank	Total/NA	Water	9060A	

Field Service / Mobile Lab

Analysis Batch: 210212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	Field Sampling	
480-69451-2	MP-406C	Total/NA	Water	Field Sampling	
480-69451-3	MP-409	Total/NA	Water	Field Sampling	
480-69451-4	MP-280	Total/NA	Water	Field Sampling	
480-69451-5	MP-280A	Total/NA	Water	Field Sampling	
480-69451-6	MP-407	Total/NA	Water	Field Sampling	
480-69451-7	MP-405A	Total/NA	Water	Field Sampling	
480-69451-8	MP-231AR	Total/NA	Water	Field Sampling	
480-69451-9	MP-251A	Total/NA	Water	Field Sampling	
480-69451-10	MP-404	Total/NA	Water	Field Sampling	
480-69451-11	MP-227R	Total/NA	Water	Field Sampling	
480-69451-12	MP-228AR	Total/NA	Water	Field Sampling	
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	Field Sampling	
480-69451-14	MP-230A	Total/NA	Water	Field Sampling	
480-69451-15	MP-232A	Total/NA	Water	Field Sampling	
480-69451-16	MP-211BR	Total/NA	Water	Field Sampling	
480-69451-17	MP-408	Total/NA	Water	Field Sampling	
480-69451-18	MP-206AR	Total/NA	Water	Field Sampling	
480-69451-19	MP-277A	Total/NA	Water	Field Sampling	
480-69451-20	MP-279	Total/NA	Water	Field Sampling	
480-69451-22	MP-244R	Total/NA	Water	Field Sampling	
480-69451-23	MP-244ARR	Total/NA	Water	Field Sampling	
480-69451-24	MP-250	Total/NA	Water	Field Sampling	
480-69451-25	MP-250A	Total/NA	Water	Field Sampling	
480-69451-26	MP-286C	Total/NA	Water	Field Sampling	
480-69567-1	MP-241R	Total/NA	Water	Field Sampling	
480-69567-2	MP-235CR	Total/NA	Water	Field Sampling	
480-69567-3	MP-235BR	Total/NA	Water	Field Sampling	
480-69567-4	MP-235R	Total/NA	Water	Field Sampling	
480-69567-5	MP-237	Total/NA	Water	Field Sampling	
480-69567-6	MP-401A	Total/NA	Water	Field Sampling	
480-69567-7	MP-401B	Total/NA	Water	Field Sampling	
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	Field Sampling	
480-69567-9	MP-233R	Total/NA	Water	Field Sampling	
480-69567-10	MP-233AR	Total/NA	Water	Field Sampling	
480-69567-11	MP-234R	Total/NA	Water	Field Sampling	
480-69567-12	MP-234AR	Total/NA	Water	Field Sampling	
480-69567-13	MP-402A	Total/NA	Water	Field Sampling	

Field Service / Mobile Lab (Continued)

Analysis Batch: 210212 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-14	MP-274	Total/NA	Water	Field Sampling	
480-69567-15	MP-274A	Total/NA	Water	Field Sampling	
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	Field Sampling	
480-69567-17	MP-281	Total/NA	Water	Field Sampling	
480-69567-18	MP-281C	Total/NA	Water	Field Sampling	
480-69567-18MS	MP-281C	Total/NA	Water	Field Sampling	
480-69567-18MSD	MP-281C	Total/NA	Water	Field Sampling	
480-69567-19	MP-404A	Total/NA	Water	Field Sampling	
480-69567-20	FIELD BLANK DMP	Total/NA	Water	Field Sampling	
480-69567-21	MP-213A	Total/NA	Water	Field Sampling	
480-69567-22	MP-238R	Total/NA	Water	Field Sampling	
480-69567-23	MP-403A	Total/NA	Water	Field Sampling	
480-69567-24	MP-214BR	Total/NA	Water	Field Sampling	

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-210AR

Lab Sample ID: 480-69451-1
Date Collected: 10/14/14 15:15
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 13:02	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 05:17	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 09:59	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:22	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 09:57	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:25	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212970	11/08/14 02:44	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 15:15	FLD	TAL BUF

Client Sample ID: MP-406C

Lab Sample ID: 480-69451-2
Date Collected: 10/13/14 14:15
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 13:27	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 05:44	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 10:15	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:36	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:03	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:26	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213454	11/10/14 18:12	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/13/14 14:15	FLD	TAL BUF

Client Sample ID: MP-409

Lab Sample ID: 480-69451-3
Date Collected: 10/13/14 15:35
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 13:52	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 06:11	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-409

Lab Sample ID: 480-69451-3

Date Collected: 10/13/14 15:35
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082A		1	208749	10/20/14 10:31	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:39	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:08	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:28	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212945	11/08/14 07:01	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/13/14 15:35	FLD	TAL BUF

Client Sample ID: MP-280

Lab Sample ID: 480-69451-4

Date Collected: 10/14/14 11:35
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 14:16	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 06:38	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 10:47	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:42	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:14	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:30	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212970	11/08/14 01:13	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 11:35	FLD	TAL BUF

Client Sample ID: MP-280A

Lab Sample ID: 480-69451-5

Date Collected: 10/14/14 12:10
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 14:41	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 07:32	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 11:03	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:53	LMH	TAL BUF
Dissolved	Prep	3020A			209019	10/21/14 11:06	TRP	TAL BUF
Dissolved	Analysis	6020A		1	210070	10/24/14 23:15	MTM2	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-280A

Lab Sample ID: 480-69451-5

Date Collected: 10/14/14 12:10
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:31	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 16:44	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 12:10	FLD	TAL BUF

Client Sample ID: MP-407

Lab Sample ID: 480-69451-6

Date Collected: 10/14/14 08:50
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 15:06	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 07:59	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 11:19	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:56	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:19	MTM2	TAL BUF
Dissolved	Prep	3020A			210731	10/29/14 11:35	LED	TAL BUF
Dissolved	Analysis	6020A		1	211709	11/01/14 06:33	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:33	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 15:08	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 08:50	FLD	TAL BUF

Client Sample ID: MP-405A

Lab Sample ID: 480-69451-7

Date Collected: 10/14/14 10:40
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 15:30	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 08:26	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 11:34	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:59	LMH	TAL BUF
Dissolved	Prep	3020A			209019	10/21/14 11:06	TRP	TAL BUF
Dissolved	Analysis	6020A		1	210070	10/24/14 23:21	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:35	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 16:03	NCH	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-405A

Lab Sample ID: 480-69451-7

Date Collected: 10/14/14 10:40
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 10:40	FLD	TAL BUF

Client Sample ID: MP-231AR

Lab Sample ID: 480-69451-8

Date Collected: 10/14/14 14:10
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 15:55	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 08:53	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 12:22	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:02	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:25	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:37	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 16:57	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 14:10	FLD	TAL BUF

Client Sample ID: MP-251A

Lab Sample ID: 480-69451-9

Date Collected: 10/14/14 14:55
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 16:20	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 09:20	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 12:38	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:05	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:30	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:38	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 17:24	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 14:55	FLD	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-404

Lab Sample ID: 480-69451-10

Date Collected: 10/14/14 15:40
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 16:45	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 09:47	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 12:54	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:08	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:54	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:40	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 17:51	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 15:40	FLD	TAL BUF

Client Sample ID: MP-227R

Lab Sample ID: 480-69451-11

Date Collected: 10/14/14 11:42
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 12:58	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 10:41	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 13:10	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:11	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 11:00	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:49	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 18:19	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 11:42	FLD	TAL BUF

Client Sample ID: MP-228AR

Lab Sample ID: 480-69451-12

Date Collected: 10/14/14 13:35
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 13:20	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 11:08	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 13:26	DLE	TAL BUF

Client Sample ID: MP-228AR

Lab Sample ID: 480-69451-12

Date Collected: 10/14/14 13:35

Matrix: Water

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:14	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 11:05	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:56	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 19:40	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 13:35	FLD	TAL BUF

Client Sample ID: DUPLICATE-DMP #1

Lab Sample ID: 480-69451-13

Date Collected: 10/14/14 13:35

Matrix: Water

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 13:42	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 11:52	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 13:42	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:17	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 11:11	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:57	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 20:35	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 13:35	FLD	TAL BUF

Client Sample ID: MP-230A

Lab Sample ID: 480-69451-14

Date Collected: 10/14/14 15:16

Matrix: Water

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 14:05	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 12:19	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 13:57	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:28	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 11:16	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-230A

Lab Sample ID: 480-69451-14

Date Collected: 10/14/14 15:16
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	7470A		1	208848	10/20/14 12:59	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 21:02	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 15:16	FLD	TAL BUF

Client Sample ID: MP-232A

Lab Sample ID: 480-69451-15

Date Collected: 10/14/14 16:02
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 14:27	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 12:46	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 14:13	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:31	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 11:22	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:01	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 16:16	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 16:02	FLD	TAL BUF

Client Sample ID: MP-211BR

Lab Sample ID: 480-69451-16

Date Collected: 10/13/14 15:00
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 17:09	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 13:14	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 09:53	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:34	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 01:46	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:06	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 21:56	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/13/14 15:00	FLD	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-408

Lab Sample ID: 480-69451-17

Date Collected: 10/14/14 09:50
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	211255	10/31/14 13:50	GTG	TAL BUF
Total/NA	Analysis	8260C	DL	5	210181	10/27/14 14:49	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 14:08	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 10:08	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:37	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 02:16	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	218122	12/09/14 14:23	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:08	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 22:24	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 09:50	FLD	TAL BUF

Client Sample ID: MP-206AR

Lab Sample ID: 480-69451-18

Date Collected: 10/14/14 16:30
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 15:12	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 14:36	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 10:23	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:40	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 02:22	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:10	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 22:51	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 16:30	FLD	TAL BUF

Client Sample ID: MP-277A

Lab Sample ID: 480-69451-19

Date Collected: 10/14/14 17:25
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 15:34	GTG	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-277A

Lab Sample ID: 480-69451-19

Date Collected: 10/14/14 17:25
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 15:03	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 10:37	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:43	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 02:28	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:11	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 23:19	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 17:25	FLD	TAL BUF

Client Sample ID: MP-279

Lab Sample ID: 480-69451-20

Date Collected: 10/14/14 18:10
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 15:57	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 15:30	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 10:52	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:45	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 02:53	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	218122	12/09/14 14:38	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:13	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 23:46	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 18:10	FLD	TAL BUF

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-69451-21

Date Collected: 10/14/14 00:00
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 16:19	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/18/14 22:56	KS	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-244R

Lab Sample ID: 480-69451-22

Date Collected: 10/14/14 14:45
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 16:41	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/18/14 23:23	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 11:07	DLE	TAL BUF
Dissolved	Prep	3005A			208580	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209227	10/21/14 19:00	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 02:59	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:15	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212970	11/08/14 03:14	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 14:45	FLD	TAL BUF

Client Sample ID: MP-244ARR

Lab Sample ID: 480-69451-23

Date Collected: 10/14/14 15:26
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 17:04	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/18/14 23:51	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 11:22	DLE	TAL BUF
Dissolved	Prep	3005A			208580	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209227	10/21/14 19:11	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 03:05	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210804	10/29/14 07:10	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:16	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 18:07	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 15:26	FLD	TAL BUF

Client Sample ID: MP-250

Lab Sample ID: 480-69451-24

Date Collected: 10/14/14 16:13
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 17:26	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 00:18	KS	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-250

Lab Sample ID: 480-69451-24

Date Collected: 10/14/14 16:13
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 12:06	DLE	TAL BUF
Dissolved	Prep	3005A			208580	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209227	10/21/14 19:14	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 03:11	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210804	10/29/14 07:16	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:19	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 23:40	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 16:13	FLD	TAL BUF

Client Sample ID: MP-250A

Lab Sample ID: 480-69451-25

Date Collected: 10/14/14 16:54
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 17:48	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 00:45	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 12:21	DLE	TAL BUF
Dissolved	Prep	3005A			208580	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209227	10/21/14 19:17	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 03:17	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210804	10/29/14 07:23	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:20	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 17:12	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 16:54	FLD	TAL BUF

Client Sample ID: MP-286C

Lab Sample ID: 480-69451-26

Date Collected: 10/14/14 17:55
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 18:10	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 01:13	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-286C

Lab Sample ID: 480-69451-26

Date Collected: 10/14/14 17:55
Matrix: Water
Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082A		1	208756	10/20/14 12:36	DLE	TAL BUF
Dissolved	Prep	3005A			208580	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209227	10/21/14 19:20	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 03:23	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210804	10/29/14 07:29	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:22	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 17:39	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 17:55	FLD	TAL BUF

Client Sample ID: MP-241R

Lab Sample ID: 480-69567-1

Date Collected: 10/15/14 10:07
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 21:23	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 11:06	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 04:49	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:27	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:01	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:01	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213454	11/10/14 15:24	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 10:07	FLD	TAL BUF

Client Sample ID: MP-235CR

Lab Sample ID: 480-69567-2

Date Collected: 10/15/14 11:15
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 21:47	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 12:00	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 05:04	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:29	AMH	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235CR

Lab Sample ID: 480-69567-2

Date Collected: 10/15/14 11:15
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:06	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:03	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213454	11/10/14 16:20	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 11:15	FLD	TAL BUF

Client Sample ID: MP-235BR

Lab Sample ID: 480-69567-3

Date Collected: 10/15/14 12:07
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 22:11	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 12:27	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 05:19	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:32	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:12	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:04	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 04:45	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:07	FLD	TAL BUF

Client Sample ID: MP-235R

Lab Sample ID: 480-69567-4

Date Collected: 10/15/14 12:59
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 22:35	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 12:55	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 05:34	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:35	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:18	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:06	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 05:13	NCH	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235R

Lab Sample ID: 480-69567-4

Date Collected: 10/15/14 12:59
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:59	FLD	TAL BUF

Client Sample ID: MP-237

Lab Sample ID: 480-69567-5

Date Collected: 10/15/14 14:00
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 22:58	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 13:22	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 05:49	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:38	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:42	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:08	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 05:40	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 14:00	FLD	TAL BUF

Client Sample ID: MP-401A

Lab Sample ID: 480-69567-6

Date Collected: 10/15/14 10:40
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 23:22	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 13:50	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 06:03	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:41	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:47	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:09	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/09/14 03:46	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 10:40	FLD	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-401B

Lab Sample ID: 480-69567-7
Date Collected: 10/15/14 11:16
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 23:46	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 14:44	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 06:48	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:43	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:53	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:17	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/09/14 04:14	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 11:16	FLD	TAL BUF

Client Sample ID: DUPLICATE DMP #2

Lab Sample ID: 480-69567-8
Date Collected: 10/15/14 11:16
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 00:09	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 15:12	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 07:03	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:46	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:58	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:19	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213454	11/11/14 04:01	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 11:16	FLD	TAL BUF

Client Sample ID: MP-233R

Lab Sample ID: 480-69567-9
Date Collected: 10/15/14 12:22
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 00:33	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 15:40	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 07:18	DLE	TAL BUF

Client Sample ID: MP-233R

Lab Sample ID: 480-69567-9

Date Collected: 10/15/14 12:22
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:49	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:04	MTM2	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	217579	12/05/14 14:33	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:21	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213454	11/11/14 04:57	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:22	FLD	TAL BUF

Client Sample ID: MP-233AR

Lab Sample ID: 480-69567-10

Date Collected: 10/15/14 12:50
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 00:57	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 16:07	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 07:33	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:00	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:10	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:22	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 06:07	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:50	FLD	TAL BUF

Client Sample ID: MP-234R

Lab Sample ID: 480-69567-11

Date Collected: 10/15/14 13:40
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 15:36	GTG	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 16:35	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 07:48	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:03	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-234R

Lab Sample ID: 480-69567-11

Date Collected: 10/15/14 13:40
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	6020A		1	213132	11/09/14 20:15	MTM2	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	218122	12/09/14 14:53	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:24	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 09:19	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 13:40	FLD	TAL BUF

Client Sample ID: MP-234AR

Lab Sample ID: 480-69567-12

Date Collected: 10/15/14 14:24
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 01:44	LCH	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/23/14 21:58	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 08:03	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:06	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:20	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:26	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/09/14 01:57	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 14:24	FLD	TAL BUF

Client Sample ID: MP-402A

Lab Sample ID: 480-69567-13

Date Collected: 10/15/14 14:45
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 02:07	LCH	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/23/14 22:58	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 08:18	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:08	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:26	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:27	LRK	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-402A — Lab Sample ID: 480-69567-13

Date Collected: 10/15/14 14:45 — **Matrix: Water**
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	213037	11/09/14 02:52	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 14:45	FLD	TAL BUF

Client Sample ID: MP-274 — Lab Sample ID: 480-69567-14

Date Collected: 10/15/14 10:05 — **Matrix: Water**
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 02:32	LCH	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/23/14 23:29	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 08:32	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:11	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:31	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:29	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 09:47	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 10:05	FLD	TAL BUF

Client Sample ID: MP-274A — Lab Sample ID: 480-69567-15

Date Collected: 10/15/14 10:50 — **Matrix: Water**
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 16:00	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/23/14 23:59	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 08:47	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:14	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:56	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:34	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 10:14	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 10:50	FLD	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-69567-16

Date Collected: 10/15/14 10:50
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 16:24	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 00:29	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 09:02	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:17	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 21:01	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:36	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 10:41	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 10:50	FLD	TAL BUF

Client Sample ID: MP-281

Lab Sample ID: 480-69567-17

Date Collected: 10/15/14 08:40
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 17:34	CDC	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 00:59	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 09:47	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:20	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 21:07	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:37	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 11:08	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 08:40	FLD	TAL BUF

Client Sample ID: MP-281C

Lab Sample ID: 480-69567-18

Date Collected: 10/15/14 09:15
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 17:12	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/23/14 21:28	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 10:02	DLE	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-281C

Lab Sample ID: 480-69567-18

Date Collected: 10/15/14 09:15
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:22	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 21:12	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:39	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 19:29	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 09:15	FLD	TAL BUF

Client Sample ID: MP-404A

Lab Sample ID: 480-69567-19

Date Collected: 10/15/14 12:40
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 17:59	CDC	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 01:29	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 10:16	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:44	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 21:40	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:45	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213805	11/12/14 06:57	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:40	FLD	TAL BUF

Client Sample ID: FIELD BLANK DMP

Lab Sample ID: 480-69567-20

Date Collected: 10/15/14 11:45
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 17:59	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 02:29	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 10:31	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:47	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 21:46	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: FIELD BLANK DMP

Lab Sample ID: 480-69567-20

Date Collected: 10/15/14 11:45
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	7470A		1	209191	10/21/14 17:47	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213751	11/12/14 16:32	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 11:45	FLD	TAL BUF

Client Sample ID: MP-213A

Lab Sample ID: 480-69567-21

Date Collected: 10/15/14 12:10
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 18:23	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 02:59	JRL	TAL BUF
Total/NA	Prep	3510C			210024	10/25/14 08:13	AJM	TAL BUF
Total/NA	Analysis	8082A		1	210196	10/28/14 14:14	DLE	TAL BUF
Dissolved	Prep	3005A			208629	10/20/14 12:10	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209226	10/21/14 14:42	LMH	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209327	10/22/14 04:35	MTM2	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209685	10/23/14 15:07	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:49	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 08:25	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:10	FLD	TAL BUF

Client Sample ID: MP-238R

Lab Sample ID: 480-69567-22

Date Collected: 10/15/14 13:01
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 18:46	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 03:29	JRL	TAL BUF
Total/NA	Prep	3510C			210024	10/25/14 08:13	AJM	TAL BUF
Total/NA	Analysis	8082A		1	210196	10/28/14 14:33	DLE	TAL BUF
Dissolved	Prep	3005A			208629	10/20/14 12:10	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209226	10/21/14 14:57	LMH	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209327	10/22/14 04:40	MTM2	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209685	10/23/14 15:13	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:54	LRK	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-238R

Lab Sample ID: 480-69567-22
Date Collected: 10/15/14 13:01
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	213751	11/12/14 15:38	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 13:01	FLD	TAL BUF

Client Sample ID: MP-403A

Lab Sample ID: 480-69567-23
Date Collected: 10/15/14 13:28
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 19:10	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 03:59	JRL	TAL BUF
Total/NA	Prep	3510C			210024	10/25/14 08:13	AJM	TAL BUF
Total/NA	Analysis	8082A		1	210196	10/28/14 14:52	DLE	TAL BUF
Dissolved	Prep	3005A			208629	10/20/14 12:10	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209226	10/21/14 15:00	LMH	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209327	10/22/14 05:08	MTM2	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209685	10/23/14 15:43	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:56	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 11:35	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 13:28	FLD	TAL BUF

Client Sample ID: MP-214BR

Lab Sample ID: 480-69567-24
Date Collected: 10/15/14 14:06
Matrix: Water
Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 19:34	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 04:29	JRL	TAL BUF
Total/NA	Prep	3510C			210024	10/25/14 08:13	AJM	TAL BUF
Total/NA	Analysis	8082A		1	210196	10/28/14 15:11	DLE	TAL BUF
Dissolved	Prep	3005A			208629	10/20/14 12:10	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209226	10/21/14 15:11	LMH	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209327	10/22/14 05:32	MTM2	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209685	10/23/14 15:49	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:57	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213751	11/12/14 16:05	CAS	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-214BR

Lab Sample ID: 480-69567-24

Date Collected: 10/15/14 14:06

Matrix: Water

Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 14:06	FLD	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

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

TestAmerica Job ID: 480-69451-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-15
California	State Program	9	1169CA	09-30-15
Connecticut	State Program	1	PH-0568	09-30-16
Florida	NELAP	4	E87672	06-30-15
Georgia	State Program	4	N/A	03-31-15
Georgia	State Program	4	956	03-31-15
Illinois	NELAP	5	200003	09-30-15
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14 *
Kentucky (UST)	State Program	4	30	03-31-15
Louisiana	NELAP	6	02031	06-30-15
Maine	State Program	1	NY00044	12-04-16
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-15
Michigan	State Program	5	9937	03-31-15
Minnesota	NELAP	5	036-999-337	12-31-14 *
New Hampshire	NELAP	1	2337	11-17-15
New Jersey	NELAP	2	NY455	06-30-15
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-15
Oklahoma	State Program	6	9421	08-31-15
Oregon	NELAP	10	NY200003	06-09-15
Pennsylvania	NELAP	3	68-00281	07-31-15
Rhode Island	State Program	1	LAO00328	12-30-14 *
Tennessee	State Program	4	TN02970	03-31-15
Texas	NELAP	6	T104704412-11-2	07-31-15
USDA	Federal		P330-11-00386	11-26-17
Virginia	NELAP	3	460185	09-14-15
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	12-31-14 *
Wisconsin	State Program	5	998310390	08-31-15

* Certification renewal pending - certification considered valid.

Method Summary

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

TestAmerica Job ID: 480-69451-1

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

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 = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

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

TestAmerica Job ID: 480-69451-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-69451-1	MP-210AR	Water	10/14/14 15:15	10/16/14 08:15
480-69451-2	MP-406C	Water	10/13/14 14:15	10/16/14 08:15
480-69451-3	MP-409	Water	10/13/14 15:35	10/16/14 08:15
480-69451-4	MP-280	Water	10/14/14 11:35	10/16/14 08:15
480-69451-5	MP-280A	Water	10/14/14 12:10	10/16/14 08:15
480-69451-6	MP-407	Water	10/14/14 08:50	10/16/14 08:15
480-69451-7	MP-405A	Water	10/14/14 10:40	10/16/14 08:15
480-69451-8	MP-231AR	Water	10/14/14 14:10	10/16/14 08:15
480-69451-9	MP-251A	Water	10/14/14 14:55	10/16/14 08:15
480-69451-10	MP-404	Water	10/14/14 15:40	10/16/14 08:15
480-69451-11	MP-227R	Water	10/14/14 11:42	10/16/14 08:15
480-69451-12	MP-228AR	Water	10/14/14 13:35	10/16/14 08:15
480-69451-13	DUPLICATE-DMP #1	Water	10/14/14 13:35	10/16/14 08:15
480-69451-14	MP-230A	Water	10/14/14 15:16	10/16/14 08:15
480-69451-15	MP-232A	Water	10/14/14 16:02	10/16/14 08:15
480-69451-16	MP-211BR	Water	10/13/14 15:00	10/16/14 08:15
480-69451-17	MP-408	Water	10/14/14 09:50	10/16/14 08:15
480-69451-18	MP-206AR	Water	10/14/14 16:30	10/16/14 08:15
480-69451-19	MP-277A	Water	10/14/14 17:25	10/16/14 08:15
480-69451-20	MP-279	Water	10/14/14 18:10	10/16/14 08:15
480-69451-21	TRIP BLANK	Water	10/14/14 00:00	10/16/14 08:15
480-69451-22	MP-244R	Water	10/14/14 14:45	10/16/14 08:15
480-69451-23	MP-244ARR	Water	10/14/14 15:26	10/16/14 08:15
480-69451-24	MP-250	Water	10/14/14 16:13	10/16/14 08:15
480-69451-25	MP-250A	Water	10/14/14 16:54	10/16/14 08:15
480-69451-26	MP-286C	Water	10/14/14 17:55	10/16/14 08:15
480-69567-1	MP-241R	Water	10/15/14 10:07	10/17/14 09:00
480-69567-2	MP-235CR	Water	10/15/14 11:15	10/17/14 09:00
480-69567-3	MP-235BR	Water	10/15/14 12:07	10/17/14 09:00
480-69567-4	MP-235R	Water	10/15/14 12:59	10/17/14 09:00
480-69567-5	MP-237	Water	10/15/14 14:00	10/17/14 09:00
480-69567-6	MP-401A	Water	10/15/14 10:40	10/17/14 09:00
480-69567-7	MP-401B	Water	10/15/14 11:16	10/17/14 09:00
480-69567-8	DUPLICATE DMP #2	Water	10/15/14 11:16	10/17/14 09:00
480-69567-9	MP-233R	Water	10/15/14 12:22	10/17/14 09:00
480-69567-10	MP-233AR	Water	10/15/14 12:50	10/17/14 09:00
480-69567-11	MP-234R	Water	10/15/14 13:40	10/17/14 09:00
480-69567-12	MP-234AR	Water	10/15/14 14:24	10/17/14 09:00
480-69567-13	MP-402A	Water	10/15/14 14:45	10/17/14 09:00
480-69567-14	MP-274	Water	10/15/14 10:05	10/17/14 09:00
480-69567-15	MP-274A	Water	10/15/14 10:50	10/17/14 09:00
480-69567-16	DUPLICATE DMP #3	Water	10/15/14 10:50	10/17/14 09:00
480-69567-17	MP-281	Water	10/15/14 08:40	10/17/14 09:00
480-69567-18	MP-281C	Water	10/15/14 09:15	10/17/14 09:00
480-69567-19	MP-404A	Water	10/15/14 12:40	10/17/14 09:00
480-69567-20	FIELD BLANK DMP	Water	10/15/14 11:45	10/17/14 09:00
480-69567-21	MP-213A	Water	10/15/14 12:10	10/17/14 09:00
480-69567-22	MP-238R	Water	10/15/14 13:01	10/17/14 09:00
480-69567-23	MP-403A	Water	10/15/14 13:28	10/17/14 09:00
480-69567-24	MP-214BR	Water	10/15/14 14:06	10/17/14 09:00

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480-69451 Chain of Custody

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: DMP w/ TSCA parameters

	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/15/14
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA
100 Old Wilson Bridge Road Suite 115	Analysis Turnaround Time		
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS		
(614) 888-5760 Phone	TAT if different from Below: 21 Days		
(614) 888-5763 FAX	☐ 2 weeks		
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 1 week		
Site: CECOS - Aber Rd	☐ 2 days		
P O #	☐ 1 day		

COC No: _____ of _____ COCs

For Lab Use Only:
Walk-in Client:
Lab Sampling:

Job / SDG No.:

Sampler: NN

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)*	VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
MP-210AR	10/14/14	1515	Grab	GW	11	Y*	X	X	X	X	X		
MP-406C	10/13/14	1415	↓	↓	↓	Y*	X	X	X	X	X		
MP-409	10/13/14	1535	↓	↓	↓	Y*	X	X	X	X	X		
MP-280	10/14/14	1135	↓	↓	↓	Y*	X	X	X	X	X		
MP-280A	↓	1210	↓	↓	↓	Y*	X	X	X	X	X		
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5=NaOH, 6= None							2	2	4	2	6		All samples preserved on ice

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: 2.2 Corr'd: 2.2 Therm ID No.: #1

Relinquished by: Andrew D. Graham	Company: Eagon & Associates, Inc.	Date/Time: 10/15/14 1100	Received by:	Company: Test America	Date/Time: 10/15/14 / 11:00
Relinquished by:	Company: TAI	Date/Time: 10/15/14 1400	Received by:	Company:	Date/Time: 10/16/14 0815
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: **DMP w/ TSCA parameters**

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/15/14	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA	1 of 1 COCs
100 Old Wilson Bridge Road Suite 115	**Analysis Turnaround Time**			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler: MN

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)*	VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
MP-407	10/14/14	0850	Grab	GW	11	Y*	X	X	X	X	X		
MP-405A	↓	1040	↓	↓	↓	Y*	X	X	X	X	X		
MP-231AR	↓	1410	↓	↓	↓	Y*	X	X	X	X	X		
MP-251A	↓	1455	↓	↓	↓	Y*	X	X	X	X	X		
MP-404	↓	1540	↓	↓	↓	Y*	X	X	X	X	X		
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= None							2	2	4	2	6		All samples preserved on ice

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: 2.0 Corr'd: 2.0 | Therm ID No.: #1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew Graham	Eagon & Associates, Inc.	10/15/14 1100	[illegible]	Test America	10/15/14 11:00
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[illegible]	TAI	10/15/14 1400	[illegible]	[illegible]	10/16/14 0815
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
[illegible]			[illegible]		

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: **DMP w/ TSCA parameters**

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/15/14	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA	1 of 1 COCs
100 Old Wilson Bridge Road Suite 115	**Analysis Turnaround Time**			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler: A Graham

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)*	VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
MP-227R	10/14/14	1142	Grab	GW	11	Y*	X	X	X	X	X		
MP-228AR	10/14/14	1335	↓	↓	↓	N*	X	X	X	X	X		
DUPLICATE-DMP #1	↑	1335	↓	↓	↓	N*	X	X	X	X	X		
MP-230A	↓	1516	↓	↓	↓	N*	X	X	X	X	X		
MP-232A	↓	1602	↓	↓	↓	N*	X	X	X	X	X		
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=None							2	2	4	2	6		All samples preserved on ice

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: 2.3 Corr'd: 2.3 | Therm ID No.: #1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew Graham	Eagon & Associates, Inc.	10/15/14 @ 1100			10/16/14 0815
Relinquished by:	Company: TAI	Date/Time: 10/15/14 1400	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: DMP w/ TSCA parameters

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/15/14	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA	1 of 1 COCs
100 Old Wilson Bridge Road Suite 115	Analysis Turnaround Time			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler: NN

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)*	VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
MP-211BR	10/13/14	1500	Grab	GW	11	Y*	X	X	X	X	X		
MP-408	10/14/14	0950	↓	↓	↓	Y*	X	X	X	X	X		*3 additional unpres vials collected
MP-206AR	↓	1630	↓	↓	↓	Y*	X	X	X	X	X		
MP-277A	↓	1225	↓	↓	↓	Y*	X	X	X	X	X		
MP-279	↓	1810	↓	↓	↓	Y*	X	X	X	X	X		
TRIP BLANK	—	—	—	O	4	N	X	X					
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5=NaOH, 6= None							2	2	4	2	6		All samples preserved on ice

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: 1.4 Corr'd: 1.4 | Therm ID No.: #1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew Graham	Eagon & Associates, Inc.	10/15/14@1100		TestAmerica	10/15/14 / 11:00
	TAI	10/15/14 1400			10/16/14 0815
			Received in Laboratory by:		

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: **DMP w/ TSCA parameters**

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/15/14	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA	1 of 1 COCs
100 Old Wilson Bridge Road Suite 115	**Analysis Turnaround Time**			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler: C Gordon

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)*	VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
MP-244R	10/14/14	1445	Grab	GW	1	Y*	X	X	X	X	X		
MP-244ARR	↓	1526	↓	↓	↓	N*	X	X	X	X	X		
MP-250	↓	1613	↓	↓	↓	N*	X	X	X	X	X		
MP-250A	↓	1654	↓	↓	↓	N*	X	X	X	X	X		
MP-286C	↓	1755	↓	↓	↓	N*	X	X	X	X	X		
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= None							2	2	4	2	6		All samples preserved on ice

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: 2.2 Corr'd: 2.2 | Therm ID No.: #1

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Andrew Graham	Eagon & Associates, Inc.	10/15/14 1100		TestAmerica	10/15/14 11:00
Relinquished by:	Company: TAI	Date/Time: 10/15/14 1900	Received by:	Company:	Date/Time: 10/16/14 0815
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

TestAmeric
10 Hazelwood Dri

Amherst, NY 142
phone 716.504.98

480-69567 Chain of Custody

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: DMP w/ TSCA parameters

Client Contact: Eagon & Associates, Inc.	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/16/14
100 Old Wilson Bridge Road Suite 115	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA
Worthington, Ohio 43085	Analysis Turnaround Time		COC No: 1 of 1 COCs
(614) 888-5760 Phone	☑ CALENDAR DAYS ☐ WORKING DAYS		For Lab Use Only:
(614) 888-5763 FAX	TAT if different from Below: 21 Days		Walk-in Client:
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 2 weeks		Lab Sampling:
Site: CECOS - Aber Rd	☐ 1 week		Job / SDG No.:
P O #	☐ 2 days		
	☐ 1 day		Sampler: NK/CG

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)*	VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
MP-241R	10/15/14	1007	Grab	GW	11	Y*	X	X	X	X	X		
MP-235CR	↓	1115	↓	↓	↓	Y*	X	X	X	X	X		
MP-235BR	↓	1207	↓	↓	↓	Y*	X	X	X	X	X		
MP-235R	↓	1259	↓	↓	↓	Y*	X	X	X	X	X		
MP-237	↓	1400	↓	↓	↓	Y*	X	X	X	X	X		
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=None							2	2	4	2	6		All samples preserved on ice

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 Grolak	Eagon & Associates, Inc.	10/16/14 1010	[illegible]	TestAmerica	10/16/14 1010
	TAL	10/16/14 1100	[illegible]	TA Buff	10/17/14 0900
			Received in Laboratory by:		

#1 26

Page 242 of 299

12/10/2014

REP011709

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: **DMP w/ TSCA parameters**

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/16/14	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA	1 of 1 COCs
100 Old Wilson Bridge Road Suite 115	Analysis Turnaround Time			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler: NK/CG

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)*	VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
MP-401A	10/15/14	1040	Grab	GW	11	Y*	X	X	X	X	X		
MP-401B	↓	1116	↓	↓	↓	Y*	X	X	X	X	X		
DUPLICATE DMP #2	↓	1116	↓	↓	↓	Y*	X	X	X	X	X		
MP-233R	↓	1222	↓	↓	↓	Y*	X	X	X	X	X		
MP-233AR	↓	1250	↓	↓	↓	Y*	X	X	X	X	X		
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=None							2	2	4	2	6		All samples preserved on ice

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 Oxgham	Eagon & Associates, Inc.	10/16/14 1010		TestAm	10/16/14 1016
Relinquished by:	Company: TAI 10/16/14 1100	Date/Time:	Received by:	Company: TA BUFF	Date/Time: 10/17/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

#1 2.7

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: **DMP w/ TSCA parameters**

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/16/14	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA	1 of 1 COCs
100 Old Wilson Bridge Road Suite 115	Analysis Turnaround Time			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler: NK/CG

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)*		VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
MP-234R	10/15/14	1340	Grab	GW		Y*		X	X	X	X	X		
MP-234AR	↓	1424	↓	↓		Y*		X	X	X	X	X		
MP-402A	↓	1445	↓	↓		Y*		X	X	X	X	X		
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= None								2	2	4	2	6		All samples preserved on ice

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 Graham	Eagon & Associates, Inc.	10/16/14 1010		TestAmer	10/16/14 1010
	TAI	10/16/14 1100		TA BUFF	10/17/14 0900
			Received in Laboratory by:		

#1 2.9

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12/10/2014

REP011711

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: **DMP w/ TSCA parameters**

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/16/14	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA	1 of 1 COCs
100 Old Wilson Bridge Road Suite 115	Analysis Turnaround Time			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler: NN

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)*	VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
MP-274	10/15/14	1005	Grab	GW	11	Y*	X	X	X	X	X		
MP-274A	↓	1050	↓	↓	↓	Y*	X	X	X	X	X		
DUPLICATE-DMP#3	↓	1050	↓	↓	↓	Y*	X	X	X	X	X		
Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4= HNO3, 5=NaOH, 6= None							2	2	4	2	6		All samples preserved on ice

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 Graham	Eagon & Associates, Inc.	10/16/14 1010	[illegible]	Testa	10/16/14 1010
Relinquished by:	Company: TAI	Date/Time: 10/16/14 1100	Received by: [illegible]	Company: TA Buff	Date/Time: 10/17/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [illegible]	Company:	Date/Time:

#1 3.0

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: **DMP w/ TSCA parameters**

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/16/14	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA	1 of 1 COCs
100 Old Wilson Bridge Road Suite 115	Analysis Turnaround Time			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler: NN

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)*	VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
MP-281	10/15/14	0840	Grab	GW	11	Y*	X	X	X	X	X		
MP-281C	↓	0915	↓	↓	↓	Y*	X	X	X	X	X		
MP-281C (MS)	↓	0915	↓	↓	↓	Y*	X	X	X	X	X		
MP-281C (MSD)	↓	0915	↓	↓	↓	Y*	X	X	X	X	X		
MP-404A	↓	1240	↓	↓	↓	Y*	X	X	X	X	X		
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=None							2	2	4	2	6		All samples preserved on ice

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 Graham	Eagon & Associates, Inc.	10/16/14 1010	[illegible]	TestAmerica	10/16/14 1010
[illegible]	TAI	10/16/14 1100	[illegible]	TA BUFF	10/17/14 0900
			Received in Laboratory by:		

#1 3,4

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12/10/2014

REP011713

TestAmerica Buffalo
10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☑ RCRA ☐ Other: **DMP w/ TSCA parameters**

TestAmerica Laboratories, Inc.

Client Contact	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 10/16/14	COC No:
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: TA	1 of 1 COCs
100 Old Wilson Bridge Road Suite 115	**Analysis Turnaround Time**			For Lab Use Only:
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
(614) 888-5760 Phone	TAT if different from Below: 21 Days			Lab Sampling:
(614) 888-5763 FAX	☐ 2 weeks			
Project Name: DMP - Semiannual Sampling w/ TSCA params.	☐ 1 week			Job / SDG No.:
Site: CECOS - Aber Rd	☐ 2 days			
P O #	☐ 1 day			Sampler: RH/NN/AG

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)*	VOCs (8260B)	VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	TOC (9060) / TSCA Program	PCBs (8082) / TSCA Program	* - only metals bottles field filtered	Sample Specific Notes:
Field Blank - DMP	10/15/14	1145	Grab	GW	11	Y*	X	X	X	X	X		
MP-213A	↓	1210	↓	↓	↓	Y*	X	X	X	X	X		
MP-238R	↓	1301	↓	↓	↓	Y*	X	X	X	X	X		
MP-403A	↓	1328	↓	↓	↓	Y*	X	X	X	X	X		
MP-214BR	↓	1406	↓	↓	↓	Y*	X	X	X	X	X		
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=None							2	2	4	2	6		All samples preserved on ice

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 Graham	Eagon & Associates, Inc.	10/16/14 1010	[illegible]	TestAm	10/16/14 1010
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
			[illegible]	TA Buff	10/17/14 0900
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[illegible]		

#137

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-69451-1

Login Number: 69451
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica 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.	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.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-69451-1

Login Number: 69567
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica 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.	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.	N/A	
Chlorine Residual checked.	N/A	

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-210AR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1736 (2400 Hr. Clock) NTU

Purge/Sample Method: DRY — X = Other; LF = Low Flow; P = Passive; Dry = Dry; 3-5 = 3-5 well vols.

Well Elevation (at TOC): 912.83 (ft/msl)

Depth to Water (DTW) (from TOC): 17.16 (ft)

Groundwater Elevation (site datum, from TOC): 905.67 (ft/msl)

Total Well Depth (from TOC): 42.90 (ft)

Water Column Height (well depth - DTW): 35.74 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/13/14	1550	01:41	182	100	DRY 1.25

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1550	17.16						
1731	DRY	100					
1915	26.91		7.35	1032	14.3	43.7	100

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1715	100	7.35	1032	14.3	43.7	100

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 10-15/W Air Temp: 60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.63

ORP (mV): -4.8

Well Volume = 35.74 x 0.652 = 23.31 x 3.785 L/gal = 88.21

DRY @ 1101 Let well recover overnight

samples collected: DMP VOC's / Diss. Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/14/14	Nelson Novak	Nelson Novak	Eagon + Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-406C

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0858 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other)

Well Elevation (at TOC): 917.40 (ft/msl)

Depth to Water (DTW) (from TOC): 22.90 (ft)

Groundwater Elevation (site datum, from TOC): 894.50 (ft/msl)

Total Well Depth (from TOC): 67.60 (ft)

Water Column Height (well depth - DTW): 44.70 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
10/13/14	1355	0020	110	80	8

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1355	22.88						
1405	22.91	140	7.16	1990	15.2	177	400
1410	22.91	160	7.17	1990	15.2	177	400
1415	22.91	180	7.21	1990	15.1	127.7	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/13/14	1415	180	7.21	1990	15.1	127.7	400

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/SW

Air Temp: 75°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.17

ORP (mV): -44.1

Samples collected: DMP VOCs / Diss. Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/13/14

Name: Nelson Novak

Signature: Nelson Novak

Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-409

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1010 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow P = Passive Dry = Dry X = Other 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 911.83 (ft/msl)

Depth to Water (DTW) (from TOC): 110.18 (ft)

Groundwater Elevation (site datum, from TOC): 910.65 (ft/msl)

Total Well Depth (from TOC): 870 (ft)

Water Column Height (well depth - DTW): 752 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING: WELL) VOLS PURGED (optional)
10/13/14	1515	0020	112	40	3.3

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1515	110.19	1.40	7.33	1.910	16.8	+++	200
1525	109.11	1.30	7.36	1.913	16.6	+++	200
1530	109.13	1.40	7.37	1.911	16.6	49.8	200
1535	109.15						

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/13/14	1535	1.40	7.37	1.911	16.6	49.8	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W Air Temp: 75°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.11

ORP (mV): -95.8

Samples Collected: PMP VOCs / Dissolved Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/13/14	Nelson Novak	Nelson Novak	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-280

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0942 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 912.49 (ft/msl)

Depth to Water (DTW) (from TOC): 14.84 (ft)

Groundwater Elevation (site datum, from TOC): 897.65 (ft/msl)

Total Well Depth (from TOC): 107.46 (ft)

Water Column Height (well depth - DTW): 92.56 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 of each	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
10/14/14	1105	0035	14	100	7.1

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1105	14.81						
1215	29.51	8.0	7.53	1598	15.0	—	400
1310	29.54	9.0	7.56	1583	15.1	—	200
1315	29.57	10.0	7.57	1569	15.0	71.0	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1315	10.0	7.57	1569	15.0	71.0	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: S-10 SW Air Temp: 65°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.05

ORP (mV): -172.6

Samples Collected: Dissolved Metals/VOC's, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Nelson Novak Signature: [signature] Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-280A

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0938 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 922.8 (ft/msl)

Depth to Water (DTW) (from TOC): 18.81 (ft)

Groundwater Elevation (site datum, from TOC): 893.47 (ft/msl)

Total Well Depth (from TOC): 35.30 (ft)

Water Column Height (well depth - DTW): 16.49 (ft)

Casing ID: 0.4 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45 or — µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump; B-Peristaltic Pump; C-QED 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 of each	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING: WELL) VOLS PURGED (optional)
101414	1150	0020	1.07	1.80	1.14

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1150	18.43						
1200	18.48	1.40	6.88	1760	14.0	---	400
1205	18.49	1.60	6.88	1775	14.0	---	400
1210	18.49	1.80	6.88	1764	14.0	37.4	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101414	1210	1.80	6.88	1764	14.0	37.4	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W Air Temp: 65°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.01

ORP (mV): -46.4

Samples Collected: DMP VOCs/Dissolved Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Nelson Novak Signature: Nelson Novak Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-407

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1032 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other)

Well Elevation (at TOC): 910.31 (ft/msl)

Depth to Water (DTW) (from TOC): 157.8 (ft)

Groundwater Elevation (site datum, from TOC): 894.53 (ft/msl)

Total Well Depth (from TOC): 817.0 (ft)

Water Column Height (well depth - DTW): 659.2 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45 µ or — µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-QED 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 (B: Gal) IN (PUMP/TUBING: WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING: WELL) VOLS PURGED (optional)
10/14/14	0815	0035	12	70	5.83

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
0815	157.1						
0835	158.38	140	7.36	2161.5	16.2	—	200
0840	158.43	150	7.49	2151.6	15.8	—	200
0845	158.48	160	7.49	2141.8	15.7	—	200
0850	158.52	170	7.49	2148	15.7	11.67	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	0850	170	7.49	2148	15.7	11.67	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10 N Air Temp: 60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.03

ORP (mV): -137.2

Sample water effervescent

Samples Collected: DMP VOC's / Dissolved Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/14/14	Nelson Novak	[signature]	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-405A

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0944 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow P = Passive Dry = Dry X = Other 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 911102 (ft/msl)

Depth to Water (DTW) (from TOC): 188.3 (ft)

Groundwater Elevation (site datum, from TOC): 902.19 (ft/msl)

Total Well Depth (from TOC): 1560 (ft)

Water Column Height (well depth - DTW): 67.7 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other: —

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

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	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
101414	1018:15	0025	07	25	125

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1018:15	188.55						
1018:30	189.48	1.5	6.85	3121.1	16.7	—	100
1018:35	189.52	2.0	6.85	3070	16.8	—	100
1018:40	189.58	2.5	6.84	3057	16.8	36.1	100

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101414	1040	2.5	6.84	3057	16.8	36.1	100

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W Air Temp: 63°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.32

ORP (mV): 28.3

Samples Collected: DMP VOCs/Dissolved Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/14/14	Nelson Novak	Nelson Novak	Eagon & Associates, Inc.

EA-100 R:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-231AR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1059 (2400 Hr. Clock)

Purge/Sample Method: 1F (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 957.3 (ft/msl)

Depth to Water (DTW) (from TOC): 93.1 (ft)

Groundwater Elevation (site datum, from TOC): 906.42 (ft/msl)

Total Well Depth (from TOC): 360.0 (ft)

Water Column Height (well depth - DTW): 212.9 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 (lb; Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters; Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
101414	1340	00:30	107	110	1.42

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L; Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1340	98.8						
1400	100.3	1.80	7.42	3555	15.4	—	400
1405	100.0	1.90	7.40	3559	15.6	—	200
1410	100.4	1.00	7.42	3558	15.6	17.14	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L; Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101414	1410	100	7.42	3558	15.6	17.14	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.07

ORP (mV): -105.0

Samples collected: DMP VOC's/Dissolved Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Nelson Novak Signature: Nelson Novak Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-25JA

WELL DATA

Water-Level Date: 10/3/14 (MM DD YY)

Water-Level Time: 1016 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 911.54 (ft/msl)

Depth to Water (DTW) (from TOC): 16.50 (ft)

Groundwater Elevation (site datum, from TOC): 905.04 (ft/msl)

Total Well Depth (from TOC): 40.40 (ft)

Water Column Height (well depth - DTW): 33.90 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45 or — μ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-QED 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 of each	ACTUAL VOL PURGED (Liters Gallons) circle one	(PUMP/TUBING, WELL) VOLS PURGED (optional)
10/14/14	1425	0030	0.8	100	2.5

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L Gals) circle one	pH (std)	Conductance (μmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1425	16.28						
1445	7.40	8.0	7.86	9.63	14.2	—	400
1510	7.38	9.0	7.84	9.61	14.4	—	200
1555	7.37	10.0	7.80	9.54	14.4	39.0	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L Gals) circle one	pH (std)	CONDUCTANCE (μmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1455	10.0	7.80	9.54	14.4	39.0	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-15/W Air Temp: 60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.06

ORP (mV): -163.1

Samples Collected: Dissolved Metals/VOC's, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Nelson Novak Signature: Nelson Novak Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-404

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0926 (2400 Hr. Clock)

Purge/Sample Method: DRY X = Other; LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.

Well Elevation (at TOC): 9127.5 (ft/msl)

Depth to Water (DTW) (from TOC): 116.32 (ft)

Groundwater Elevation (site datum, from TOC): 896.43 (ft/msl)

Total Well Depth (from TOC): 101.00 (ft)

Water Column Height (well depth - DTW): 84.68 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N 0.45 or — µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump; B-Peristaltic Pump; C-QED 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:Gals) IN (PUMP/TUBING; WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters; Gallons) circle one	(PUMP/TUBING; WELL; VOLS PURGED) (optional)
10/13/14	1740	00:55	15.27	15.50	DRY / 11

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L : Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1740	116.32						
1835	DRY	15.50 @ sample					
1540	143.86		7.28	1752	13.9	40.9	100

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L : Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1540	15.50	7.28	1752	13.9	40.9	100

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W Air Temp: 60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.10

ORP (mV): -110.9

Well Volume = 84.68 x 0.163 = 13.9 x 3.785 L/gal = 52.76

Purged dry @ 55.0L, left to recover overnight

Samples Collected: DMP VOC's / Diss. Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Nelson Novak Signature: [signature] Company: Eagan & Associates, Inc.

100 R:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-227R

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1053 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9130.0 (ft/msl)

Depth to Water (DTW) (from TOC): 169.2 (ft)

Groundwater Elevation (site datum, from TOC): 896.08 (ft/msl)

Total Well Depth (from TOC): 687.0 (ft)

Water Column Height (well depth - DTW): 517.8 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/14	1037	~~10:37~~ 496 01:05	10	125	2.5

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1033	1658						
1037	START	10					200
1057	1723	40	992	1264	157		200*
1117	1796	80	910	1531	156		200
1132	1790	105	865	1688	156		
1137	1787	115	861	1662	157		
1142	1785	125	855	1653	158	506	

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1142	125	855	1653	158	506	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: clear / slt. cloudy** Other: —

Weather Conditions (at sample time): Wind Speed/Direction: ~5-20 mph / E Air Temp: ~65°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.34 mg/L

Samples Collected ORP (mV): -29.3 mV

DMP VOCs/Diss. Metals, TOC/PCBs

Early purge cloudy - some white sediment. **slt. cloudy @ sample time

*- Pumping rate erratic

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Andrew Graham Signature: [signature] Company: Eagan & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-22BAR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1046 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols., X = Other)

Well Elevation (at TOC): 91164 (ft/msl)

Depth to Water (DTW) (from TOC): 1580 (ft)

Groundwater Elevation (site datum, from TOC): 89584 (ft/msl)

Total Well Depth (from TOC): 4030 (ft)

Water Column Height (well depth - DTW): 2450 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; .45µ or ____ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump; B-Peristaltic Pump; C-QED 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 of each	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
101414	1310	025	08	100	125

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L:Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1310	1542						
1310	START	100					400
1320	1546	140	7.09	1179	15.8		
1325	1544	160	7.12	1150	14.2		
1330	1544	180	7.10	1141	14.4		
1335	1544	100	7.09	1130	14.5	3.23	

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L:Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101414	1335	100	7.09	1130	14.5	3.23	400

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: ~10-20 mph/SW

Air Temp: ~65°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.18 mg/L

ORP (mV): +11.1 mV

Samples Collected:

DMP VOCs / Diss Metals, TOC / PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/14/14	Andrew Graham	[signature]	Eagon & Associates, Inc.

EA-100 R:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: DUPLICATE-DMP#1

WELL DATA

Water-Level Date (MM DD YY) | Water-Level Time (2400 Hr. Clock) | Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols X = Other

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

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-QED 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	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L:Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)

SEE FIELD SHEET FOR WELL MP-228AR

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L:Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10 14 14	1335	100	7.09	1730	14.5	2.90	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: ~10-20 mph / SW Air Temp: ~65°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.18 mg/L

ORP (mV): +41.1 mV

Samples Collected:

DMP VOCs / Diss Metals, TOC / PCBs

DUPLICATE BY CONTAINER SAMPLE COLLECTED FROM WELL MP-228AR

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/14/14	Andrew Graham	[signature]	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-23DA

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1039 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 908.75 (ft/msl)

Depth to Water (DTW) (from TOC): 14.48 (ft)

Groundwater Elevation (site datum, from TOC): 894.27 (ft/msl)

Total Well Depth (from TOC): 304.0 (ft)

Water Column Height (well depth - DTW): 159.2 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/14/14	1426	0:50	07	130	1.6

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gal) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1421	1433						
1426	START	100	—	—	—	—	400
1441	1640	160	7.30	1137	15.0	—	200
1451	1620	180	7.20	1331	15.2	—	—
1501	1604	1010	7.16	1429	15.2	—	—
1506	1596	1110	7.15	1442	15.2	—	—
1511	1588	1120	7.15	1460	15.1	—	—
1516	1584	1130	7.15	1471	15.1	2.59	↓

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gal) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1516	130	7.15	1471	15.1	2.59	200

FIELD COMMENTS

Sample Appearance: — Odor: Stale Color: clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: ~5-15 mph / SW Air Temp: ~60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.09

Ants in initial purge water ORP (mV): -60.1

Samples Collected:
DMP VOCs/Diss. Metals, TOC/PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

10/14/14 (Date) Andrew Graham (Name) [signature] (Signature) Eagan & Associates, Inc. (Company)

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-232A

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1030 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other)

Well Elevation (at TOC): 909.75 (ft/msl)

Depth to Water (DTW) (from TOC): 15.99 (ft)

Groundwater Elevation (site datum, from TOC): 893.76 (ft/msl)

Total Well Depth (from TOC): 35.70 (ft)

Water Column Height (well depth - DTW): 19.71 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45 or — µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump; B-Peristaltic Pump; C-QED 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: Gals) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/14/14	1542	020	07	80	1.4

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1539	1578						
1542	START	100	—	—	—	—	400
1552	1566	140	7.06	1850	14.6	—	
1557	1565	160	7.05	1847	14.5	—	
1602	1565	180	7.04	1845	14.5	32.6	

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1602	80	7.04	1845	14.5	32.6	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: ~5-15mph / SW Air Temp: ~60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.05

ORP (mV): -29.8

Samples Collected:

DMP VOCs / Diss metals, TOC / PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/14/14	Andrew Graham	[signature]	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-21BR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1009 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 911.09 (ft/msl)

Depth to Water (DTW) (from TOC): 18.46 (ft)

Groundwater Elevation (site datum, from TOC): 910.263 (ft/msl)

Total Well Depth (from TOC): 32.90 (ft)

Water Column Height (well depth - DTW): 14.44 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 of each	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING: WELL) VOLS PURGED (optional)
10/13/14	1435	0025	1.07	1.56	1.71

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1435	18.46						
1510	19.49	1.30	7.07	1.912	15.6	+++	200
1515	19.54	1.40	7.08	1.913	15.6	+++	200
1520	19.56	1.50	7.08	1.910	15.6	18.58	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/13/14	1530	1.50	7.08	1.930	15.6	18.58	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 75°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.58

ORP (mV): 43.7

Samples Collected: DMP VOC's / Dissolved Metals, TOC, Pr. Bis

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/13/14 Name: Nelson Novak Signature: [signature] Company: Eagan & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-4/8

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0854 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols., X = Other)

Well Elevation (at TOC): 964.1 (ft/msl)

Depth to Water (DTW) (from TOC): 23.23 (ft)

Groundwater Elevation (site datum, from TOC): 891.8 (ft/msl)

Total Well Depth (from TOC): 115.00 (ft)

Water Column Height (well depth - DTW): 91.77 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 of each	ACTUAL VOL PURGED (Liters Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
101414	0910	00:40	115	1130	867

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
0910	22.98						
0915	29.79	110	7.24	38.46	16.2	—	400
0910	29.67	110	7.24	38.10	15.6	—	200
0945	29.61	120	7.22	37.97	15.6	—	200
0950	29.66	130	7.21	37.85	15.6	9.49	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101414	0950	130	7.21	3785	15.6	9.49	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10/W Air Temp: 60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.01

ORP (mV): -131.3

Sample water effervescent

Samples Collected: DMP VOC's/Dissolved Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Nelson Novak Signature: [signature] Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-206AR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1028 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 967.3 (ft/msl)

Depth to Water (DTW) (from TOC): 13.6 (ft)

Groundwater Elevation (site datum, from TOC): 953.7 (ft/msl)

Total Well Depth (from TOC): 290.0 (ft)

Water Column Height (well depth - DTW): 185.4 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 (P: Gal) IN (PUMP/TUBING: WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING: WELL) VOLS PURGED (optional)
101414	1610	00:00	107	160	85

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1610	11.11						
1620	11.25	1.30	6.70	3330	14.6	—	200
1625	11.28	1.45	6.70	3327	14.6	—	300
1630	11.32	1.60	6.69	3311	14.6	15.66	300

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101414	1630	1.60	6.69	3311	14.6	15.66	300

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.08

ORP (mV): 9.2

Samples Collected: DMP VOC's, Dissolved Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/14/14	Nelson Novak	Nelson Novak	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-277A

WELL DATA

Water-Level Date: 10 13 14 (MM DD YY)

Water-Level Time: 0937 (2400 Hr. Clock)

Purge/Sample Method: LF (LP = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other)

Well Elevation (at TOC): 9524 (ft/msl)

Depth to Water (DTW) (from TOC): 994 (ft)

Groundwater Elevation (site datum, from TOC): 9053.0 (ft/msl)

Total Well Depth (from TOC): 473.0 (ft)

Water Column Height (well depth - DTW): 373.6 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
101414	1650	0035	108	1116	137

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1650	970						
1710	1118	18.0	6.93	1822	14.1	—	400
1715	1175	19.0	6.95	1767	14.3	—	200
1720	1172	10.0	6.99	1753	14.3	—	200
1725	1170	11.0	7.02	1726	14.3	1.15	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101414	1725	11.0	7.02	1726	14.3	1.15	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.01
ORP (mV): -108.4

Samples collected: DMP VOC's / Dissolved Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Nelson Novak Signature: [signature] Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-279

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0956 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other)

Well Elevation (at TOC): 910306 (ft/msl)

Depth to Water (DTW) (from TOC): 1041 (ft)

Groundwater Elevation (site datum, from TOC): 899915 (ft/msl)

Total Well Depth (from TOC): 10260 (ft)

Water Column Height (well depth - DTW): 9219 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
101414	1756	0020	13	60	4.6

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1750	1035						
1810	1038	40	7.06	7.85	14.7	—	400
1815	1252	50	7.05	7.85	14.8	—	200
1910	1247	60	7.05	7.85	14.8	42.2	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101414	1910	60	7.05	7.857	14.8	42.2	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.03

ORP (mV): -76.3

Samples Collected: DMP VOCs/Dissolved Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Nelson Novak Signature: [signature] Company: Eagon & Associates, Inc.

EA-100 R:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-244R

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1123 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9093 (ft/msl)

Depth to Water (DTW) (from TOC): 128.2 (ft)

Groundwater Elevation (site datum, from TOC): 896.91 (ft/msl)

Total Well Depth (from TOC): 672.0 (ft)

Water Column Height (well depth - DTW): 543.8 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/14/14	1410	035	10	110	11

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1408	1272						
1410	START	100					400
1430	1421	180	738	1447	149		200
1435	1420	190	740	1450	154		200
1440	1415	1100	739	1472	155		200
1445	1413	1110	737	1483	154	1056	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1445	110	737	1483	154	056	200

FIELD COMMENTS

Sample Appearance: —

Odor: none

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: Calm

Air Temp: 46°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.13

ORP (mV): -79.4

Samples collected: DMP VOCs; Diss. Metals; TOC; PCBs.

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/14/14	Chris Gordon	Chris Gordon	Eagon & Associates, Inc.

EA-100 R: 4/10

12/10/2014

REP011737

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-244ARR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 11:25 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 909.82 (ft/msl)

Depth to Water (DTW) (from TOC): 15.11 (ft)

Groundwater Elevation (site datum, from TOC): 894.71 (ft/msl)

Total Well Depth (from TOC): 278.0 (ft)

Water Column Height (well depth - DTW): 126.9 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45 or ____ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-QED 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 of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/14/14	1506	020	06	80	1.3.3

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1504	1473						
1506	START	10					400
1511	1532	14	7.02	1403	15.1		400
1521	1540	16	7.01	1404	15.1		400
1526	1545	18	6.98	1403	15.1	16.96	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1526	80	6.98	1403	15.1	16.96	400

FIELD COMMENTS

Sample Appearance: —

Odor: none

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5mph SW

Air Temp: ~65°F

Precipitation: Y or N.

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.06

ORP (mV): -86.9

Samples Collected: VOCs, Dissolved Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14

Name: Chris Gordon

Signature: [signature]

Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-250

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1131 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols., X = Other)

Well Elevation (at TOC): 910007 (ft/msl)

Depth to Water (DTW) (from TOC): 1284 (ft)

Groundwater Elevation (site datum, from TOC): 897223 (ft/msl)

Total Well Depth (from TOC): 5790 (ft)

Water Column Height (well depth - DTW): 4506 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/13/14	1553	020	09	70	777

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1552	1275						
1553	START	100	—	—	—	—	400
1603	1316	140	7.20	1028	14.2	—	300
1608	1327	155	7.21	1025	14.3	—	300
1613	1327	170	7.21	1023	14.4	116	300

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1613	70	7.21	1023	14.4	116	300

FIELD COMMENTS

Sample Appearance: — Odor: none Color: clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: calm Air Temp: ~68F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.15

ORP (mV): -11.6

Samples collected: VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Chris Gordon Signature: [signature] Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-250A

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1128 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 910.24 (ft/msl)

Depth to Water (DTW) (from TOC): 11.95 (ft)

Groundwater Elevation (site datum, from TOC): 898.29 (ft/msl)

Total Well Depth (from TOC): 40.40 (ft)

Water Column Height (well depth - DTW): 28.45 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/14/14	1634	020	08	80	10

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1632	11.53						
1634	START	100	—	—	—	—	400
1644	11.58	140	7.07	1388	14.3	—	400
1649	11.57	160	7.07	1387	14.3	—	400
1654	11.58	180	7.07	1386	14.3	10.97	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1654	80	7.07	1386	14.3	0.97	400

FIELD COMMENTS

Sample Appearance: —

Odor: none

Color: clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-10 mph SE

Air Temp: ~65°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.04

ORP (mV): -48.3

Samples Collected VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14

Name: Chris Gordon

Signature: [signature]

Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-286C

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1137 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9145.9 (ft/msl)

Depth to Water (DTW) (from TOC): 19.97 (ft)

Groundwater Elevation (site datum, from TOC): 894.62 (ft/msl)

Total Well Depth (from TOC): 57.00 (ft)

Water Column Height (well depth - DTW): 37.03 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 (hr:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL, CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/14/14	1735	020	09	80	888

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1713	19.70						
1735	START	100					400
1745	19.74	140	7.25	1156	12.9		400
1750	19.74	160	7.27	1156	12.9		400
1755	19.74	180	7.28	1156	12.9	0.74	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/14/14	1755	180	7.28	1156	12.9	0.74	400

FIELD COMMENTS

Sample Appearance: — Odor: none Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: calm Air Temp: ~60 °F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.05

ORP (mV): -113.8

Samples collected: VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/14/14 Name: Chris Gordon Signature: [signature] Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-241R

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1025 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9357 (ft/msl)

Depth to Water (DTW) (from TOC): 1743 (ft)

Groundwater Elevation (site datum, from TOC): 896.14 (ft/msl)

Total Well Depth (from TOC): 6040 (ft)

Water Column Height (well depth - DTW): 4297 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED Bladder Pump, D-Bailer, B-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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	0917	0:50	10	330	3.3

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
0915	1740						
0917	START	10.0					1000
0921	2091	110.0	8.03	1997	13.5		150
0931	2112	115	8.07	1001	13.8		1000
0951	2710	135	8.04	1995	13.4		150
1002	2716	132.3	8.05	1999	13.6		150
1007	2714	133.0	8.05	1997	13.7	3.16	150

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1007	330	8.05	997	13.7	3.16	150

FIELD COMMENTS

Sample Appearance: —— Odor: none Color: clear Other: ——

Weather Conditions (at sample time): Wind Speed/Direction: 5-10 mph SW Air Temp: ~60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.16

ORP (mV): -159.0

Samples collected: VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/15/14	Chris Gordon	Chris Gordon	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-235CR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 10:22 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9466 (ft/msl)

Depth to Water (DTW) (from TOC): 1202 (ft)

Groundwater Elevation (site datum, from TOC): 9026.4 (ft/msl)

Total Well Depth (from TOC): 2790 (ft)

Water Column Height (well depth - DTW): 1588 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	1035	040	06	125	208

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1033	1117.19						
1035	START	10.0					400
1050	1133.3	16.0	6.92	1976	14.4		300
1055	1136.0	17.5	6.90	1977	14.4		300
1100	1136.2	18.0	6.90	1979	14.4		300
1105	1137.4	18.5	6.89	1985	14.4		200
1110	1137.5	19.5	6.89	1990	14.5		200
1115	1137.5	12.5	6.89	1992	14.7	0.66	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1115	125	6.89	1992	14.7	0.66	200

FIELD COMMENTS

Sample Appearance: —

Odor: none

Color: clear w/ effervescence

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10 mph S

Air Temp: ~60°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.20

ORP (mV): 528

Samples collected: VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

10/15/14 — Date

Chris Gordon — Name

Signature

Eagon & Associates, Inc. — Company

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-235BR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1023 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols., X = Other)

Well Elevation (at TOC): 9145.0 (ft/msl)

Depth to Water (DTW) (from TOC): 162.8 (ft)

Groundwater Elevation (site datum, from TOC): 898.22 (ft/msl)

Total Well Depth (from TOC): 363.3 (ft)

Water Column Height (well depth - DTW): 223.5 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45 µ or ____ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump, B-Peristaltic Pump, C-QED 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 of each	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	1132	035	08	130	162

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1131	1603						
1132	START	10.0					400
1152	1737	18.0	6.96	2163	13.8		400
1157	1749	10.0	6.96	2157	13.8		300
1202	1745	11.5	6.96	2154	13.9		300
1207	1742	13.0	6.96	2150	13.9	0.96	300

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1207	130	6.96	2150	13.9	0.96	300

FIELD COMMENTS

Sample Appearance: —

Odor: none

Color: clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-15 mph SE

Air Temp: ~65°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.13

ORP (mV): -9.8

Samples collected: VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/15/14

Name: Chris Gordon

Signature: Chris Gordon

Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-235R

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1020 (2400 Hr. Clock)

Purge/Sample Method: LF, X = Other (LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9148.4 (ft/msl)

Depth to Water (DTW) (from TOC): 184.4 (ft)

Groundwater Elevation (site datum, from TOC): 896.40 (ft/msl)

Total Well Depth (from TOC): 720.0 (ft)

Water Column Height (well depth - DTW): 537.6 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 of each	ACTUAL VOL PURGED (Liters; Gallons) circle one	(PUMP/TUBING; WELL) VOLS PURGED (optional)
10/15/14	1234	025	10	100	10

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L; Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1232	1835						
1234	START	100					400
1249	2012	160	732	1182	139		400
1254	2022	180	731	1199	140		400
1259	2032	100	731	1198	141	27	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L; Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1259	100	731	1781	141	27.7	400

FIELD COMMENTS

Sample Appearance: —

Odor: none

Color: clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-15 mph S

Air Temp: ~60°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.41

ORP (mV): -71.6

Samples collected: VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/15/14	Chris Gordon	Chris Gordon	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-237

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1020 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9368 (ft/msl)

Depth to Water (DTW) (from TOC): 1693 (ft)

Groundwater Elevation (site datum, from TOC): 896.75 (ft/msl)

Total Well Depth (from TOC): 710 (ft)

Water Column Height (well depth - DTW): 5417 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45 or ____ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump; B-Peristaltic Pump; C-QED 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 of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	1325	0:35	10	140	14

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1323	1168						
1325	START	10					400
1345	1165	180	7.97	1192	14.1		400
1350	1172	100	7.74	1202	14.1		400
1355	1169	120	7.63	1208	14.1		400
1400	1169	140	7.58	1211	14.1	24.1	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1400	140	7.58	1211	14.1	24.1	400

FIELD COMMENTS

Sample Appearance: — Odor: none Color: clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10 mph S Air Temp: ~60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.27

ORP (mV): -81.7

Samples collected: VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/15/14 Name: Chris Gordon Signature: Chris Gordon Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-401A

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1120 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 906.37 (ft/msl)

Depth to Water (DTW) (from TOC): 11.57 (ft)

Groundwater Elevation (site datum, from TOC): 894.80 (ft/msl)

Total Well Depth (from TOC): 18.50 (ft)

Water Column Height (well depth - DTW): 6.93 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED Bladder Pump; D-Bailer; E-Piston Pump; F-Dipper/Bottle

X-Other: —

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

PURGE INFO

PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (C Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	1020	00:20	02	80	40

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1020	11.31						
1030	11.38	40	6.79	1851	16.7	T	400
1035	11.39	60	6.79	1846	16.7	↓	↓
1040	11.40	80	6.80	1843	16.7	10.55	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional)

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1040	80	6.80	1843	16.7	10.55	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-15 MPH from SW ↗ Air Temp: ~55°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.00

ORP (mV): 63.6

Samples Collected:

DMP VOCs/Diss Metals, TOC/PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/15/14	Nick A. Karos	[signature]	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-401B

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 11:18 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 906.56 (ft/msl)

Depth to Water (DTW) (from TOC): 8.80 (ft)

Groundwater Elevation (site datum, from TOC): 897.76 (ft/msl)

Total Well Depth (from TOC): 32.00 (ft)

Water Column Height (well depth - DTW): 23.20 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: D or N, 0.45µ or ___ µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-QED 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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	10:56	00:20	07	80	1.4

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (D Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
10:56	18.59						
11:06	18.63	40	7.10	1376	15.3	T	400
11:11	18.64	60	7.10	1372	15.4	↓	↓
11:16	18.64	80	7.10	1363	15.3	1.3	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (D Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	11:16	80	7.10	1363	15.3	1.3	400

FIELD COMMENTS

Sample Appearance: — Odor: NONE Color: CLEAR Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-15 MPH FROM S ↑ Air Temp: ~55°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.00

ORP (mV): -53.1

Samples Collected

DMP VOCs/Diss Metals

TOC/PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/15/14	Nick A Karos	Nick A K	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: DUPLICATE-BMP-2

WELL DATA

Water-Level Date (MM DD YY) | Water-Level Time (2400 Hr. Clock) | Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other

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

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-QED 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 | ACTUAL VOL PURGED (Liters:Gallons) circle one | (PUMP/TUBING:WELL) VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1105	859						
1106	863	40	7.10	1377	15.3	T	400
1111	864	60	7.10	1370	15.4	T	↓
1116	864	80	7.10	1363	15.3	2.89	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1116	80	7.10	1363	15.3	8.89	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-15 mph From S ↑ Air Temp: ~55°F Precipitation: (Y) or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.00

ORP (mV): -53.0

EXACT DUPLICATE BY CONTAINER OF WELL MP-401B

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/15/14 Name: Nick A Karow Signature: [signature] Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-233R

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1008 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other)

Well Elevation (at TOC): 9070.0 (ft/msl)

Depth to Water (DTW) (from TOC): 11.67 (ft)

Groundwater Elevation (site datum, from TOC): 895.33 (ft/msl)

Total Well Depth (from TOC): 80.20 (ft)

Water Column Height (well depth - DTW): 68.53 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	1202	00:20	11	40	3.6

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1210 2	11.15 8						
1212	11.20 4	1.20	7.35	2155	15.0		200
1217	11.21 8	1.30	7.38	2132	15.2		
1222	11.22 7	1.40	7.39	2132	15.2	5.64	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1222	40	7.39	2132	15.2	5.64	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear (Effervescent) Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10 mph From SW ↗ Air Temp: ~55°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.00

ORP (mV): -82.9

Repeat: 27 sec

Discharge: 3 sec @ ~45 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	Name	Signature	Company
10/15/14	Neil A Karon	[signature]	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-233AR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1006 (2400 Hr. Clock)

Purge/Sample Method: DRY (X = Other; LF = Low Flow; P = Passive; Dry = Dry; 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 907.44 (ft/msl)

Depth to Water (DTW) (from TOC): 16.10 (ft)

Groundwater Elevation (site datum, from TOC): 901.34 (ft/msl)

Total Well Depth (from TOC): 27.70 (ft)

Water Column Height (well depth - DTW): 21.60 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 of each	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
10/14/14	1626	110	536	660	1.2 (Dry)

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L:Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1624	15.98						
1626	START	100					
1636	DRY	660					
10/15/14	SAMPLE						
1250	12.14	660	7.11	1519	15.9	76.9	

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L:Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1250	660	7.11	1519	15.9	76.9	—

Sample Appearance: —

Odor: None

Color: CLEAR

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10 MPH FROM SW ↗

Air Temp: ~60°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 1.24

FIELD COMMENTS

well vol. = 21.72' x 0.652 = 14.1 gals x 3.785 L/gal = 53.6 L

ORP (mV): +13.6

Samples Collected DMP VOCs / Diss. Metals, TOC / PCBs

PURGED DRY @ 66.0 L, LET WELL RECOVER OVERNIGHT

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/15/14	NICK A KARON	[signature]	Eagon & Associates, Inc.

EA-100 R 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-234R

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 10:13 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 918.8 (ft/msl)

Depth to Water (DTW) (from TOC): 14.68 (ft)

Groundwater Elevation (site datum, from TOC): 897.20 (ft/msl)

Total Well Depth (from TOC): 75.40 (ft)

Water Column Height (well depth - DTW): 60.72 (ft)

Casing ID.: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: X or N; 0.45µ or — µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-QED 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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	1320	00:20	11	40	3.6

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1310	14.66						
1315	15.22	10	7.23	4810.9	14.8	T	200
1315	15.38	30	7.22	4810.7	14.7	T	↓
1340	15.51	40	7.23	4707.7	14.5	1.78	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1340	40	7.23	4707	14.5	1.78	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5 mph E from SW Air Temp: ~60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.17

ORP (mV): +3.8

REFILL = 27 SEC

DISCHARGE = 3 SEC @ ~50 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	Name	Signature	Company
10/15/14	Nick A Karon	[signature]	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-234AR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 10:15 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 910.90 (ft/msl)

Depth to Water (DTW) (from TOC): 8.35 (ft)

Groundwater Elevation (site datum, from TOC): 902.55 (ft/msl)

Total Well Depth (from TOC): 24.60 (ft)

Water Column Height (well depth - DTW): 16.25 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	14:04	00:20	06	80	1.3.3

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
14:04	8.32						
14:14	8.83	40	6.80	2945	14.9		400
14:19	8.85	60	6.79	2941	14.9		↓
14:24	8.91	80	6.78	2945	14.9	3.16	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	14:24	80	6.78	2945	14.9	3.16	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-10 MPH FROM SW ↑ Air Temp: ~60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.00

ORP (mV): 150.6

REFILL: 12 SEC

DISCHARGE 3 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: 10/15/14 Name: Nick A Karos Signature: [signature] Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-402A

WELL DATA

Water-Level Date: 10 13 14 (MM DD YY)

Water-Level Time: 10:11 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 908.42 (ft/msl)

Depth to Water (DTW) (from TOC): 5.44 (ft)

Groundwater Elevation (site datum, from TOC): 902.98 (ft/msl)

Total Well Depth (from TOC): 21.00 (ft)

Water Column Height (well depth - DTW): 15.56 (ft)

Casing ID: 0.2 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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-P3150 (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	ACTUAL VOL PURGED (Liters, Gallons) circle one	(PUMP/TUBING, WELL) VOLS PURGED (optional)
10 15 14	14:25	00:20	06	80	1.33

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L, Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
14:23	15.21						
14:25	START	100					400
14:35	16.35	140	6.82	3220	15.8		400
14:40	16.35	160	6.79	3211.2	15.8		400
14:45	16.37	180	6.77	3205	15.7	3.18	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L, Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10 15 14	14:45	80	6.77	3205	15.7	3.18	400

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear (effervescence)

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 5-15 MPH from S

Air Temp: ~60°F

Precipitation: X or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.11

ORP (mV): -44.0

Samples Collected: VOCs, Diss. Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/15/14	Chris Gordon	Chris Gordon	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-274

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0915 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 912.20 (ft/msl)

Depth to Water (DTW) (from TOC): 17.92 (ft)

Groundwater Elevation (site datum, from TOC): 894.28 (ft/msl)

Total Well Depth (from TOC): 75.50 (ft)

Water Column Height (well depth - DTW): 57.58 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	0945	0020	—	60	5.4

STABILIZATION DATA*

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
0945	17.84						
0955	18.55	40	7.46	1371	14.0	—	400
1000	18.54	50	7.50	1370	14.2	—	200
1005	18.56	60	7.52	1369	14.2	40.5	200

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1000	60	7.52	1369	14.2	40.5	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 55°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.11

ORP (mV): -78.2

Samples Collected: DMP VOC's/Dissolved Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/15/14	Nelson Novak	Nelson Novak	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-274A

WELL DATA

Water-Level Date: 10/15/14 (MM DD YY)

Water-Level Time: 09:18 (2400 Hr. Clock)

Purge/Sample Method: LF (X = Other; LP = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 912.78 (ft/msl)

Depth to Water (DTW) (from TOC): 18.83 (ft)

Groundwater Elevation (site datum, from TOC): 893.95 (ft/msl)

Total Well Depth (from TOC): 327.0 (ft)

Water Column Height (well depth - DTW): 138.7 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45 µ or — µ (circle or fill in)

Purging Device: C — A-Submersible Pump, B-Peristaltic Pump, C-QED 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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	1020	00:30	107	120	1.7

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1020	18.65						
1040	18.82	18.0	6.96	1742	14.0	—	400
1045	18.93	10.0	6.96	1742	14.0	—	400
1050	18.94	12.0	6.96	1741	14.0	19.4	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1050	12.0	6.96	1741	14.0	19.4	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-SW Air Temp: 55°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.01
ORP (mV): -45.4

Samples Collected: DMP VOC's/Dissolved Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/15/14 Name: Nelson Nowak Signature: Nelson Nowak Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: DUPLICATE-DMP-3

WELL DATA

Water-Level Date (MM DD YY) | Water-Level Time (2400 Hr. Clock) | Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry X = Other 3-5 = 3-5 well vols.

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

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-QED 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	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
		SIEE	Field	Form	FOST	MPi-27HA	

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1050	120	6.96	1741	14.0	1.89	900

FIELD COMMENTS

Sample Appearance: — Odor: NONE Color: CLEAR Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 55°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.06 mg/L

ORP (mV): -45.4

Exact duplicate sample by containers of well MP-28Gc.

samples Collected: DMP VOC's/Dissolved Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10 15 14	Nelson Novak	Nelson Novak	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-291

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0910 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols, X = Other)

Well Elevation (at TOC): 913.53 (ft/msl)

Depth to Water (DTW) (from TOC): 19.37 (ft)

Groundwater Elevation (site datum, from TOC): 894.16 (ft/msl)

Total Well Depth (from TOC): 72.60 (ft)

Water Column Height (well depth - DTW): 53.23 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N, 0.45 or ___ µ (circle or fill in)

Purging Device: C

Sampling Device: C

A-Submersible Pump; B-Peristaltic Pump; C-QED 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 of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	0820	00:20	109	130	8.8

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L/Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
0820	19.22						
0830	19.19	140	7.20	1173.4	14.2	—	400
0835	20.03	160	7.21	1173.5	14.2	—	400
0840	20.07	180	7.23	1173.5	14.2	21.4	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	0840	180	7.23	1173.5	14.2	21.4	400

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/SW

Air Temp: 55°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.06

ORP (mV): -84.4

Samples Collected: DMP VOCs/Dissolved Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/15/14	Nelson Novak	[signature]	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-28IC

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0907 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow, P = Passive, Dry = Dry, X = Other, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9142 (ft/msl)

Depth to Water (DTW) (from TOC): 2601 (ft)

Groundwater Elevation (site datum, from TOC): 8941 (ft/msl)

Total Well Depth (from TOC): 6280 (ft)

Water Column Height (well depth - DTW): 4279 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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), O-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	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
101514	0855	0020	09	86	88

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
0855	1986						
0905	2011	140	7.13	1374	13.9	—	400
0910	2013	160	7.13	1382	14.0	—	400
0915	2015	180	7.12	1388	14.0	0.91	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101514	0915	180	7.12	1388	14.0	0.91	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 55°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.09
ORP (mV): -59.7

Samples Collected: DMP VOCs / Dissolved Metals, TOC, PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/15/14 Name: Nelson Novak Signature: Nelson Novak Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MS/MSD-DMP

WELL DATA

Water-Level Date (MM DD YY) | Water-Level Time (2400 Hr. Clock) | Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other

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

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-QED 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	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L : Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L : Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	0915	80	7.12	1388	14.0	0.91	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 55°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.09

ORP (mV): -59.7

MS/MSD collected from DMP well MP-281C

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

10/15/14 Date | Nelson Novak Name | Signature | Eagon & Associates, Inc. Company

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: M-404A

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0921 (2400 Hr. Clock)

Purge/Sample Method: DRY (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols)

Well Elevation (at TOC): 915.09 (ft/msl)

Depth to Water (DTW) (from TOC): 8.11 (ft)

Groundwater Elevation (site datum, from TOC): 906.98 (ft/msl)

Total Well Depth (from TOC): 204.0 (ft)

Water Column Height (well depth - DTW): 122.9 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C

X-Other:

Pump Type (Vol): B — A-P1200M (495 ml), B-P110M (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	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
101414	1305	0024	77	15.0 DRY	1.9

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1305	8.02						
1329	DRY	15.0					
1240	12.11	@ sample	7.29	1271	16.7	25.9	100

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101514	1240	15.0	7.29	1271	16.7	25.9	100

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Clear

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W

Air Temp: 60°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 1.05

ORP (mV): 31.4

Well volume = 12.39 x 0.163 = 2.1 x 3.785 = 7.7 L

purged dry @ 15.0L, let well recover overnight

Samples collected: DMP VOC's / Dissolved Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/15/14

Name: Nelson Novak

Signature: [signature]

Company: Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: Field Blank - DMP

WELL DATA

Water-Level Date (MM DD YY) | Water-Level Time (2400 Hr. Clock) | Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other

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

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-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device

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: LAB SUPPLIED DI WATER

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	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L : Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED ~~(Ltr Gals)~~ circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
110 115 14	1145		8.06	327	15.8	0.89	

FIELD COMMENTS

Sample Appearance: — Odor: NONE Color: CLEAR Other: —

Weather Conditions (at sample time): Wind Speed/Direction: Air Temp: Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 6.71

ORP (mV): +56.8

* FIELD BLANK COLLECTED NEAR SAMPLING DEVICE BY PAULING LAB - SUPPLIED DI WATER INTO SAMPLE BOTTLES

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols.

10/15/14 (Date) | RYAN HARSER (Name) | Signature | Eagon & Associates, Inc. (Company)

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-213A

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 0948 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other)

Well Elevation (at TOC): 912.98 (ft/msl)

Depth to Water (DTW) (from TOC): 11.49 (ft)

Groundwater Elevation (site datum, from TOC): 899.49 (ft/msl)

Total Well Depth (from TOC): 32.50 (ft)

Water Column Height (well depth - DTW): 13.01 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated: Y or N

Filter Device: Y or N; 0.45 or — µ (circle or fill in)

Purging Device: G — A-Submersible Pump, B-Peristaltic Pump, C-QED Bladder Pump, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: G

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	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TUBING: WELL) VOLS PURGED (optional)
101514	1150	0020	07	80	114

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1150	11.92						
1200	11.93	40	6.54	3592	13.8	TT	400
1205	11.93	60	6.54	3588	13.8	TT	400
1210	11.93	80	6.53	3585	13.8	43.0	400

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
101514	1210	80	6.53	3585	13.8	43.0	400

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.04

ORP (mV): 15.2

Samples Collected: DMP VOC's / Dissolved Metals, TOC, PCB's

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/15/14 Name: Nelson Novak Signature: [signature] Company: Eagan & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-238R

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 1633 (2400 Hr. Clock)

Purge/Sample Method: LF (LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols. X = Other)

Well Elevation (at TOC): 9531 (ft/msl)

Depth to Water (DTW) (from TOC): 18.09 (ft)

Groundwater Elevation (site datum, from TOC): 8972 (ft/msl)

Total Well Depth (from TOC): 61.50 (ft)

Water Column Height (well depth - DTW): 43.41 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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	ACTUAL VOL PURGED (Liters/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)
10/15/14	1331	030	10	90	9.0

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1228	18.08						
1231	START	10	—	—	—	—	500
1246	20.20	15	7.55	1025	15.0	—	100
1251	20.17	10	7.54	1024	15.6	—	↓
1256	20.15	15	7.54	1022	15.8	—	↓
1301	20.14	10	7.54	1025	16.0	6.85	↓

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1301 (3 AOG)	90	7.54	1025	16.0	6.85	100

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: ~0-5 mph / S Air Temp: ~60°F Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.48

ORP (mV): +19.5

Samples Collected

DMP VOCs / Diss Metals, TOC / PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/15/14 Name: Nick A Karon Signature: [signature] Company: Eagon & Associates, Inc.

EA-100 R:4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-403A

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 09:17 (2400 Hr. Clock)

Purge/Sample Method: DRY (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 9237 (ft/msl)

Depth to Water (DTW) (from TOC): 931 (ft)

Groundwater Elevation (site datum, from TOC): 903.06 (ft/msl)

Total Well Depth (from TOC): 1870 (ft)

Water Column Height (well depth - DTW): 939 (ft)

Casing ID: 02 (in)

PURGE/SAMPLE EQUIPMENT

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, D-Bailer, E-Piston Pump, F-Dipper/Bottle

Sampling Device: C — C-QED Bladder Pump

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)	ACTUAL VOL PURGED (Liters/Gallons) (circle one)	(PUMP/TUBING: WELL) VOLS PURGED (optional)
10/14/14	1336	017	58	95	1.63

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) (circle one)	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1313.4	18.97						
1316	START	10.0					
1315.3	DRY	19.5					
1328	18.90	@Sample	6.99	299.0	16.4	39.6	

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) (circle one)	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	1328	95	6.99	299.0	16.4	39.6	

FIELD COMMENTS

Sample Appearance: —

Odor: None

Color: Slt. Cloudy

Other: —

Weather Conditions (at sample time): Wind Speed/Direction: ~5-10 mph/SW

Air Temp: ~60°F

Precipitation: Y or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 3.13

18.70 - 9.31 = 9.39 x 0.163 = 1.6 x 3.785 = ORP (mV): +28.1

5.8 Liters

Samples Collected

DMP VOCs / Diss. Metals

TOC / PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
10/15/14	Andrew Graham	[signature]	Eagon & Associates, Inc.

EA-100 R: 4/10

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-214BR

WELL DATA

Water-Level Date: 10/13/14 (MM DD YY)

Water-Level Time: 09:20 (2400 Hr. Clock)

Purge/Sample Method: DRY (X = Other; LF = Low Flow, P = Passive, Dry = Dry, 3-5 = 3-5 well vols.)

Well Elevation (at TOC): 910.29 (ft/msl)

Depth to Water (DTW) (from TOC): 16.43 (ft)

Groundwater Elevation (site datum, from TOC): 893.86 (ft/msl)

Total Well Depth (from TOC): 30.20 (ft)

Water Column Height (well depth - DTW): 13.77 (ft)

Casing ID: 04 (in)

PURGE/SAMPLE EQUIPMENT

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-QED 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 of each	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOLS PURGED (optional)
10/15/14	08:15	04:8	341	499	1.46

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
08:14	16.18						
08:15	SITIARIT	10.0					
09:03	DRY	49.9					
14:06	17.44	@sample	7.01	3564	14.1	89.6	

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
10/15/14	14:06	49.9	7.01	3564	14.1	89.6	

FIELD COMMENTS

Sample Appearance: — Odor: None Color: slt. Cloudy Other: —

Weather Conditions (at sample time): Wind Speed/Direction: ~0-5 mph / S Air Temp: ~60°F Precipitation: (Y) or N

Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 1.99

ORP (mV): +5.2

30.20 - 16.43 = 13.77 x 0.163 = 9.0 x 3.785 = 34.1 Liters

Purged dry @ 49.9 Liters

Samples Collected: DMP VOCs / Diss Metals / TOC / PCBs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date: 10/15/14 Name: Andrew Graham Signature: [signature] Company: Eagon & Associates, Inc.

EA-100 R:4/10

FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility* Sampler(s): A. Graham

pH Meter(s): Make/Model/Serial No: In-Situ SmartTroll / B21303B

Buffer Brand/Expiration: pH 4 IE - 2/18/16 ; pH 7 IE - 2/7/16 ; pH 10 12/12/15

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)
10/13/14	1418	Calibrate	4.01	7.00	—	20.9
10/14/14	0750	calibrate	4.00	7.01	10.04	20.8
10/15/14	1132	calibrate	4.01	7.01	9.98	17.6

Conductivity/Temp. Meter(s): Make/Model/Serial No: In-Situ SmartTroll / B21303B

Cond. Solution Brand/Expiration: IE - 3/15/15 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (µmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
10/13/14	1425	Calibrate	1414	20.8	
10/14/14	0812	Calibrate	1415	20.9	
10/15/14	1119	calibrate	1415	16.8	

Turbidity Meter(s): Make/Model/Serial No.: HACH 2100P / 08030C028171

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
10/13/14	1317	Check	4.76	4.70	
10/14/14	0815	check	4.76	4.84	
10/15/14	1049	check	4.76	4.80	

Sampler (Name): Andrew Graham Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

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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 / B21303B

Zero-O_2 Solution Brand/Expiration: NA / NA

Date	Time	Calibrate/Check	Calibration Media	H_2O-Saturated Air Result (%:mg/l)	Zero-O_2 Result (mg/l)	Temp. (°C)
10/13/14	1355	Calibrate	H_2O-sat. air	0.9 : 0.06	0.02	18.9
10/14/14	0750	Calibrate	H_2O-sat. air	0.8 : 0.04	0.01	20.4
10/15/14	1050	Calibrate	H_2O-sat-air	0.8 : 0.06	0.06	17.4

O.R.P. Meter(s): Make/Model/Serial No: IN-SITU SMARTROLL / B21303B

Solution Brand/Expiration: HORIBA / NA Solution Value (@ 25 °C): +89.0

Date	Time	Calibrate/Check	ORP Standard @ Temp. (mV)	ORP Result (millivolts)	Temp. of Solution (°C)	Notes:
10/13/14	1415	Calibrate	+91	+91	21.1	
10/14/14	0758	Calibrate	+95	+95	20.1	
10/15/14	1116	Calibrate	~~+98~~ +100 AOG	+101	16.2	

Other Meter(s): Make/Model/Serial No.:

Date	Time	Calibrate/Check			Notes:

Sampler (Name): Andrew Graham Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

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FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility* Sampler(s): Nelson Novak

pH Meter(s): Make/Model/Serial No: In-Situ SmartRoll / B21351B

Buffer Brand/Expiration: pH 4 IE - 2/19/15 ; pH 7 IE - 2/9/16 ; pH 10 IE 12/12/15

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)
10/13/14	1322	Calibrate	4.00	7.01	10.00	20.19
10/14/14	0721	calibrate	3.99	7.01	10.00	20.66
10/15/14	0723	calibrate	4.02	7.00	10.00	16.67

Conductivity/Temp. Meter(s): Make/Model/Serial No: In-Situ SmartRoll / B21351B

Cond. Solution Brand/Expiration: IE - 3/15/15 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (µmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
10/13/14	1332	calibrate	1410	20.82	
10/14/14	0732	calibrate	1413	20.64	
10/15/14	0733	calibrate	1413	17.7	

Turbidity Meter(s): Make/Model/Serial No.: HACH 2100P / 090800037691

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
10/13/14	1325	check	5.18	5.37	
10/14/14	0714	check	5.18	5.22	
10/15/14	0737	check	5.18	5.34	

Sampler (Name): Nelson Novak Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

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FIELD METER CALIBRATION RECORD

Project Name: *CECOS - Aber Rd Facility* Sampler(s): Nelson Novak

D.O. Meter(s): Make/Model/Serial No: INSITU SMARTROLL / B21351B

Zero-O_2 Solution Brand/Expiration: NA / NA

Date	Time	Calibrate/Check	Calibration Media	H_2O-Saturated Air Result (%mg/l)	Zero-O_2 Result (mg/l)	Temp. (°C)
10/13/14	1311	Calibrate	Sat. Air	100.1	0.09	20.91
10/14/14	0711	calibrate	Sat. Air	100.6	0.29	19.97
10/15/14	0714	Calibrate	Sat. Air	99.9	0.23	17.34

O.R.P. Meter(s): Make/Model/Serial No: INSITU / SMARTROLL / B21351B

Solution Brand/Expiration: HORIBA / NA Solution Value (@ 25 °C): 89.0

Date	Time	Calibrate/Check	ORP Standard @ Temp. (mV)	ORP Result (millivolts)	Temp. of Solution (°C)	Notes:
10/13/14	1344	Calibrate	95.0	95.0	20.90	
10/14/14	0742	Calibrate	95.0	95.0	20.29	
10/15/14		calibrate	95.0	95.3	17.61	

Other Meter(s): Make/Model/Serial No.:

Date	Time	Calibrate/Check			Notes:

Sampler (Name): Nelson Novak Sampler (Signature): Nelson Novak

Sampler (Name): Sampler (Signature):

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FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility* Sampler(s): NICK KAROW

pH Meter(s): Make/Model/Serial No: IN-SITU SMARTROLL / B21352B

Buffer Brand/Expiration: pH 4 IE- 2/19/15 ; pH 7 IE- 2/7/16 ; pH 10

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)
10/13/14	1328	CALIBRATE	4.00	7.02	10.04	20.7
10/14/14	0725	CALIBRATE	4.00	7.02	10.05	21.3
10/14/14	12:51	Calibrate	4.00	7.02	10.01	21.2
10/15/14	0720	CALIBRATE	4.00	7.02	10.01	18.7

Conductivity/Temp. Meter(s): Make/Model/Serial No: IN-SITU SMARTROLL / B21352B

Cond. Solution Brand/Expiration: IE- 3/15/15 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (µmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
10/13/14	1332	CALIBRATE	1413	20.6	
10/14/14	0732	CALIBRATE	1412	21.1	
10/14/14	12:55	Calibrate	1413	21.1	
10/15/14	0735	CALIBRATE	1413	18.2	

Turbidity Meter(s): Make/Model/Serial No.: HACH 2100P / 090100034345

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
10/13/14	1345	CHECK	5.32	5.42	
10/14/14	0715	CHECK	5.32	5.39	
10/14/14	1301	CHECK	5.32	5.37	
10/15/14	0745	CHECK	5.32	5.42	

Sampler (Name): NICK A KAROW Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

FIELD METER CALIBRATION RECORD

Project Name: *CECOS - Aber Rd Facility* Sampler(s): NICK KARON

D.O. Meter(s): Make/Model/Serial No: IN-SITU SMARTROLL / 13213523

Zero-O_2 Solution Brand/Expiration: NA / NA

Date	Time	Calibrate/Check	Calibration Media	H_2O-Saturated Air Result (%:mg/l)	Zero-O_2 Result (mg/l)	Temp. (°C)
10/15/14	0740	CALIBRATE	H_2O: SATURATED AIR	100%: 9.67 mg/L	0.09	17.4

O.R.P. Meter(s): Make/Model/Serial No: IN-SITU SMARTROLL / B213523

Solution Brand/Expiration: HORIBA / NA Solution Value (@ 25 °C): 89.0

Date	Time	Calibrate/Check	ORP Standard @ Temp. (mV)	ORP Result (millivolts)	Temp. of Solution (°C)	Notes:
10/15/14	0753	CALIBRATE	95.0	96.1	17.6	

Other Meter(s): Make/Model/Serial No.:

Date	Time	Calibrate/Check			Notes:

Sampler (Name): NICK A KARON Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility* Sampler(s): Chris Gordon

pH Meter(s): Make/Model/Serial No: In-Situ Smartroll / B2303028

Buffer Brand/Expiration: pH 4 IE - 2/19/15 ; pH 7 IE - 2/7/16 ; pH 10 _____

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)
10/13/14	13:28	Calibrate	4.00	7.00	—	20.8
10/14/14	07:31	Calibrate	4.00	7.00	—	20.8
10/14/14	12:56	Calibrate	—	7.00	10.01	21.2
10/15/14	07:37	Calibrate	—	7.00	10.01	18.5

Conductivity/Temp. Meter(s): Make/Model/Serial No: In-Situ Smartroll / B2130228

Cond. Solution Brand/Expiration: IE - 3/15/15 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (µmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
10/13/14	13:35	Calibrate	1411	20.8	
10/14/14	07:34	Calibrate	1412	20.8	
10/14/14	13:02	Calibrate	1413	21.1	
10/15/14	07:40	Calibrate	1413	18.1	

Turbidity Meter(s): Make/Model/Serial No.: HACH 2100P / 090800037615

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
10/13/14	13:31	Check	4.92	4.91	
10/14/14	07:17	Check	4.92	4.90	
10/14/14	13:11	Check	4.92	4.88	
10/15/14	07:39	Check	4.92	4.87	

Sampler (Name): Chris Gordon Sampler (Signature): Chris Gordon

Sampler (Name): _____ Sampler (Signature): _____

FIELD METER CALIBRATION RECORD

Project Name: *CECOS - Aber Rd Facility* Sampler(s): Chris Gordon

D.O. Meter(s): Make/Model/Serial No: In-Situ SmartTroll | B213028

Zero-O_2 Solution Brand/Expiration: ~~H_2O Saturated Air~~ / —

Date	Time	Calibrate/Check	Calibration Media	H_2O-Saturated Air Result (%:mg/l)	Zero-O_2 Result (mg/l)	Temp. (°C)
10/14/14	13:12	Calibrate	H_2O-Saturated Air	100.0 % : 8.45 mg/L	0.06 mg/L / 0.8%	21.4
10/15/14	07:19	Calibrate	↓	100.0 % : 9.22 mg/L	0.03 mg/L / 0.4%	17.9

O.R.P. Meter(s): Make/Model/Serial No: IN-Situ / SMARTROLL B213028

Solution Brand/Expiration: Hach / NA Solution Value (@ 25 °C): 89.0

Date	Time	Calibrate/Check	ORP Standard @ Temp. (mV)	ORP Result (millivolts)	Temp. of Solution (°C)	Notes:
10/14/14	13:06	Calibrate	95.0 @ 20°C	95.3	21.2	
10/15/14	07:44	Calibrate	95.0 @ 20°C	95.2	18.1	

Other Meter(s): Make/Model/Serial No.:

Date	Time	Calibrate/Check			Notes:

Sampler (Name): Chris Gordon Sampler (Signature): Chris Gordon

Sampler (Name): Sampler (Signature):

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-73309-1
Client Project/Site: Aber Rd. Landfill - DMP resampling

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

Attn: Mr. Dan Deborde

Authorized for release by:
12/30/2014 11:24:09 AM

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 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.

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
12/30/2014 11:24:09 AM

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Definitions/Glossary

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

TestAmerica Job ID: 480-73309-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
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)

Job ID: 480-73309-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-73309-1

Comments
No additional comments.

Receipt
The sample was received on 12/19/2014 10:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4º C.

GC/MS VOA
Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 220699 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 220699 recovered above the upper control limit for Vinyl Acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-220699/3).

Method(s) 8260C: The laboratory control sample (LCS) for batch 220699 recovered outside control limits for the following analytes: Vinyl Acetate. These were not requested spike compounds; therefore, the data have been qualified and reported. (LCS 480-220699/5)

Method(s) 8260C: The method blank for preparation batch 220699 contained 1,4-Dioxane above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

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

Client Sample Results

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

TestAmerica Job ID: 480-73309-1

Client Sample ID: MP-408

Date Collected: 12/18/14 11:15
Date Received: 12/19/14 10:00

Lab Sample ID: 480-73309-1

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			12/24/14 04:10	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			12/24/14 04:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			12/24/14 04:10	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			12/24/14 04:10	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			12/24/14 04:10	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			12/24/14 04:10	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			12/24/14 04:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/24/14 04:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/24/14 04:10	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			12/24/14 04:10	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			12/24/14 04:10	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			12/24/14 04:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/24/14 04:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/24/14 04:10	1
1,4-Dioxane	ND		40	9.3	ug/L			12/24/14 04:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/24/14 04:10	1
Chloroprene	ND		2.0	0.49	ug/L			12/24/14 04:10	1
2-Hexanone	ND		10	1.2	ug/L			12/24/14 04:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/24/14 04:10	1
Acetone	ND		10	3.0	ug/L			12/24/14 04:10	1
Acetonitrile	ND		170	4.9	ug/L			12/24/14 04:10	1
Acrolein	ND		20	0.91	ug/L			12/24/14 04:10	1
Acrylonitrile	ND		20	0.83	ug/L			12/24/14 04:10	1
Benzene	ND		2.0	0.41	ug/L			12/24/14 04:10	1
Bromoform	ND		2.0	0.26	ug/L			12/24/14 04:10	1
Bromomethane	ND		2.0	0.69	ug/L			12/24/14 04:10	1
Carbon disulfide	ND		2.0	0.19	ug/L			12/24/14 04:10	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			12/24/14 04:10	1
Chlorobenzene	ND		2.0	0.75	ug/L			12/24/14 04:10	1
Dibromochloromethane	ND		2.0	0.32	ug/L			12/24/14 04:10	1
Chloroethane	ND		2.0	0.32	ug/L			12/24/14 04:10	1
Chloroform	ND		2.0	0.34	ug/L			12/24/14 04:10	1
Chloromethane	ND		2.0	0.35	ug/L			12/24/14 04:10	1
Dibromomethane	ND		2.0	0.41	ug/L			12/24/14 04:10	1
Bromodichloromethane	ND		2.0	0.39	ug/L			12/24/14 04:10	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			12/24/14 04:10	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			12/24/14 04:10	1
Ethylbenzene	ND		2.0	0.74	ug/L			12/24/14 04:10	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			12/24/14 04:10	1
Iodomethane	ND		2.0	0.30	ug/L			12/24/14 04:10	1
Isobutyl alcohol	ND		1000	4.8	ug/L			12/24/14 04:10	1
Methacrylonitrile	ND		10	0.69	ug/L			12/24/14 04:10	1
Methyl methacrylate	ND		10	0.61	ug/L			12/24/14 04:10	1
Methylene Chloride	ND		2.0	0.44	ug/L			12/24/14 04:10	1
Naphthalene	ND		1.0	0.43	ug/L			12/24/14 04:10	1
Pentachloroethane	ND		1.0	0.34	ug/L			12/24/14 04:10	1
Propionitrile	ND		50	5.8	ug/L			12/24/14 04:10	1
Tetrachloroethene	ND		2.0	0.36	ug/L			12/24/14 04:10	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			12/24/14 04:10	1

Client Sample Results

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

TestAmerica Job ID: 480-73309-1

Client Sample ID: MP-408

Date Collected: 12/18/14 11:15
Date Received: 12/19/14 10:00

Lab Sample ID: 480-73309-1

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			12/24/14 04:10	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			12/24/14 04:10	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			12/24/14 04:10	1
Trichloroethene	ND		2.0	0.46	ug/L			12/24/14 04:10	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			12/24/14 04:10	1
Vinyl acetate	ND	*	10	0.85	ug/L			12/24/14 04:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/24/14 04:10	1
Xylenes, Total	ND		3.0	0.66	ug/L			12/24/14 04:10	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			12/24/14 04:10	1
Styrene	ND		2.0	0.73	ug/L			12/24/14 04:10	1
Allyl chloride	ND		2.0	0.44	ug/L			12/24/14 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*86 - 118*		*12/24/14 04:10*	*1*
4-Bromofluorobenzene (Surr)	*110*		*86 - 115*		*12/24/14 04:10*	*1*
Toluene-d8 (Surr)	*105*		*88 - 110*		*12/24/14 04:10*	*1*

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	**7.19**				SU			12/18/14 11:15	1
Field Conductivity	**3670**				umhos/cm			12/18/14 11:15	1
Field Temperature	**12.3**				Degrees C			12/18/14 11:15	1
Field Turbidity	**8.47**				NTU			12/18/14 11:15	1

Surrogate Summary

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

TestAmerica Job ID: 480-73309-1

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(86-118)	(86-115)	(88-110)
480-73309-1	MP-408	98	110	105
LCS 480-220699/5	Lab Control Sample	98	111	104
MB 480-220699/7	Method Blank	99	110	103

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

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

Lab Sample ID: MB 480-220699/7
Matrix: Water
Analysis Batch: 220699

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			12/23/14 21:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			12/23/14 21:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			12/23/14 21:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			12/23/14 21:08	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			12/23/14 21:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			12/23/14 21:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			12/23/14 21:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/23/14 21:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/23/14 21:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			12/23/14 21:08	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			12/23/14 21:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			12/23/14 21:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/23/14 21:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/23/14 21:08	1
1,4-Dioxane	64.7		40	9.3	ug/L			12/23/14 21:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/23/14 21:08	1
Chloroprene	ND		2.0	0.49	ug/L			12/23/14 21:08	1
2-Hexanone	ND		10	1.2	ug/L			12/23/14 21:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/23/14 21:08	1
Acetone	ND		10	3.0	ug/L			12/23/14 21:08	1
Acetonitrile	ND		170	4.9	ug/L			12/23/14 21:08	1
Acrolein	ND		20	0.91	ug/L			12/23/14 21:08	1
Acrylonitrile	ND		20	0.83	ug/L			12/23/14 21:08	1
Benzene	ND		2.0	0.41	ug/L			12/23/14 21:08	1
Bromoform	ND		2.0	0.26	ug/L			12/23/14 21:08	1
Bromomethane	ND		2.0	0.69	ug/L			12/23/14 21:08	1
Carbon disulfide	ND		2.0	0.19	ug/L			12/23/14 21:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			12/23/14 21:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			12/23/14 21:08	1
Dibromochloromethane	ND		2.0	0.32	ug/L			12/23/14 21:08	1
Chloroethane	ND		2.0	0.32	ug/L			12/23/14 21:08	1
Chloroform	ND		2.0	0.34	ug/L			12/23/14 21:08	1
Chloromethane	ND		2.0	0.35	ug/L			12/23/14 21:08	1
Dibromomethane	ND		2.0	0.41	ug/L			12/23/14 21:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			12/23/14 21:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			12/23/14 21:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			12/23/14 21:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			12/23/14 21:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			12/23/14 21:08	1
Iodomethane	ND		2.0	0.30	ug/L			12/23/14 21:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			12/23/14 21:08	1
Methacrylonitrile	ND		10	0.69	ug/L			12/23/14 21:08	1
Methyl methacrylate	ND		10	0.61	ug/L			12/23/14 21:08	1
Methylene Chloride	ND		2.0	0.44	ug/L			12/23/14 21:08	1
Naphthalene	ND		1.0	0.43	ug/L			12/23/14 21:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			12/23/14 21:08	1
Propionitrile	ND		50	5.8	ug/L			12/23/14 21:08	1
Tetrachloroethene	ND		2.0	0.36	ug/L			12/23/14 21:08	1

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

Lab Sample ID: MB 480-220699/7
Matrix: Water
Analysis Batch: 220699

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			12/23/14 21:08	1
Toluene	ND		2.0	0.51	ug/L			12/23/14 21:08	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			12/23/14 21:08	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			12/23/14 21:08	1
Trichloroethene	ND		2.0	0.46	ug/L			12/23/14 21:08	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			12/23/14 21:08	1
Vinyl acetate	ND		10	0.85	ug/L			12/23/14 21:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/23/14 21:08	1
Xylenes, Total	ND		3.0	0.66	ug/L			12/23/14 21:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			12/23/14 21:08	1
Styrene	ND		2.0	0.73	ug/L			12/23/14 21:08	1
Allyl chloride	ND		2.0	0.44	ug/L			12/23/14 21:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*86 - 118*		*12/23/14 21:08*	*1*
4-Bromofluorobenzene (Surr)	*110*		*86 - 115*		*12/23/14 21:08*	*1*
Toluene-d8 (Surr)	*103*		*88 - 110*		*12/23/14 21:08*	*1*

Lab Sample ID: LCS 480-220699/5
Matrix: Water
Analysis Batch: 220699

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	24.6		ug/L		98	72 - 127
Benzene	25.0	25.0		ug/L		100	78 - 124
Chlorobenzene	25.0	26.8		ug/L		107	78 - 124
Toluene	25.0	25.6		ug/L		103	77 - 123
Trichloroethene	25.0	25.3		ug/L		101	75 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*86 - 118*
4-Bromofluorobenzene (Surr)	*111*		*86 - 115*
Toluene-d8 (Surr)	*104*		*88 - 110*

QC Association Summary

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

TestAmerica Job ID: 480-73309-1

GC/MS VOA

Analysis Batch: 220699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-73309-1	MP-408	Total/NA	Water	8260C	
LCS 480-220699/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-220699/7	Method Blank	Total/NA	Water	8260C	

Field Service / Mobile Lab

Analysis Batch: 220567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-73309-1	MP-408	Total/NA	Water	Field Sampling	

Lab Chronicle

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

TestAmerica Job ID: 480-73309-1

Client Sample ID: MP-408

Date Collected: 12/18/14 11:15
Date Received: 12/19/14 10:00

Lab Sample ID: 480-73309-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	220699	12/24/14 04:10	EDB	TAL BUF
Total/NA	Analysis	Field Sampling		1	220567	12/18/14 11:15	FLD	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

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

TestAmerica Job ID: 480-73309-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-15
California	State Program	9	1169CA	09-30-15
Connecticut	State Program	1	PH-0568	09-30-16
Florida	NELAP	4	E87672	06-30-15
Georgia	State Program	4	N/A	03-31-15
Georgia	State Program	4	956	03-31-15
Illinois	NELAP	5	200003	09-30-15
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14 *
Kentucky (UST)	State Program	4	30	03-31-15
Kentucky (WW)	State Program	4	90029	12-31-15
Louisiana	NELAP	6	02031	06-30-15
Maine	State Program	1	NY00044	12-04-16
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-15
Michigan	State Program	5	9937	03-31-15
Minnesota	NELAP	5	036-999-337	12-31-14 *
New Hampshire	NELAP	1	2337	11-17-15
New Jersey	NELAP	2	NY455	06-30-15
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-15
Oklahoma	State Program	6	9421	08-31-15
Oregon	NELAP	10	NY200003	06-09-15
Pennsylvania	NELAP	3	68-00281	07-31-15
Rhode Island	State Program	1	LAO00328	12-30-14 *
Tennessee	State Program	4	TN02970	03-31-15
Texas	NELAP	6	T104704412-11-2	07-31-15
USDA	Federal		P330-11-00386	11-26-17
Virginia	NELAP	3	460185	09-14-15
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	12-31-14 *
Wisconsin	State Program	5	998310390	08-31-15

* Certification renewal pending - certification considered valid.

Method Summary

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

TestAmerica Job ID: 480-73309-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
Field Sampling	Field Sampling	EPA	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 = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

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

TestAmerica Job ID: 480-73309-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-73309-1	MP-408	Water	12/18/14 11:15	12/19/14 10:00

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phon

480-73309 Chain of Custody

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: ☐ DW ☐ NPDES ☒ RCRA ☐ Other: DMP w/TSCA parameters

TestAmerica Laboratories, Inc.

	Project Manager: Mike Gibson	Site Contact: Dan Deborde	Date: 12/18/14
Eagon & Associates, Inc.	Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: FedEx 572280337230
100 Old Wilson Bridge Road Suite 115	Analysis Turnaround Time		
Worthington, Ohio 43085	☑ CALENDAR DAYS ☐ WORKING DAYS		
(614) 888-5760 Phone	TAT if different from Below: 21 Days		
(614) 888-5763 FAX	☐ 2 weeks		
Project Name: County Agreement Sampling	☑ 1 week		
Site: CECOS - Aber Rd	☐ 2 days		
P O #	☐ 1 day		

COC No: 1 of 1 COCs

For Lab Use Only:
Walk-in Client:
Lab Sampling:
Job / SDG No.:
Sampler:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)		DMP VOCs (8260B)	Sample Specific Notes:
MP-408	12/18/14	1115	Grab	GW	3	N		X	VOCs sampled unpreserved

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= None — 1,6 — All samples preserved on ice

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: RUSH TAT DUE TO UNPRESERVED VOCs

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by: Nelson Nowak	Company: Eagon & Associates, Inc.	Date/Time: 12/18/14 1500	Received by:	Company: TA Buff	Date/Time: 12/19/14 1000
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

F:\EXCEL FILES\CECOS-Aber Rd\TA.Buff.COC.xls

2 3.4

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-73309-1

Login Number: 73309
List Number: 1
Creator: Janish, Carl M

List Source: TestAmerica 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.	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.	N/A	
Chlorine Residual checked.	N/A	

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-408

WELL DATA

Water-Level Date 12/18/14 (MM DD YY) **Water-Level Time** 1040 (2400 Hr. Clock) **Purge/Sample Method:** LF X = Other LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.

Well Elevation (at TOC) 911.64 (ft/msl) **Depth to Water (DTW) (from TOC)** 23.10 (ft) **Groundwater Elevation (site datum, from TOC)** 893.31 (ft/msl)

Total Well Depth (from TOC) 115.00 (ft) Water Column Height (well depth - DTW) 91.90 (ft) Casing ID 02 (in)

PURGE/SAMPLE EQUIPMENT

Purging and Sampling Equipment...Dedicated (Y) or N Filter Device Y or (N) ~~0.45µ~~ (NA) — µ *(circle or fill in)*

Purging Device C A-Submersible Pump B-Peristaltic Pump C-QED 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

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*	ACTUAL VOL PURGED (Liters:Gallons) *circle one*	(PUMP/TUBING:WELL) VOLS PURGED *(optional)*
12/18/14	1040	00:35	15	110	73

STABILIZATION DATA

Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L: Gals) *circle one*	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
1040	23.10						
1100	21.91	1.80	7.20	318.9	13.0	—	400
1105	21.84	1.90	7.17	317.5	12.5	—	200
1110	21.79	1.10	7.17	317.2	12.4	—	200
1115	21.83	1.10	7.19	367.0	12.3	8.47	200
:							
:							
:							
:							
:							
:							

Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).

FIELD DATA

SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) *circle one*	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
12/18/14	1115	110	7.19	367.0	12.3	8.47	200

FIELD COMMENTS

Sample Appearance: — Odor: None Color: Clear Other: —

Weather Conditions (at sample time): Wind Speed/Direction: 0-5/W Air Temp: 30°F Precipitation: Y or (N)

Specific Comments (including purge/well volume calculations if required):

Sample water effervescent

samples collected: DMP VOCs

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

Date	Name	Signature	Company
12/18/14	Nelson Novak	[signature]	Eagport Assoc. Inc.

EA-100 R: 4/10

FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility* Sampler(s): Nelson Novak

pH Meter(s): Make/Model/Serial No: OAKTON/300/357833

Buffer Brand/Expiration: pH 4 IE 8/28/15 ; pH 7 IE 2/7/16 ; pH 10 IE 12/12/15

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)
12/18/14	1033	calibrate	4.04	7.04	10.00	19.3

Conductivity/Temp. Meter(s): Make/Model/Serial No: OAKTON/300/357833

Cond. Solution Brand/Expiration: IE 11/14/15 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (µmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
12/18/14	1035	calibrate	1417	19.3	

Turbidity Meter(s): Make/Model/Serial No.: HACH/2100P/090800037691

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
12/18/14	1036	~~Calibrate~~ Check	5.18	5.30	

Sampler (Name): Nelson Novak Sampler (Signature): [signature]

Sampler (Name): Sampler (Signature):

F:\ExcelFiles\CECOS\fieldmeterform.pH.Cond.xls

APPENDIX B.

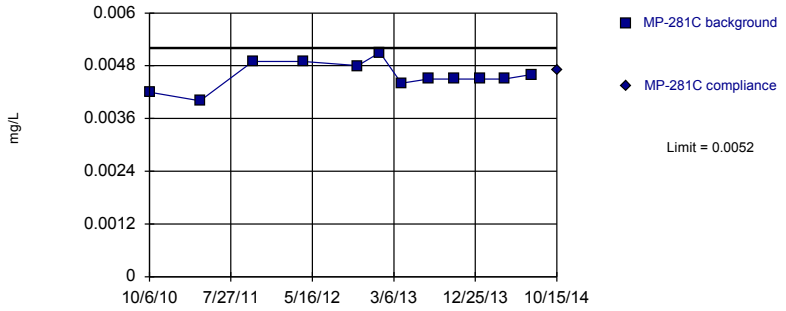
2014 SECOND SEMIANNUAL STATISTICAL ANALYSIS RESULTS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004575, Std. Dev.=0.0003108, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9585, critical = 0.805. Kappa = 2.008 (c=8, w=2, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:21 AM View: Stats

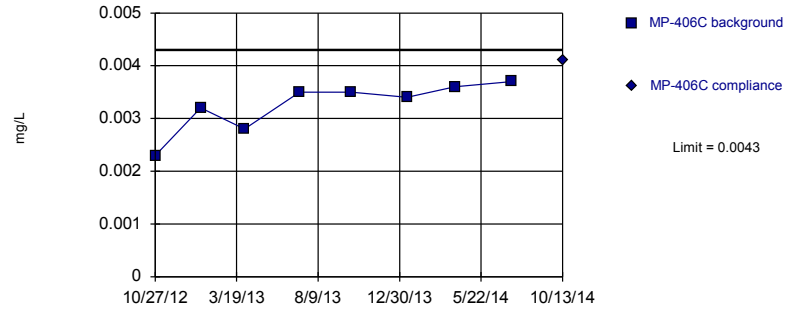
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00325, Std. Dev.=0.0004751, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8492, critical = 0.749. Kappa = 2.312 (c=8, w=2, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:21 AM View: Stats

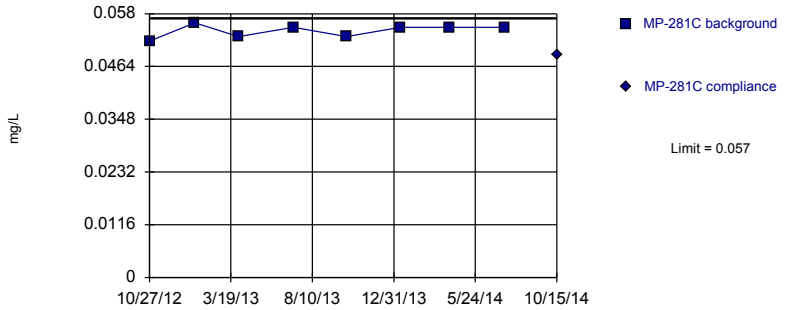
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05425, Std. Dev.=0.001389, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8574, 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 12/18/2014 9:21 AM View: Stats

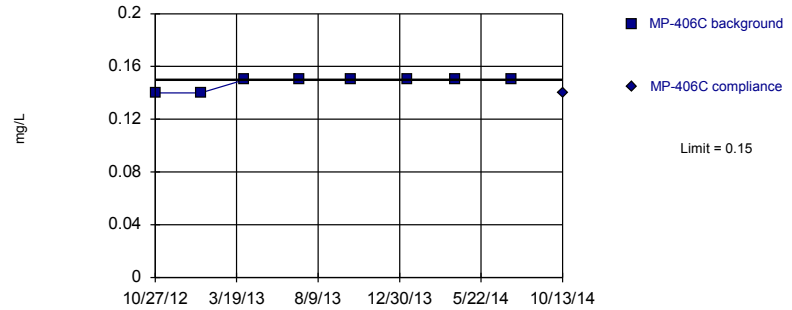
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

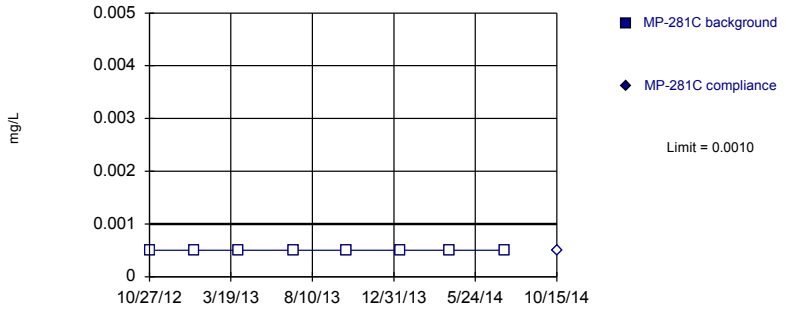
Constituent: Barium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



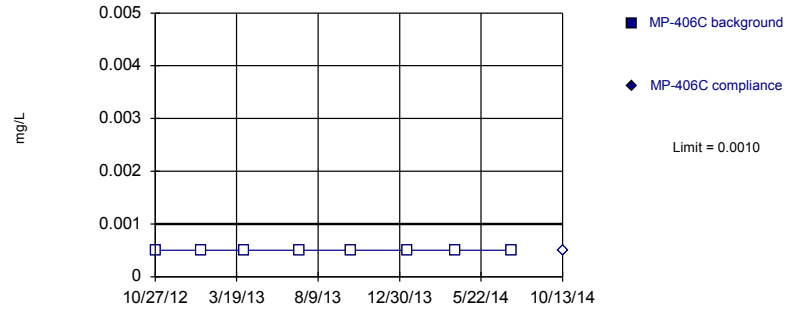
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



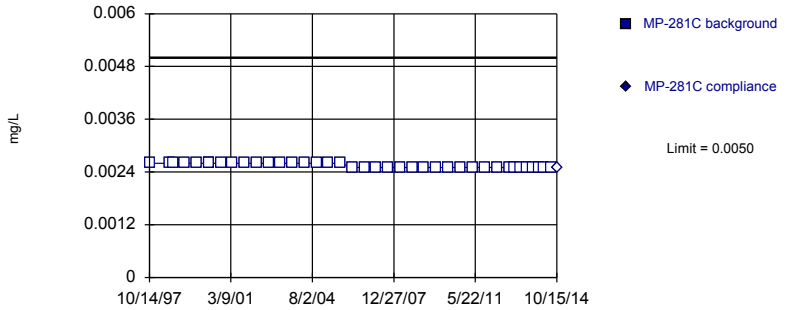
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



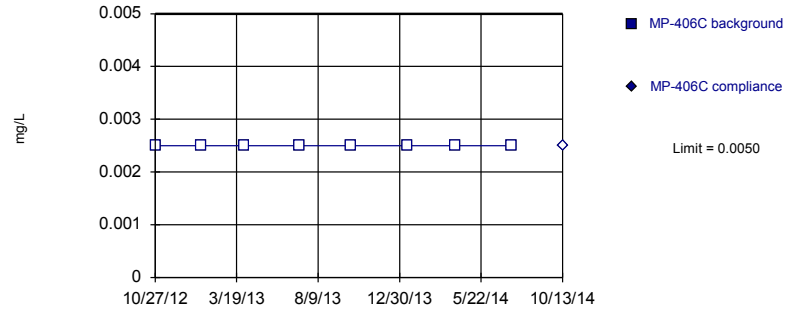
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 39) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002451. Individual comparison alpha = 0.001226 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



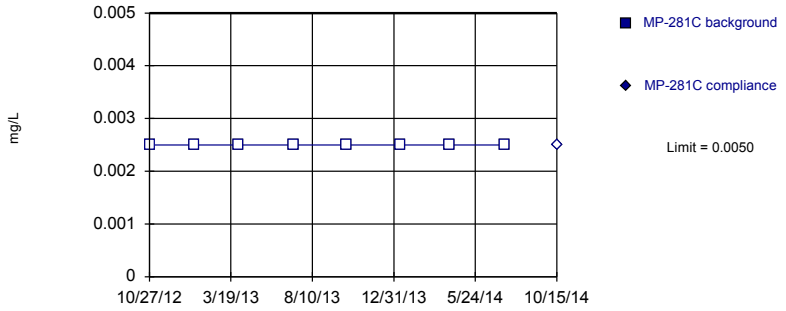
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



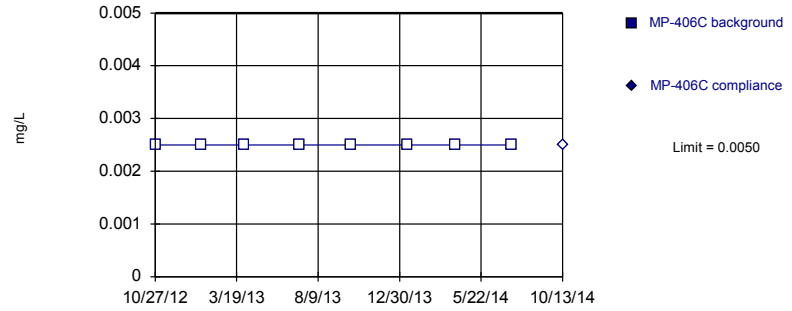
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Lead Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



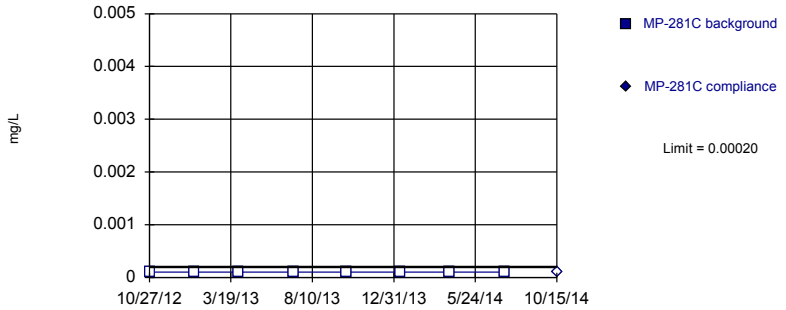
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Lead Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



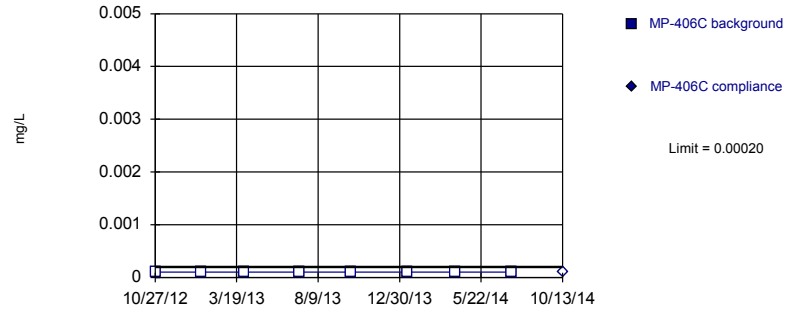
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Mercury Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



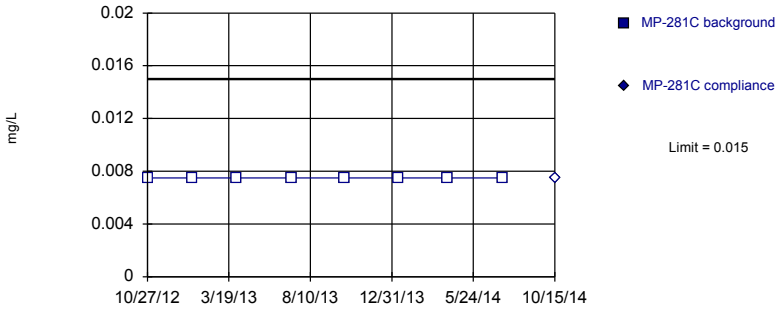
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Mercury Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



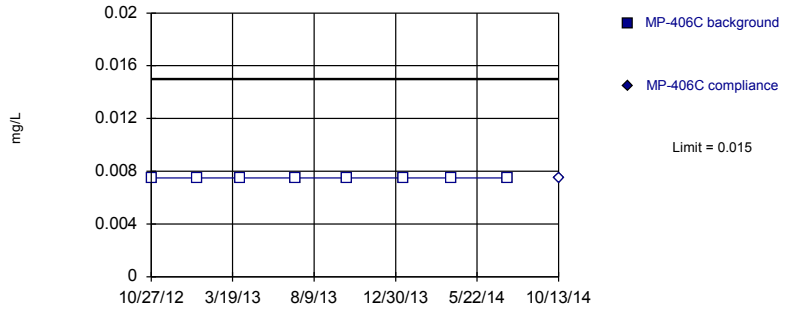
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Selenium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



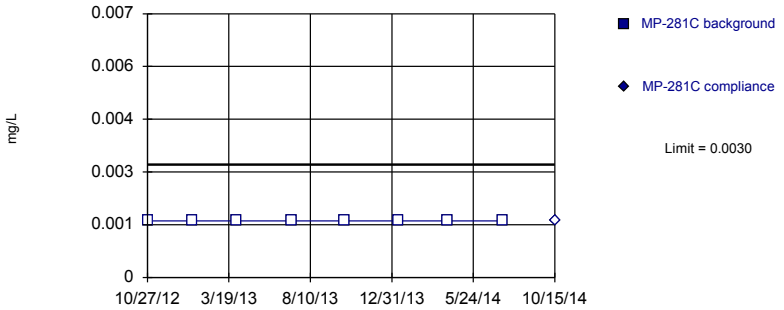
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Selenium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



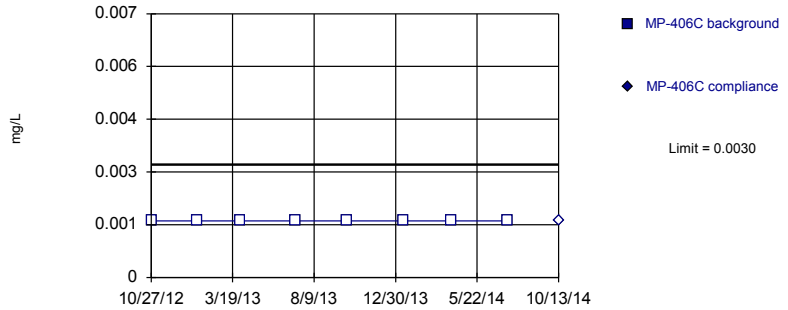
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. 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 = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:22 AM 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 12/18/2014, 9:23 AM

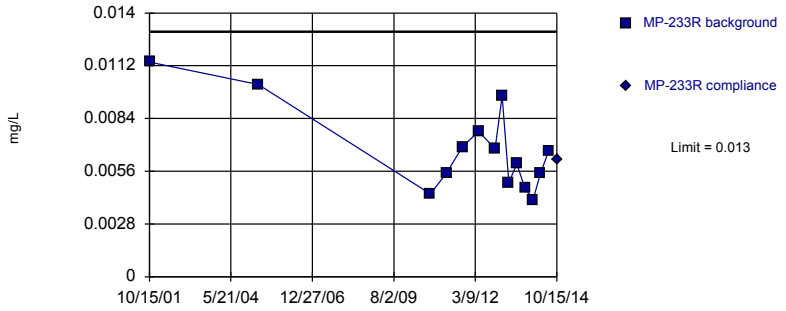
Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Method
Arsenic Dissolved (mg/L)	MP-281C	0.0052	10/15/2014	0.0047	No	12	0.004575	0.0003108	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-406C	0.0043	10/13/2014	0.0041	No	8	0.00325	0.0004751	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-281C	0.057	10/15/2014	0.049	No	8	0.05425	0.001389	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-406C	0.15	10/13/2014	0.14	No	8	n/a	n/a	0	n/a	n/a	NP Intra (normality) 1 of 2
Cadmium Dissolved (mg/L)	MP-281C	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-406C	0.0010	10/13/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-281C	0.0050	10/15/2014	0.0025ND	No	39	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-406C	0.0050	10/13/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-281C	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-406C	0.0050	10/13/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-281C	0.00020	10/15/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-406C	0.00020	10/13/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-281C	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-406C	0.015	10/13/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-281C	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-406C	0.0030	10/13/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.00675, Std. Dev.=0.002254, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9054, critical = 0.825. Kappa = 2.732 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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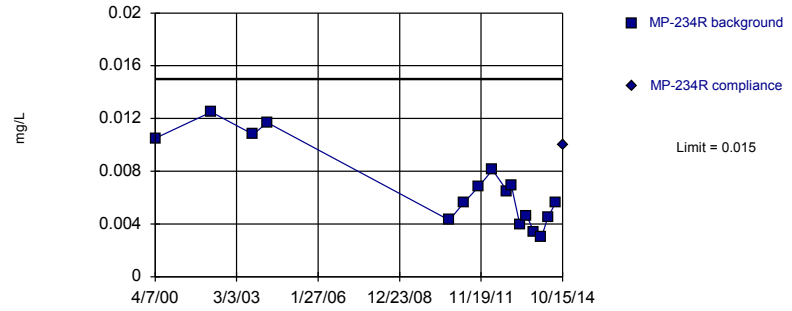
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.0068, Std. Dev.=0.003067, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9037, critical = 0.844. Kappa = 2.604 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

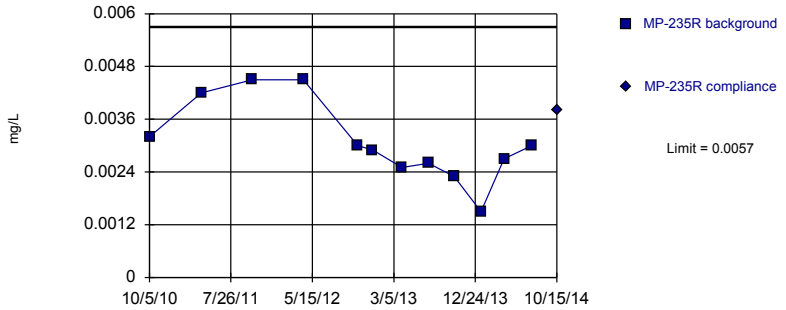
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.003075, Std. Dev.=0.0009127, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9171, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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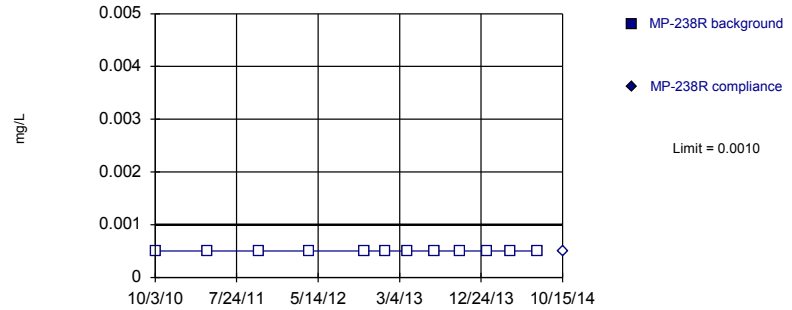
Hollow symbols indicate censored values.

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 = 12) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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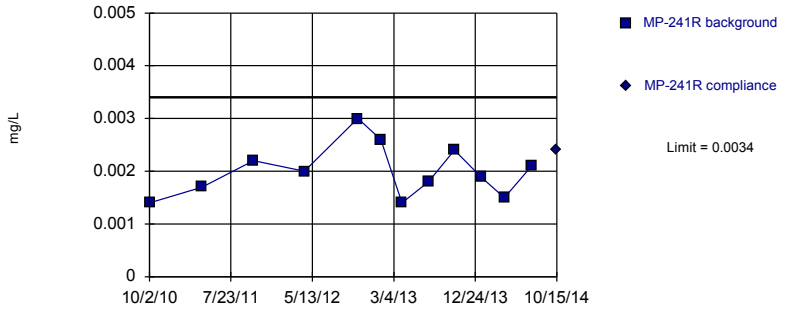
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002, Std. Dev.=0.0004936, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9507, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

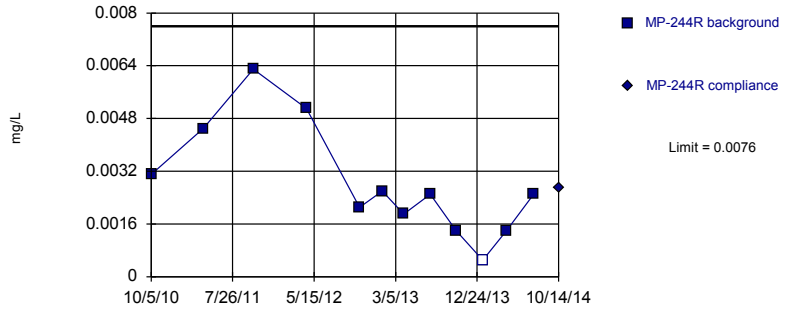
Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002825, Std. Dev.=0.001685, n=12, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

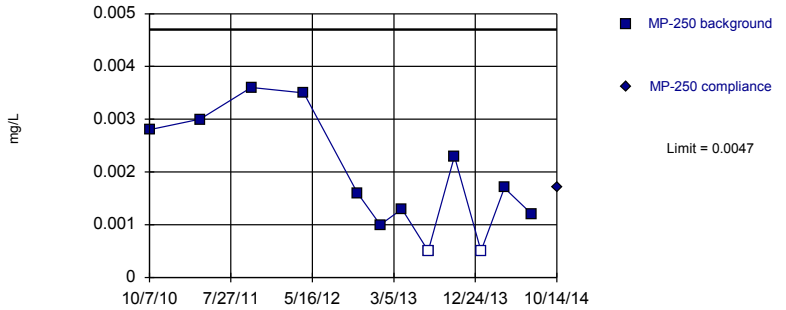
Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002, Std. Dev.=0.0009539, n=12, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

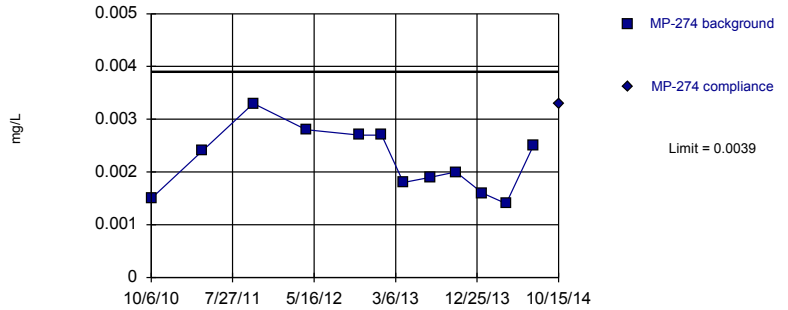
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002217, Std. Dev.=0.0006013, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9473, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

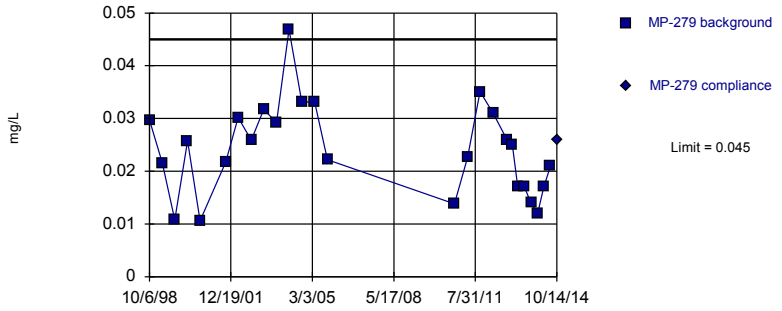
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.024, Std. Dev.=0.008734, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9609, 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 12/18/2014 9:33 AM View: Stats

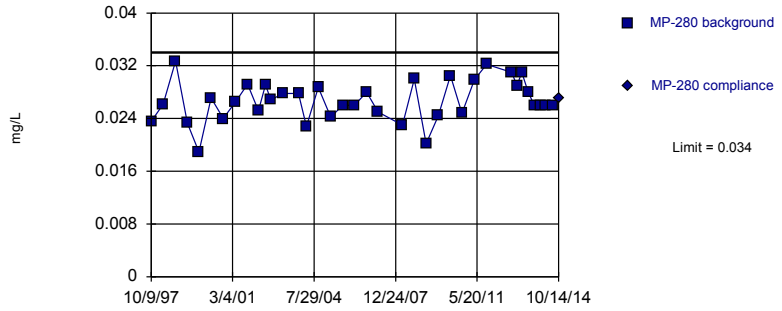
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02667, Std. Dev.=0.003118, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.981, critical = 0.914. Kappa = 2.256 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

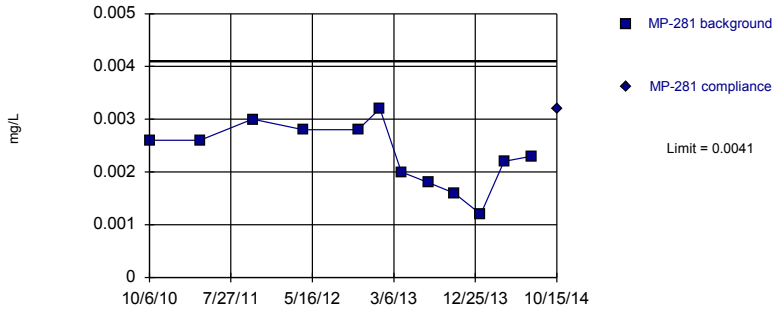
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002342, Std. Dev.=0.0006037, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9661, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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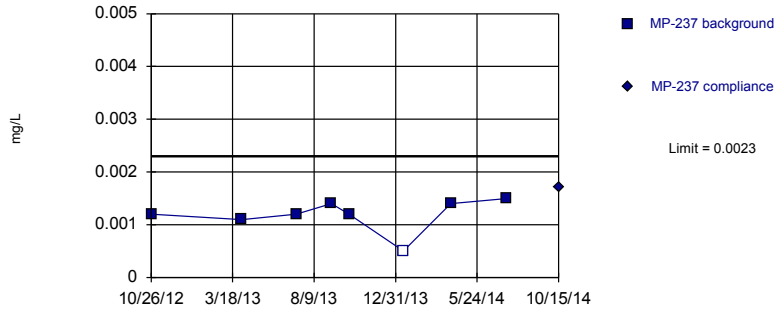
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.001188, Std. Dev.=0.0003091, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8078, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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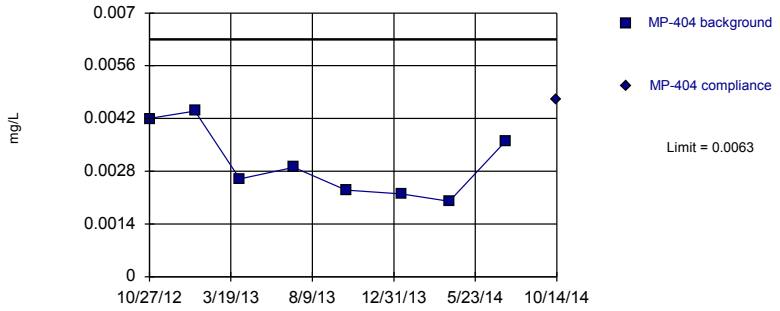
Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.003025, Std. Dev.=0.0009301, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8956, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

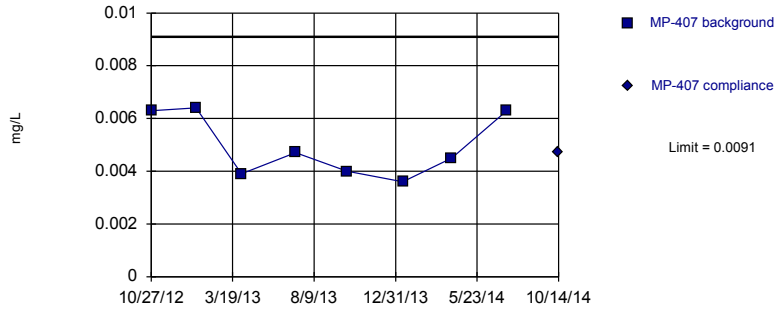
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.004963, Std. Dev.=0.001186, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8349, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

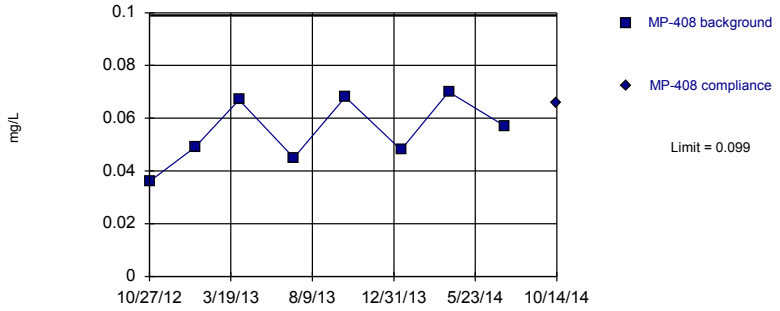
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.055, Std. Dev.=0.01247, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9186, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

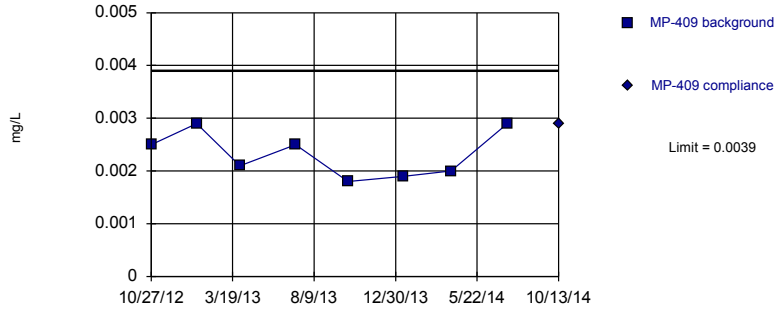
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.002325, Std. Dev.=0.0004367, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8928, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

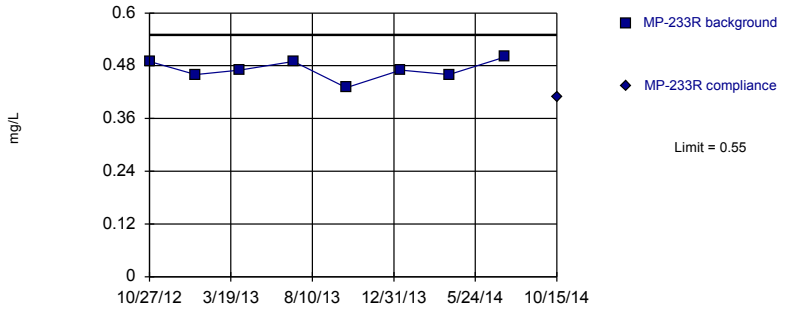
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.4713, Std. Dev.=0.02232, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9344, 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 12/18/2014 9:33 AM View: Stats

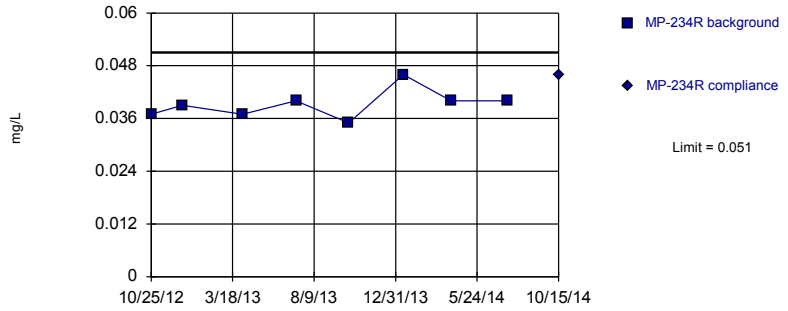
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03925, Std. Dev.=0.003284, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8874, 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 12/18/2014 9:33 AM View: Stats

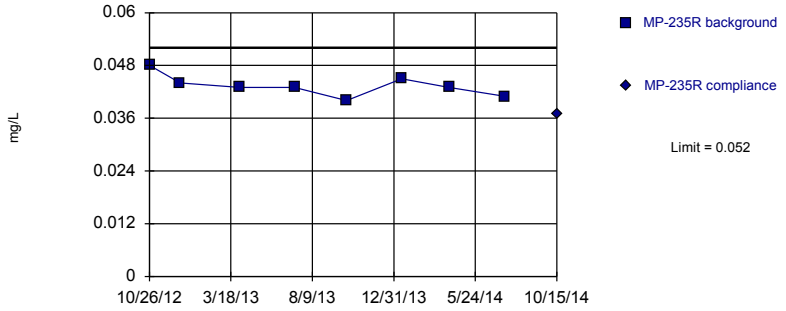
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04338, Std. Dev.=0.002446, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9423, 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 12/18/2014 9:33 AM View: Stats

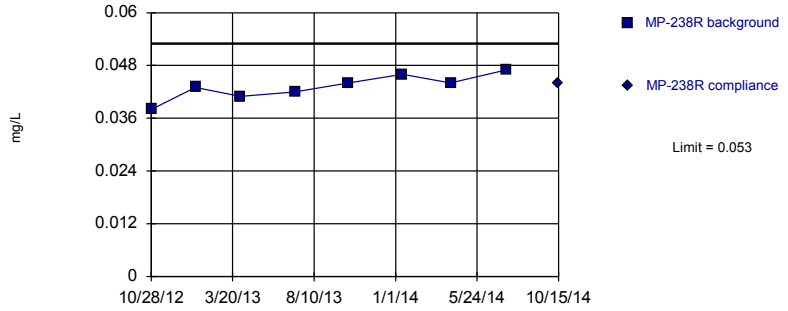
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04313, Std. Dev.=0.00285, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, 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 12/18/2014 9:33 AM View: Stats

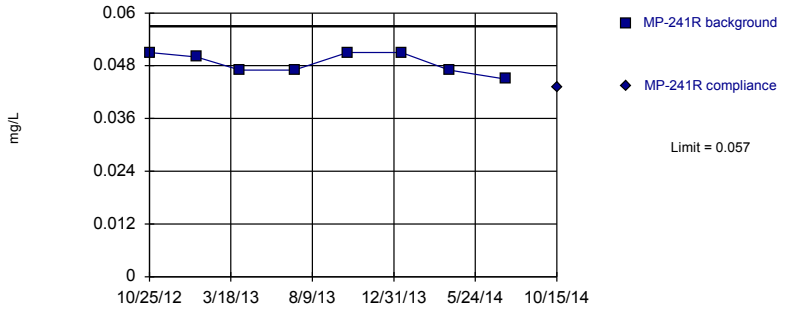
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04863, Std. Dev.=0.002387, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8327, 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 12/18/2014 9:33 AM View: Stats

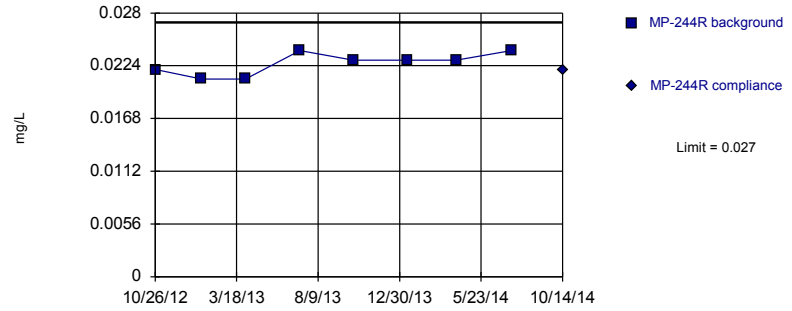
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02263, Std. Dev.=0.001188, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8748, 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 12/18/2014 9:33 AM View: Stats

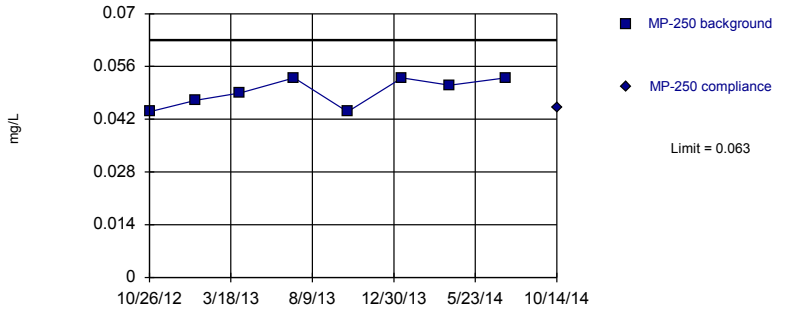
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04925, Std. Dev.=0.003882, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8469, 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 12/18/2014 9:33 AM View: Stats

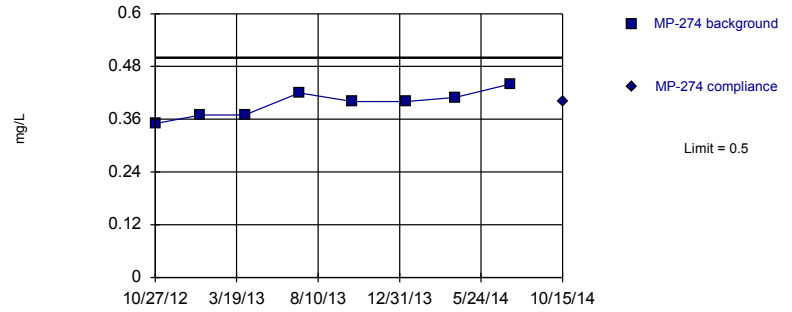
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.395, Std. Dev.=0.02976, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, 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 12/18/2014 9:33 AM View: Stats

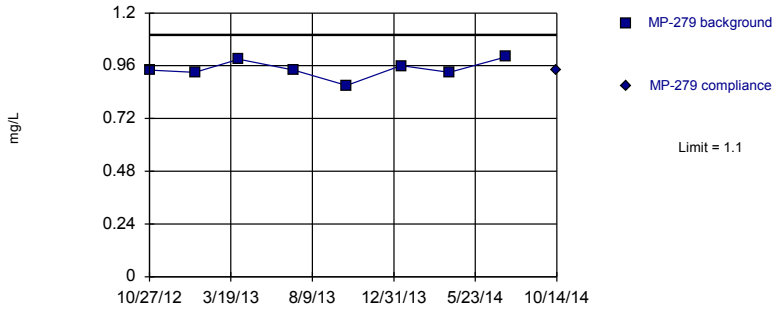
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.945, Std. Dev.=0.04036, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9286, 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 12/18/2014 9:33 AM View: Stats

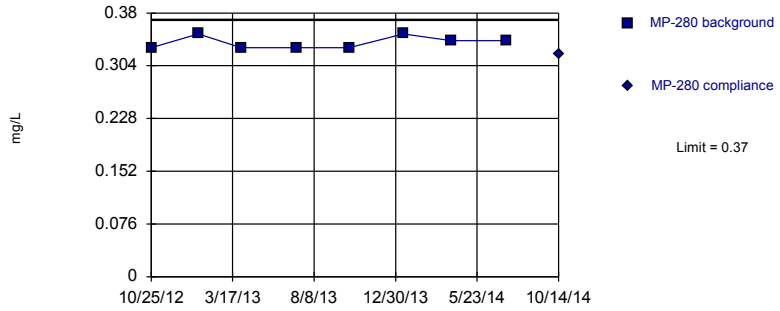
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.3375, Std. Dev.=0.008864, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7818, 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 12/18/2014 9:33 AM View: Stats

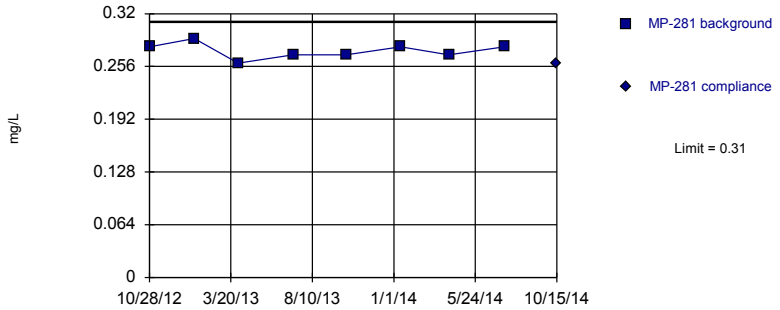
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.275, Std. Dev.=0.009258, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9302, 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 12/18/2014 9:33 AM View: Stats

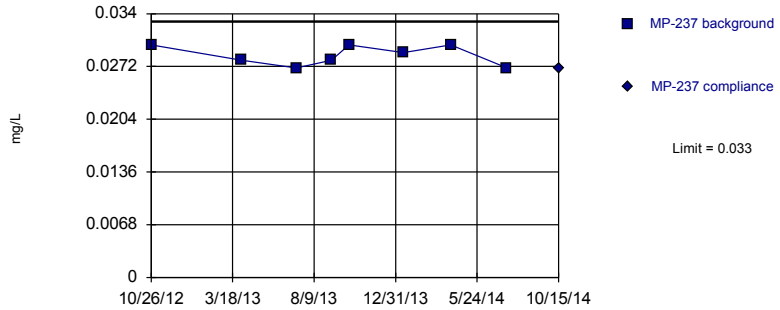
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02863, Std. Dev.=0.001302, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.846, 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 12/18/2014 9:33 AM View: Stats

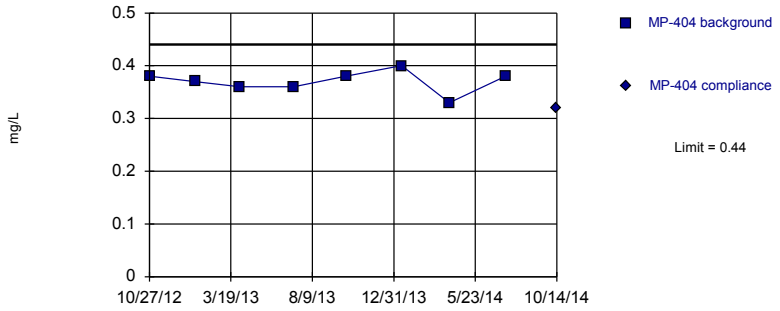
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.37, Std. Dev.=0.0207, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9271, 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 12/18/2014 9:33 AM View: Stats

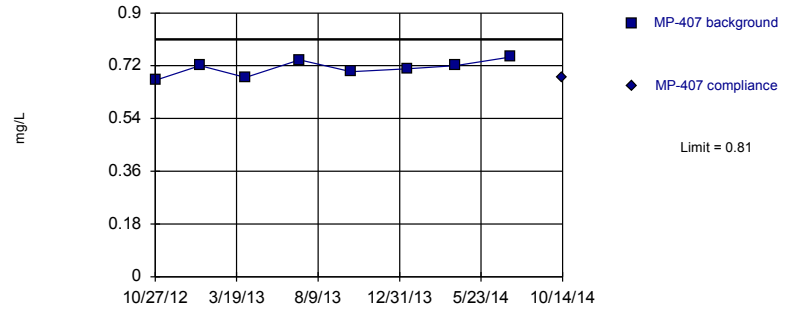
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.7113, Std. Dev.=0.02748, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, 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 12/18/2014 9:33 AM View: Stats

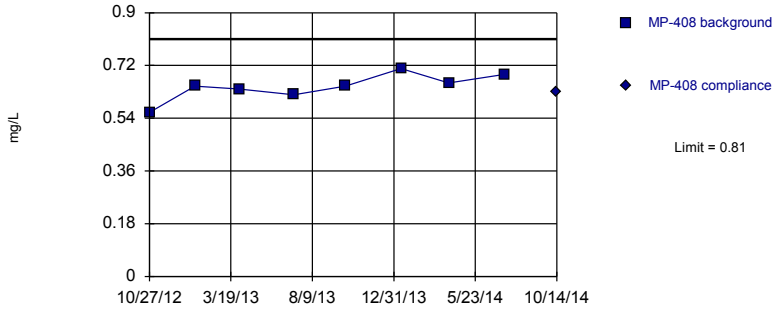
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.6475, Std. Dev.=0.04528, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9444, 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 12/18/2014 9:33 AM View: Stats

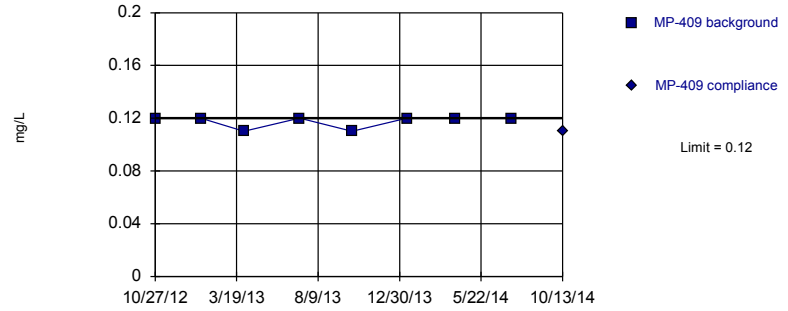
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

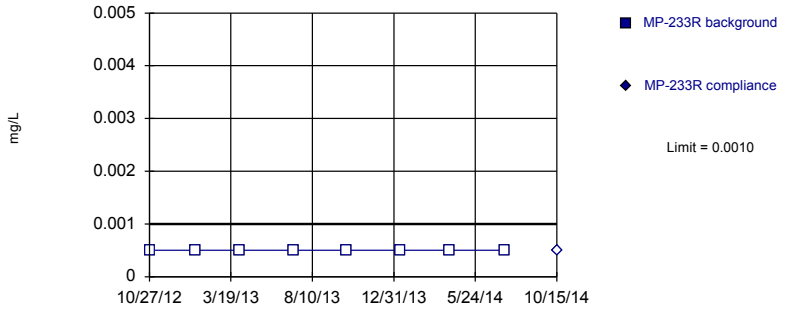
Constituent: Barium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



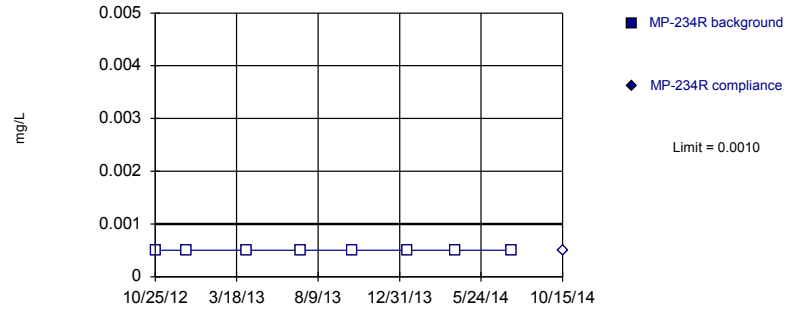
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



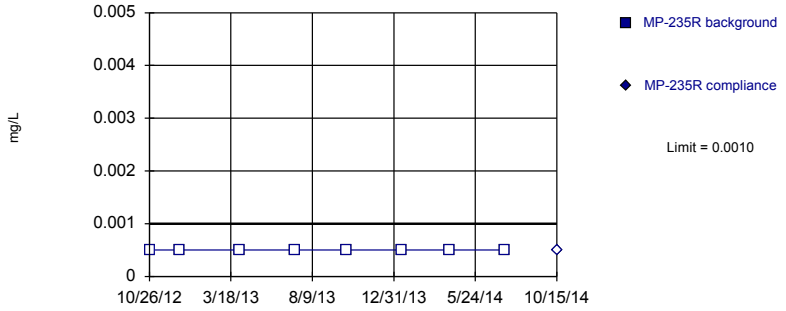
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



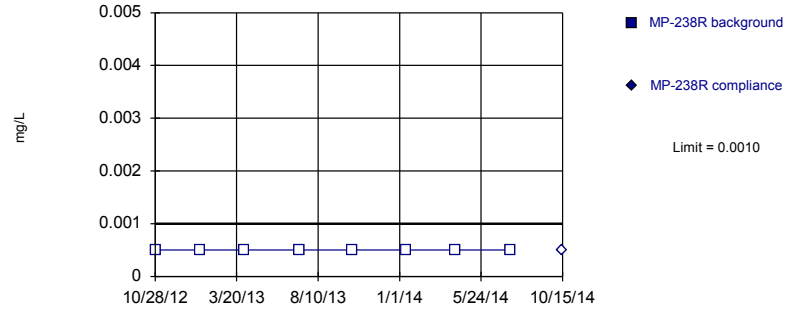
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



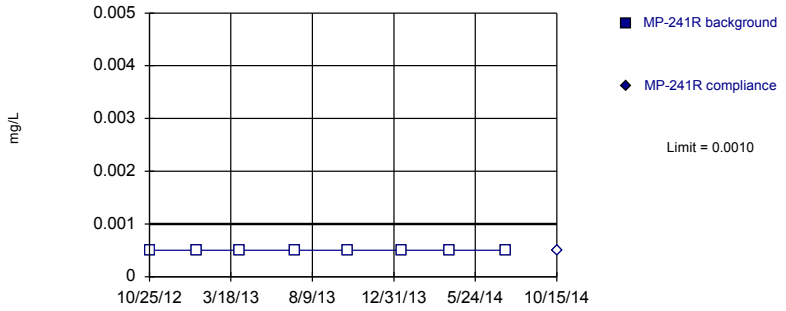
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



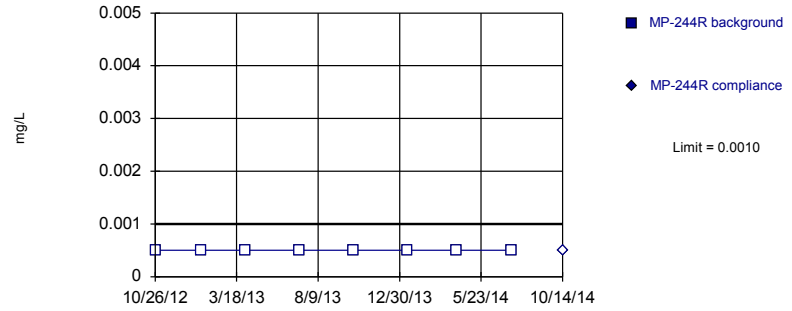
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



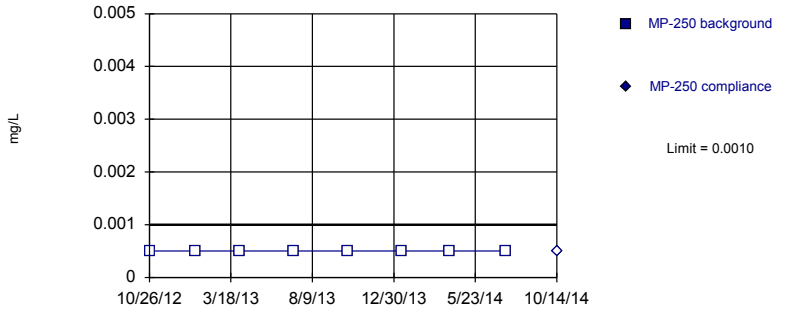
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



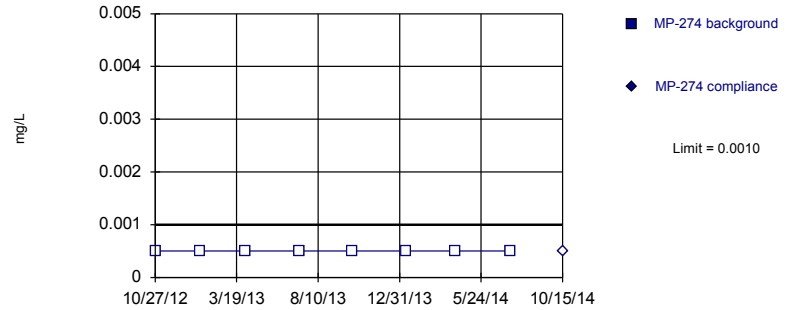
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



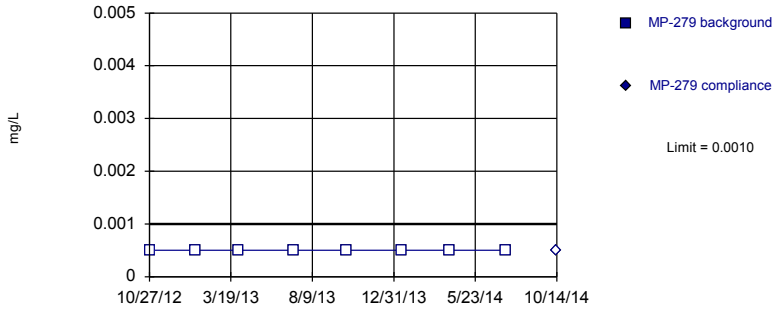
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



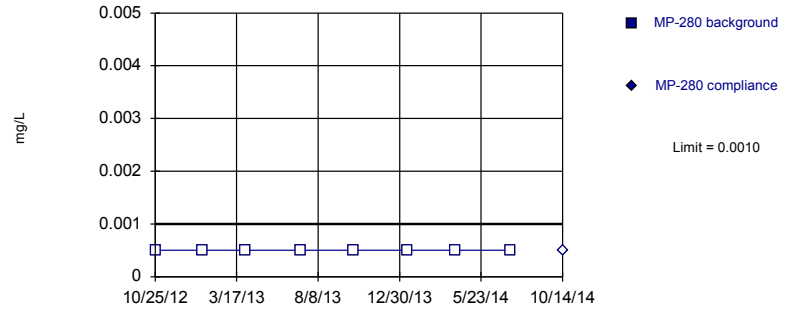
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



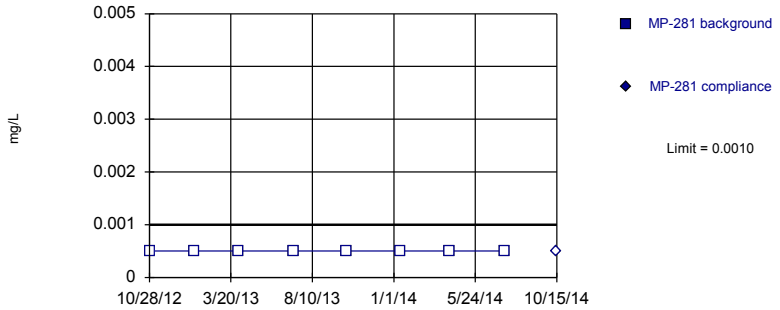
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



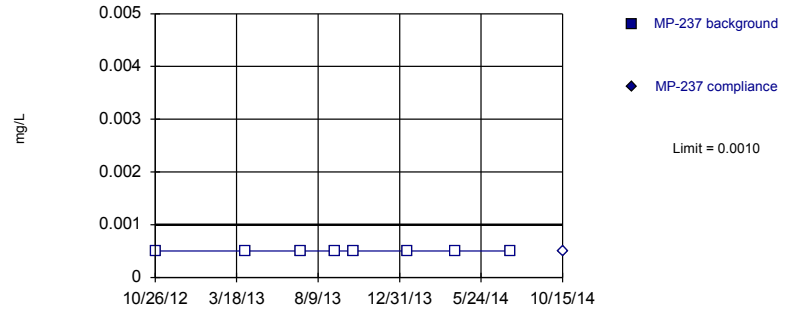
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



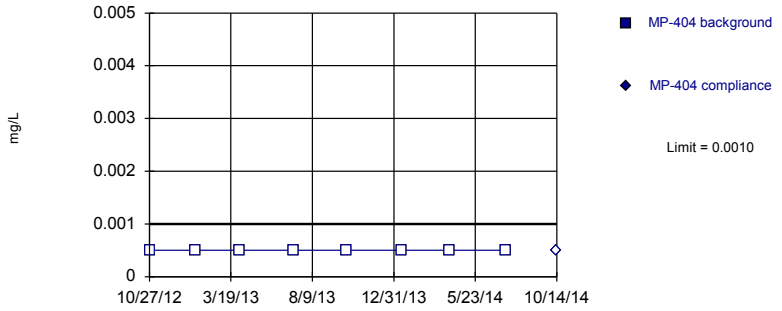
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



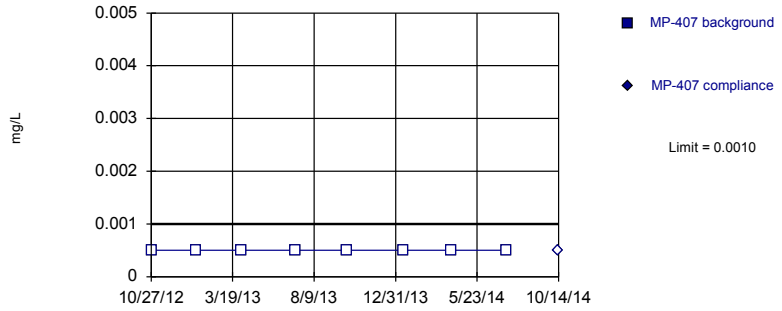
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Intrawell Non-parametric



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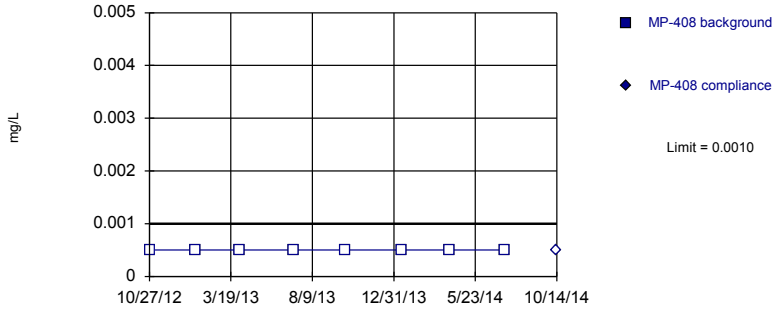

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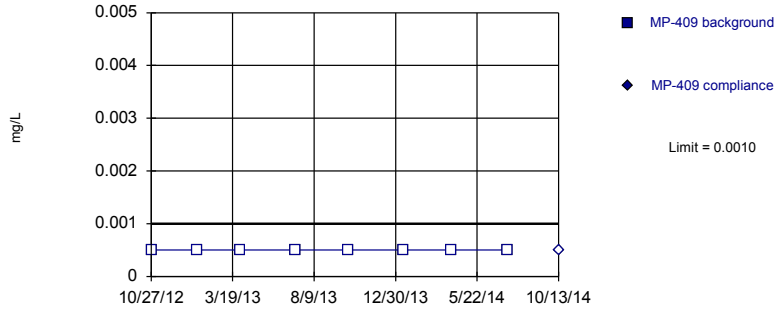

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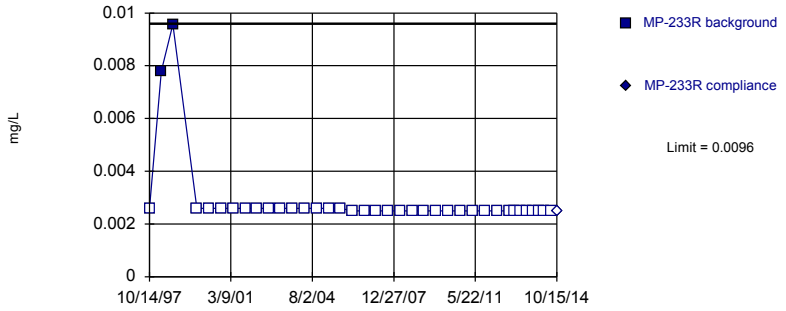

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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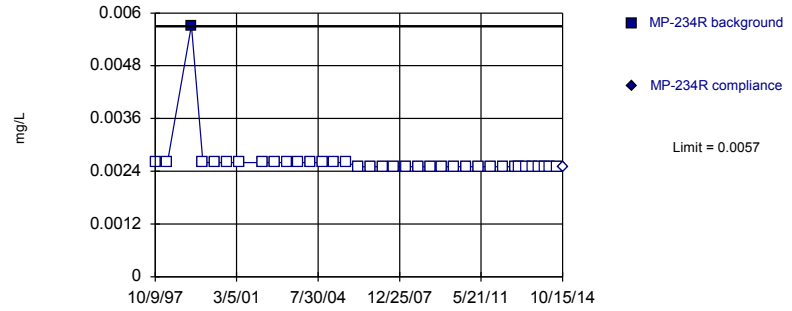

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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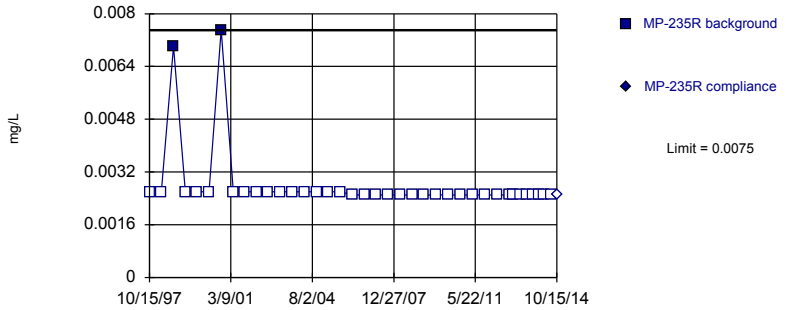

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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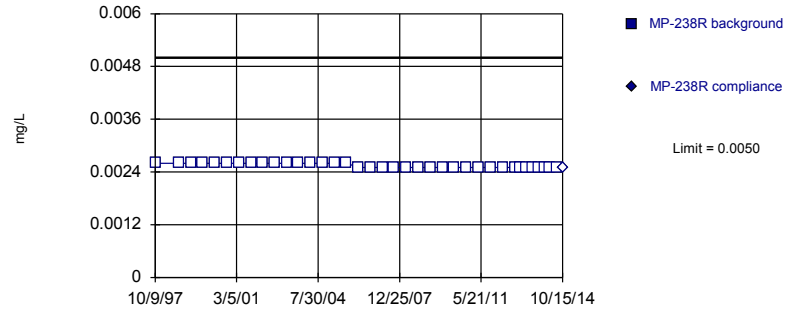

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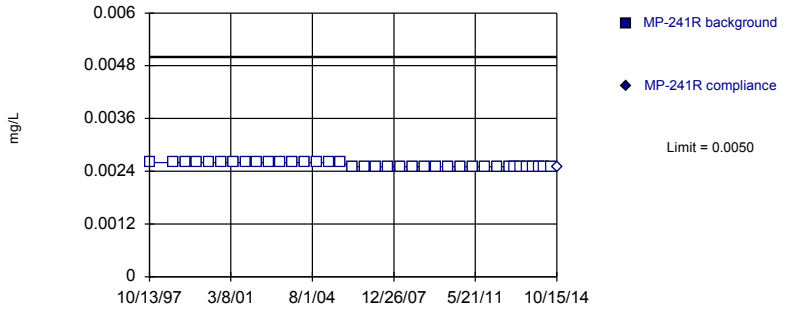

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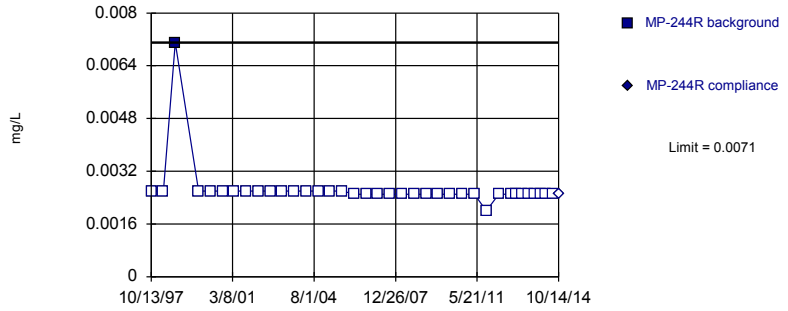

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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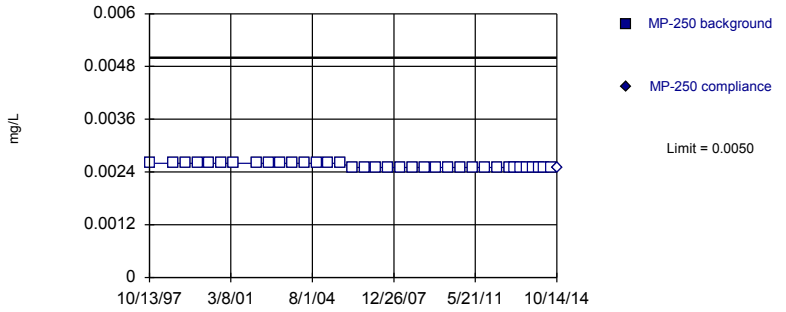

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 36) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 12/18/2014 9:34 AM 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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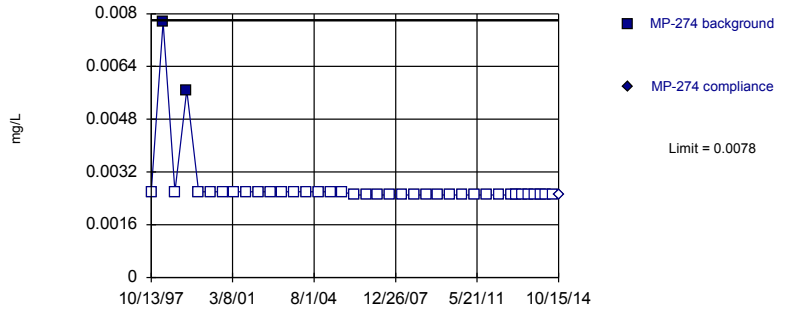

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

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Prediction Limit

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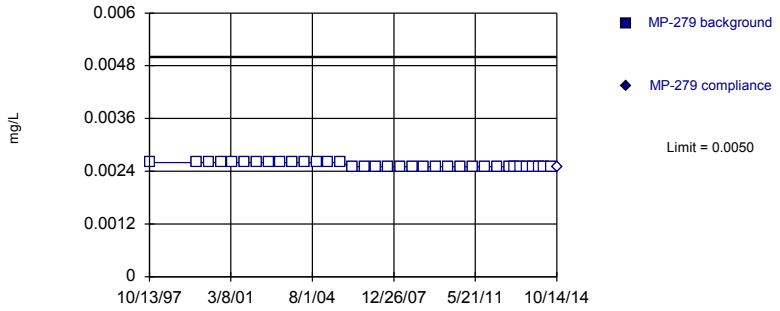

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 35) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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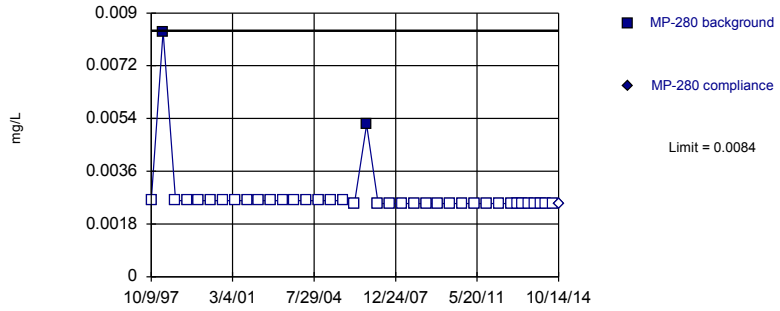

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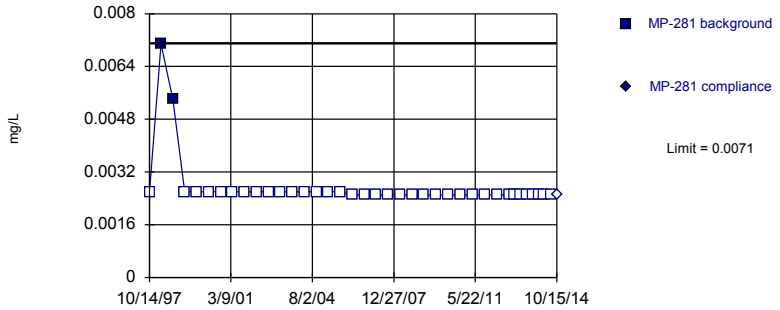

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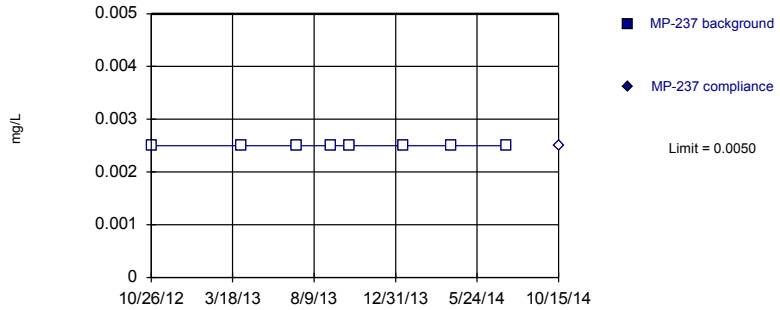

Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

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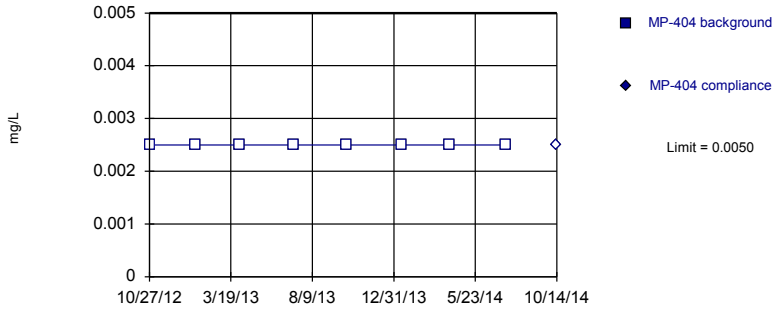

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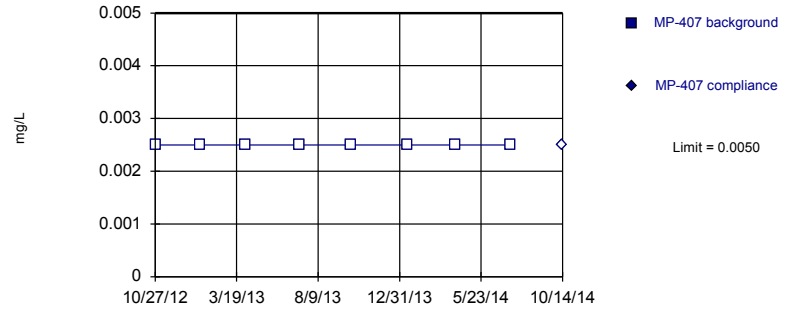

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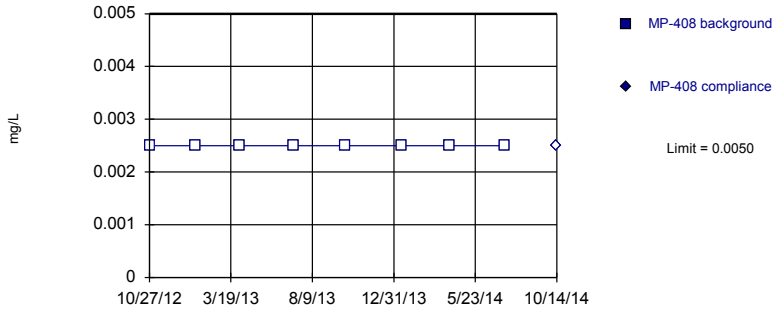

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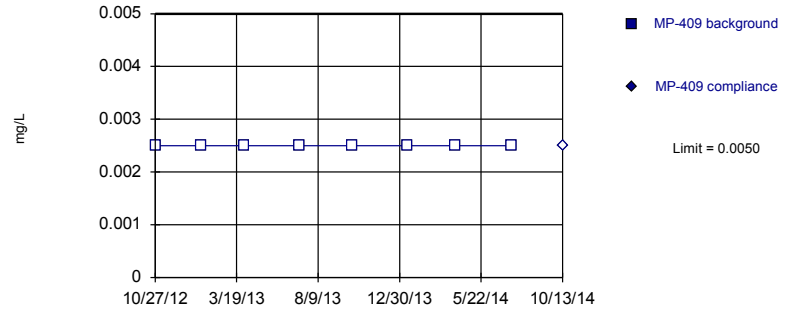

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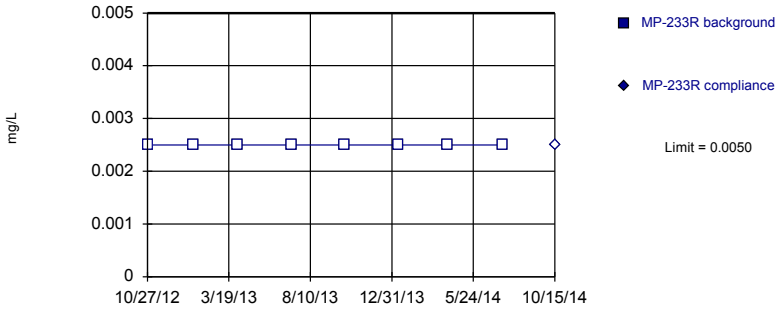

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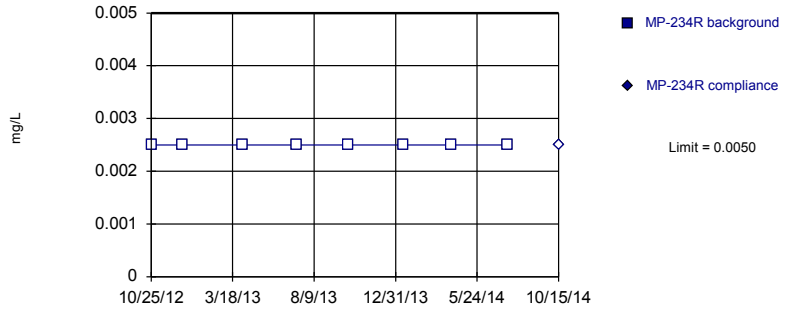

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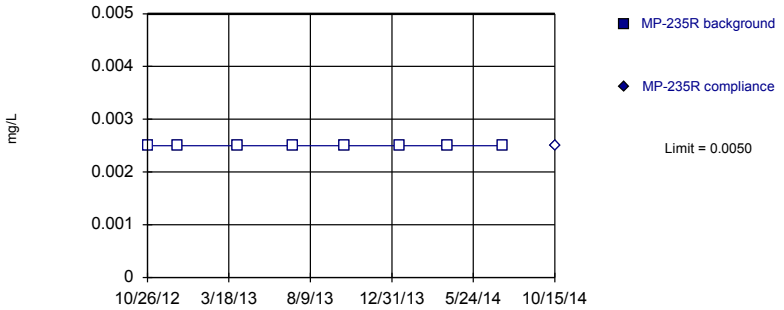

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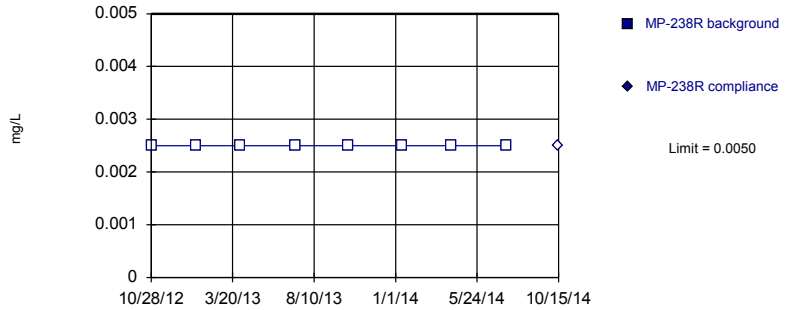

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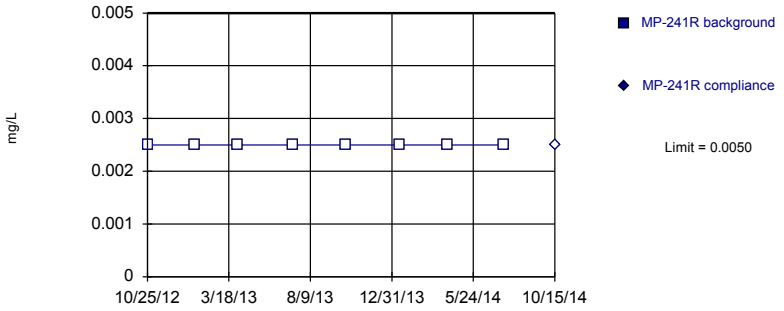

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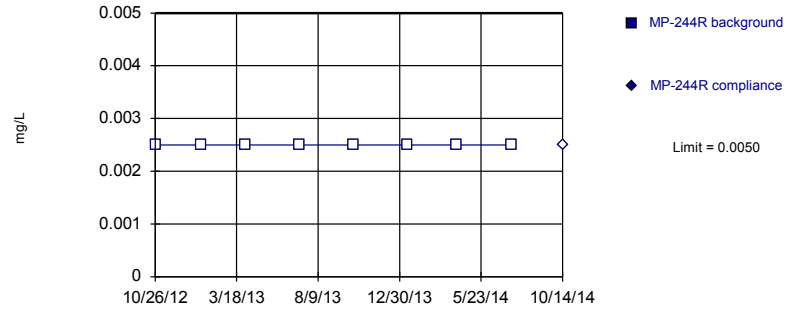

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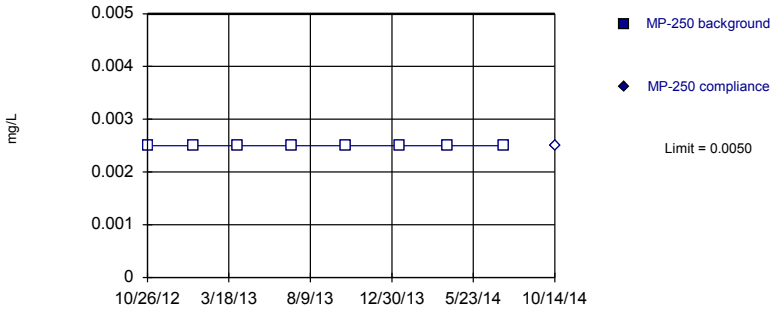

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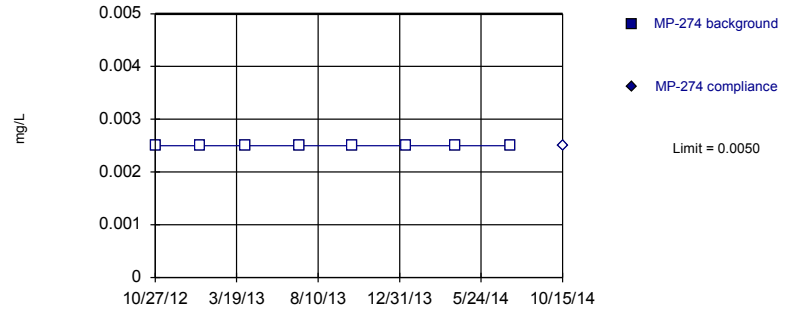

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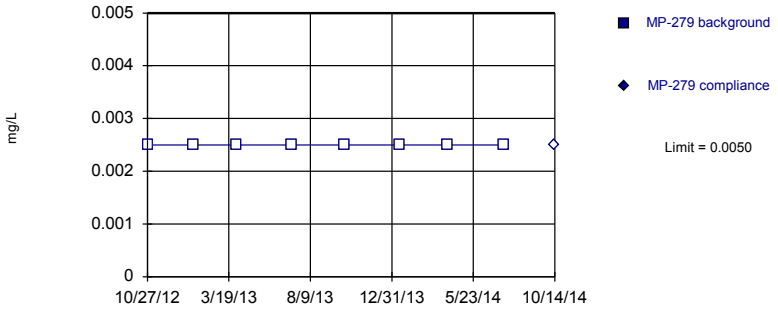

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Within Limit

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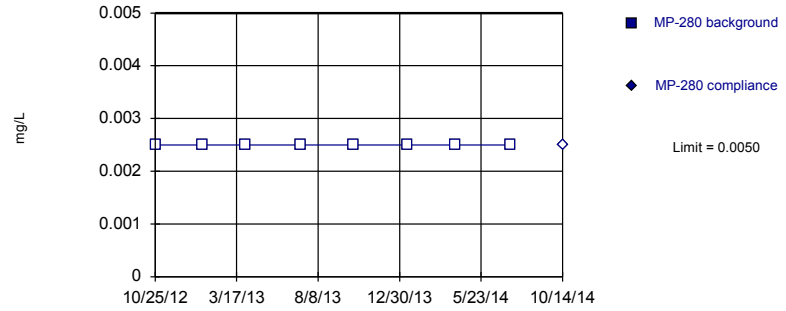

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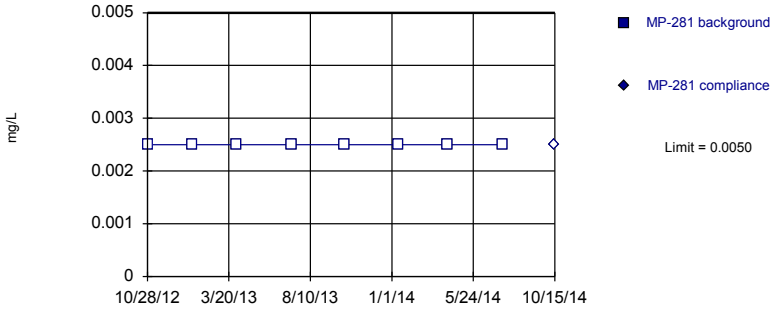

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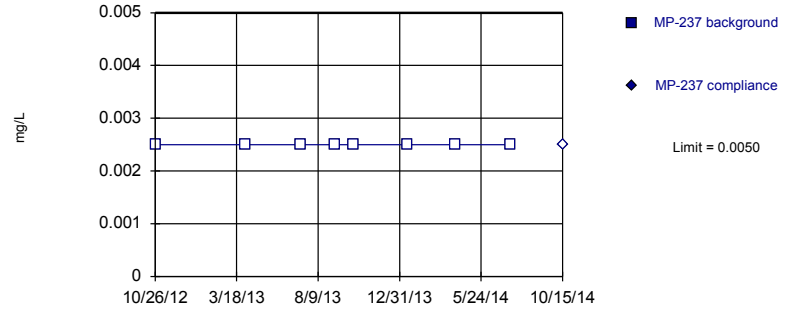

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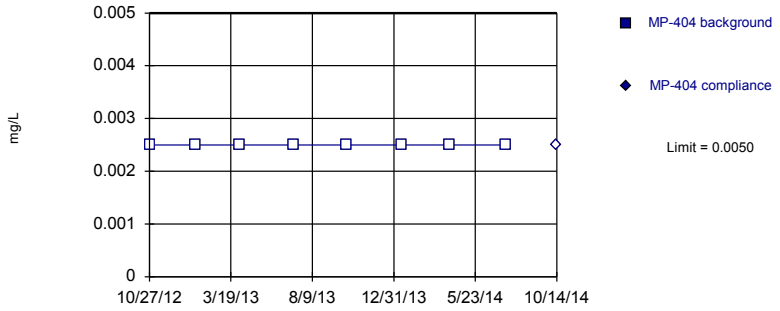

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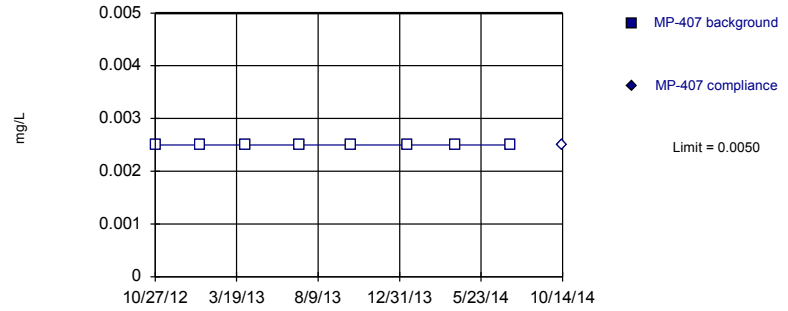

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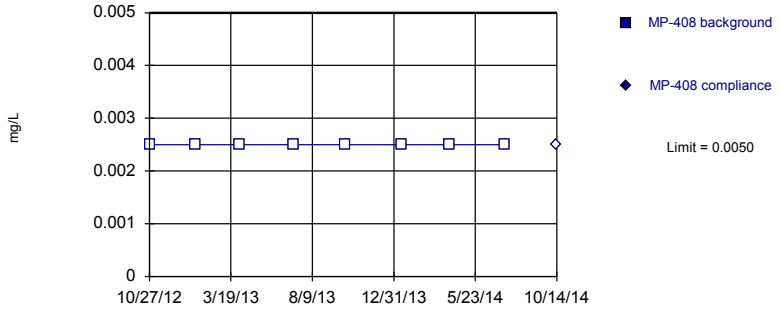

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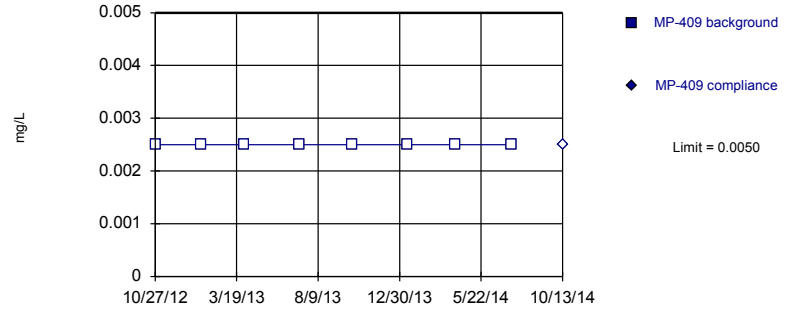

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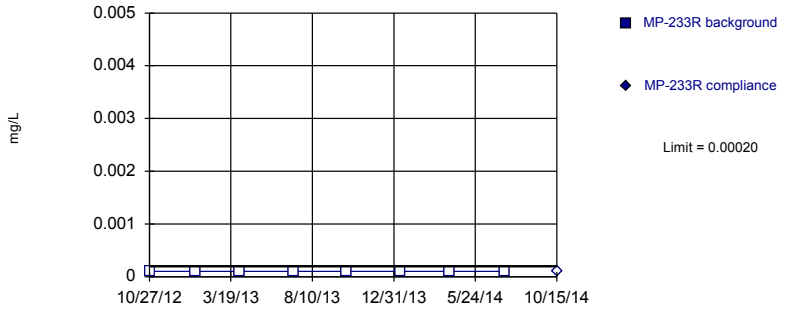

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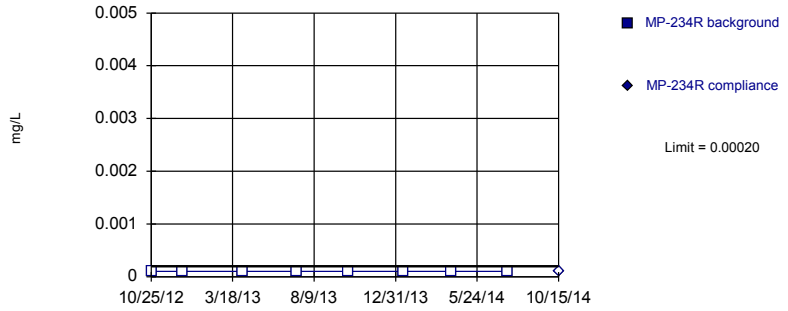

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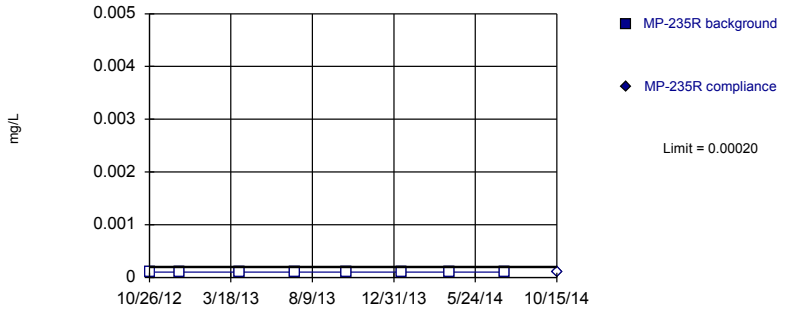

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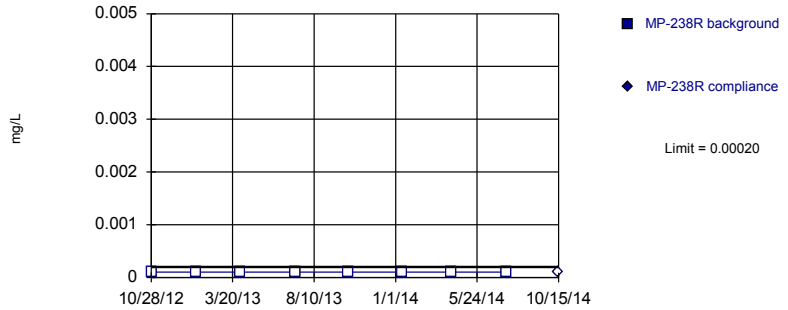

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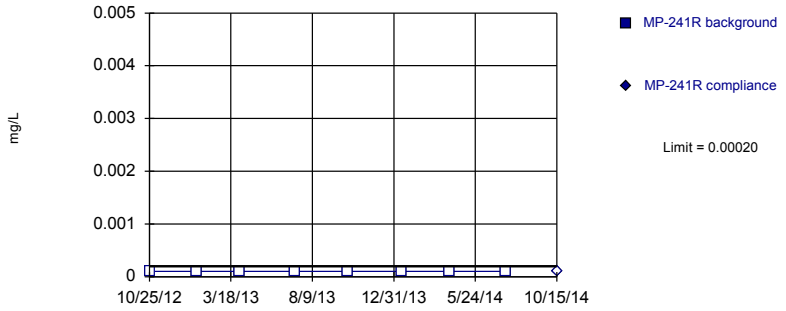

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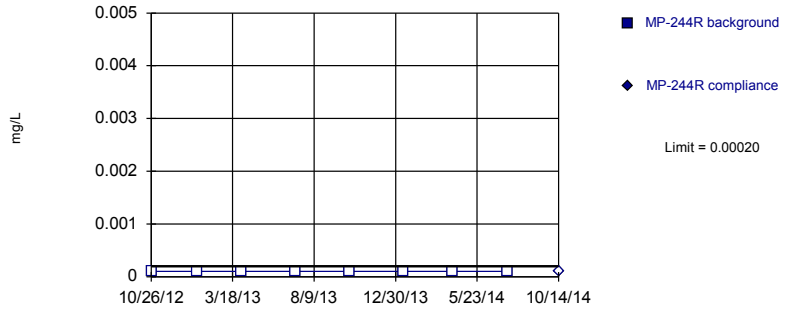

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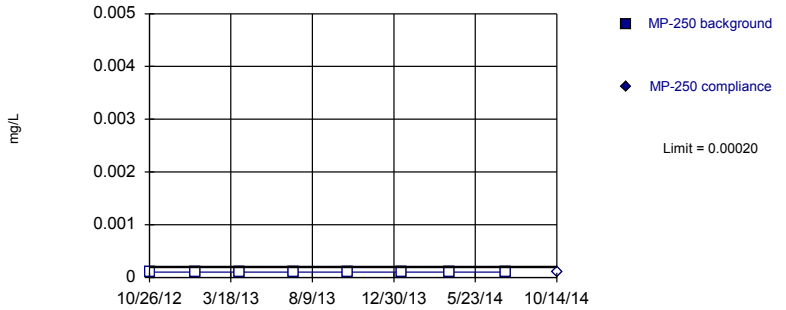

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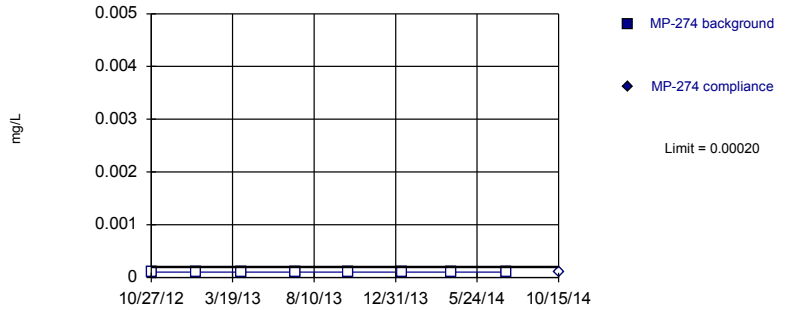

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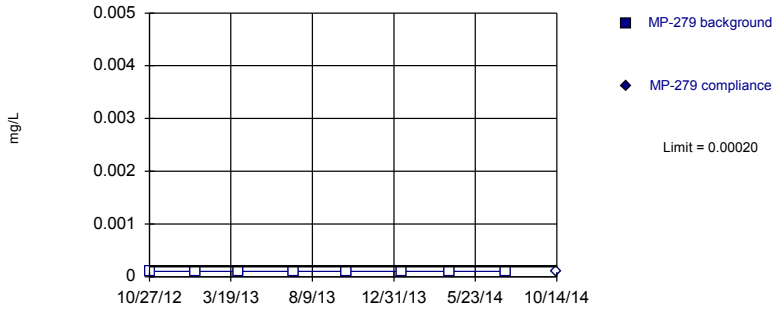

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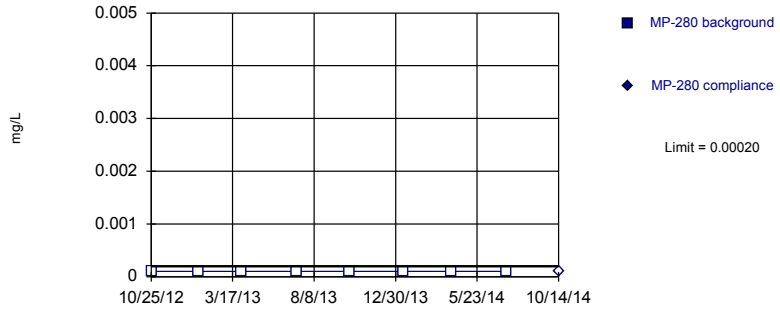

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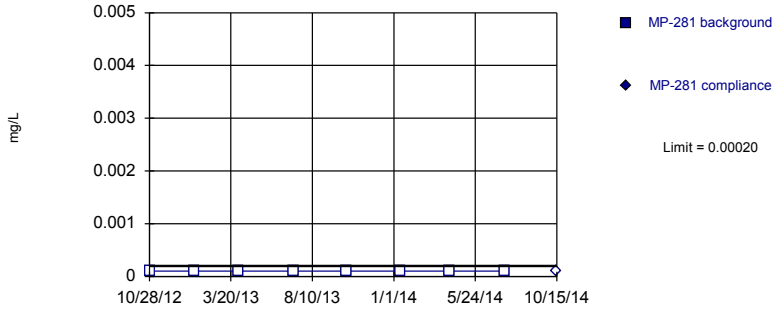

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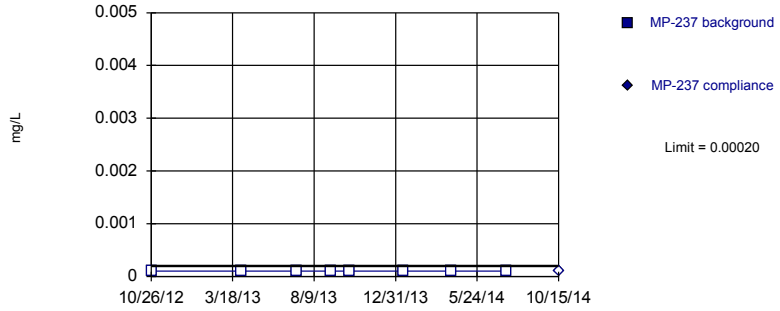

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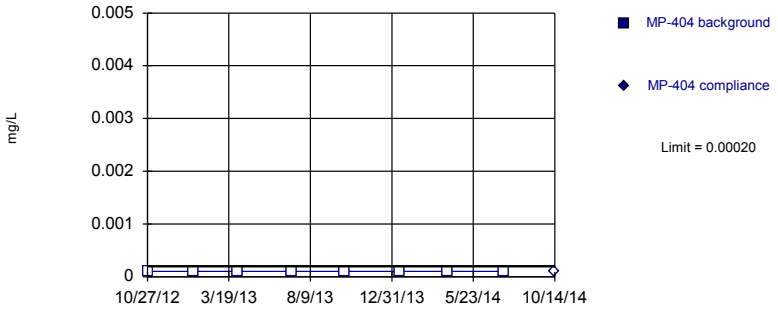

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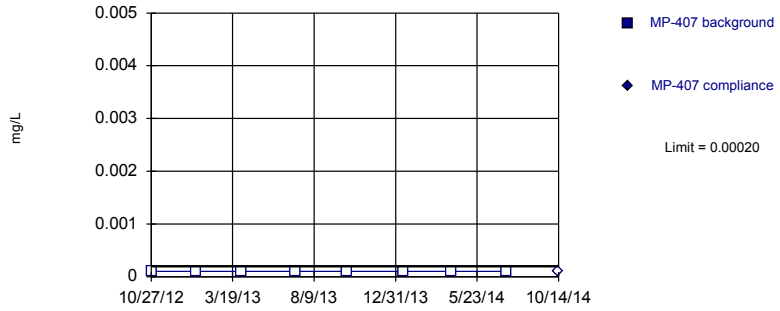

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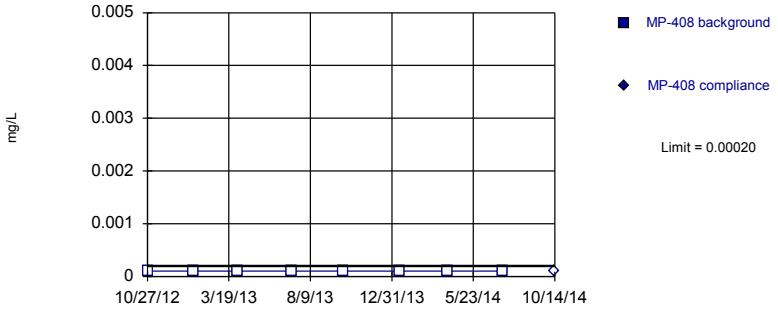

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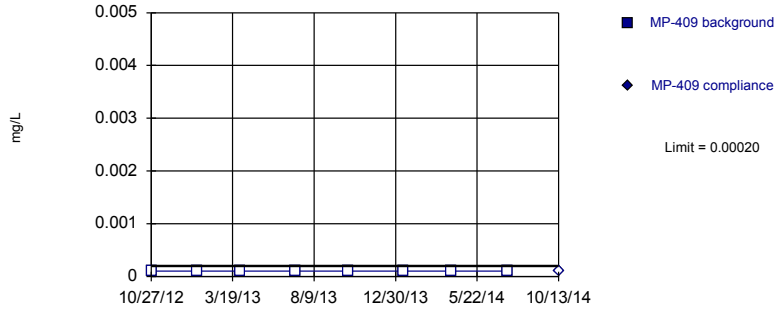

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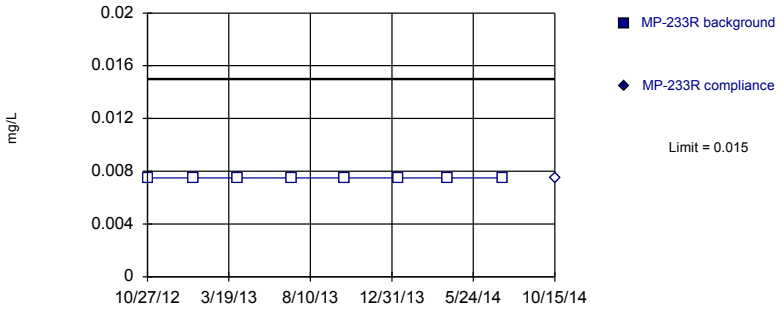

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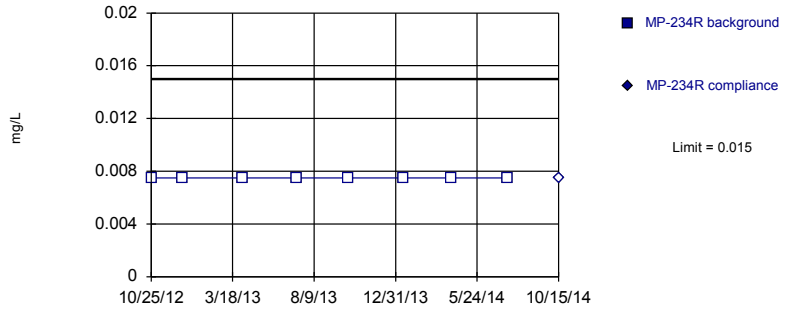

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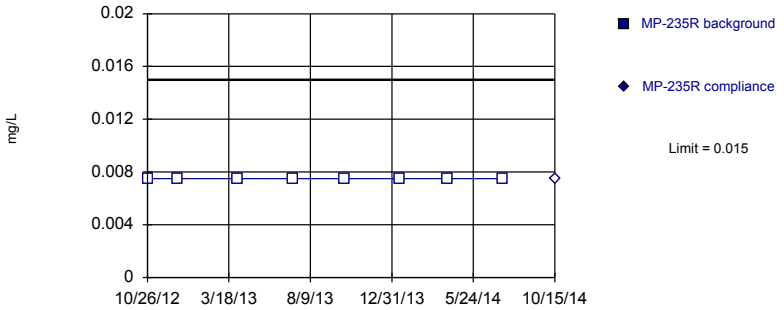

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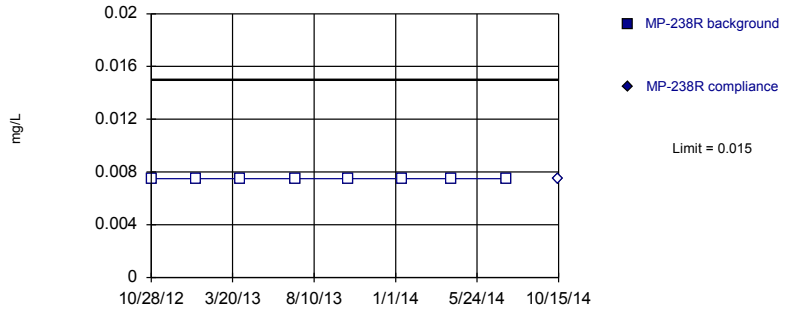

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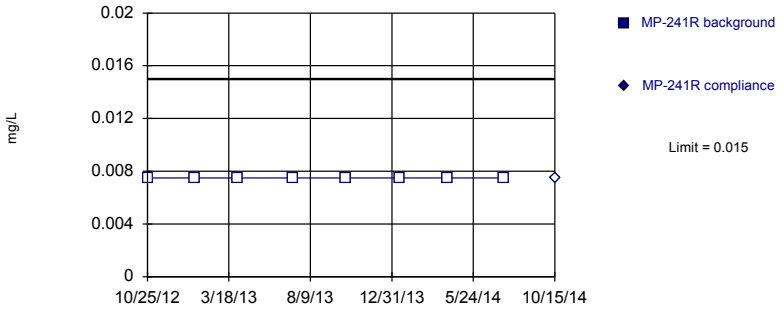

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Within Limit

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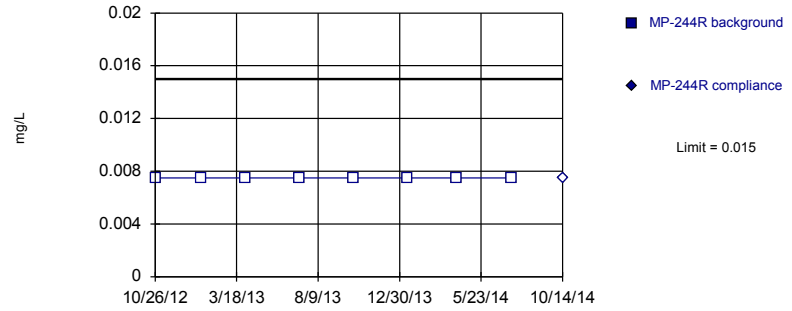

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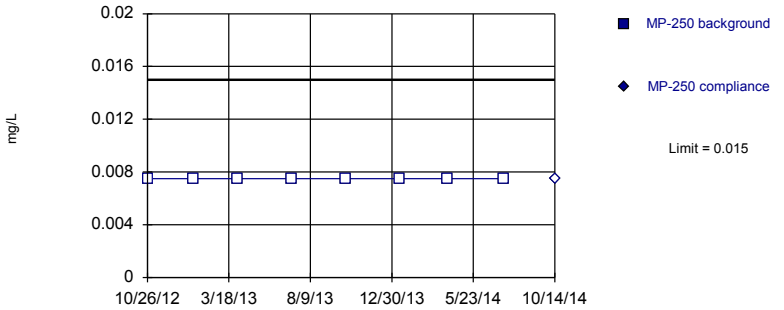

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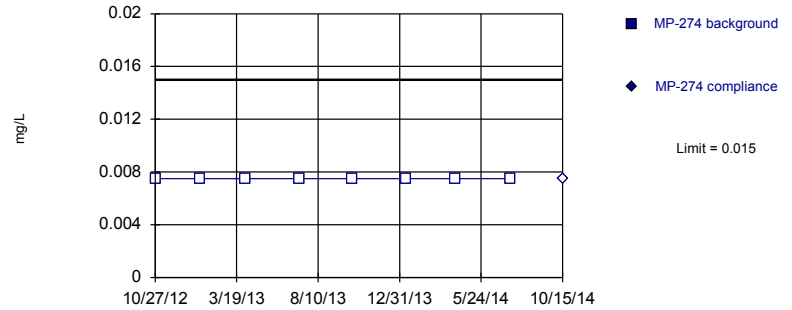

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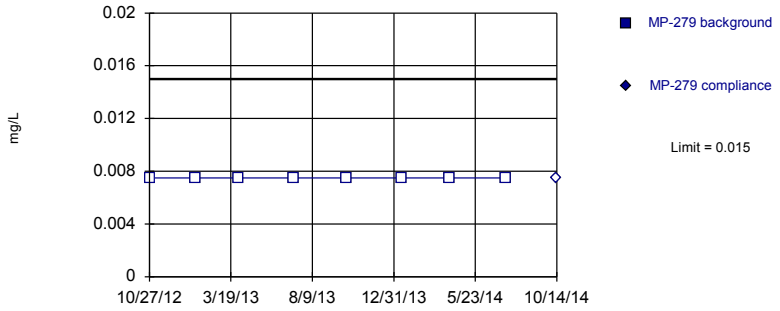

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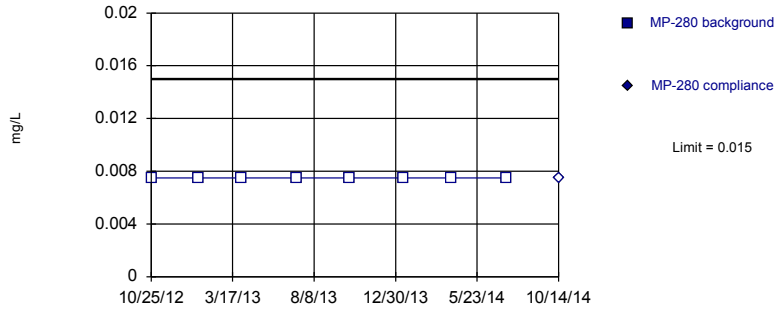

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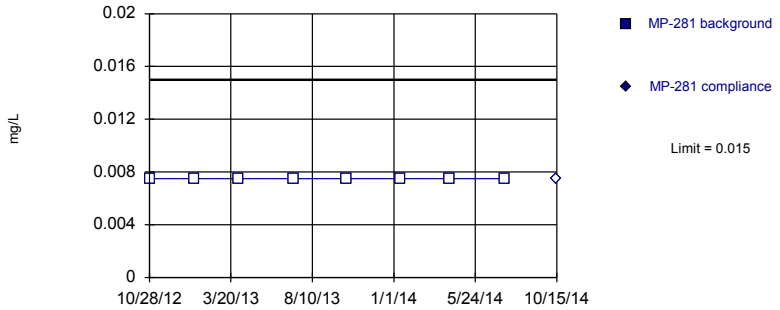

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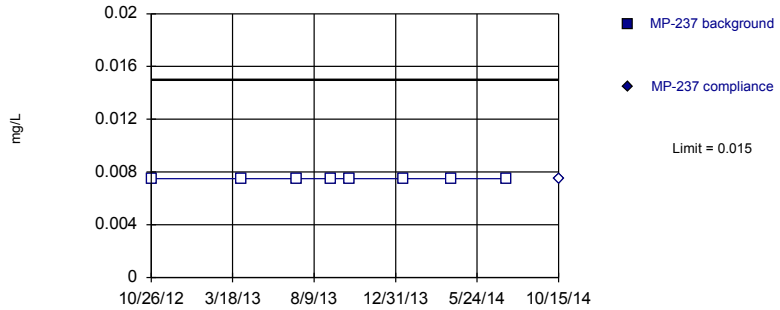

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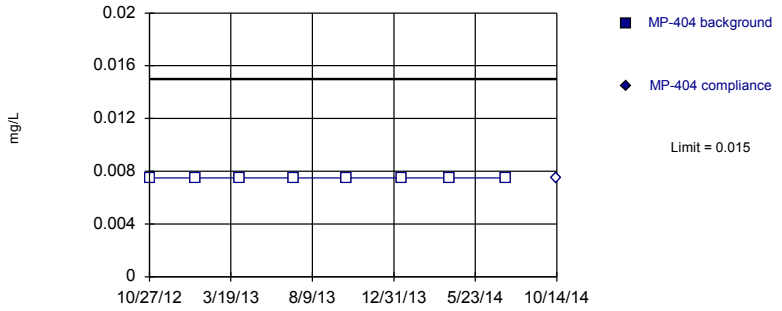

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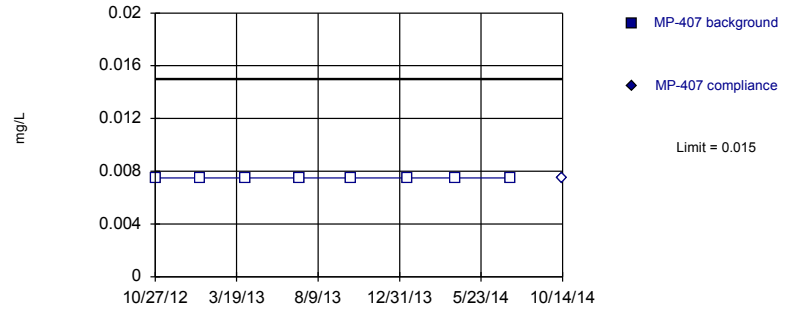

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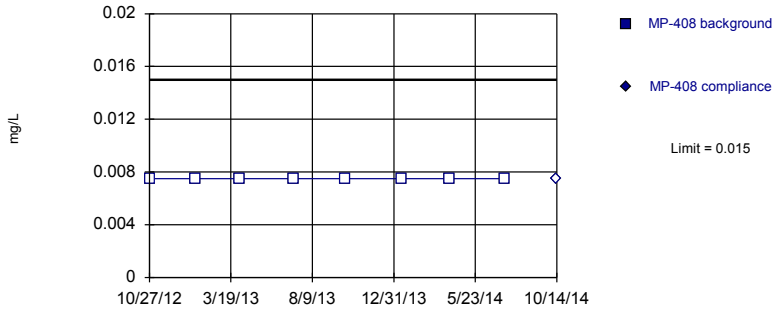

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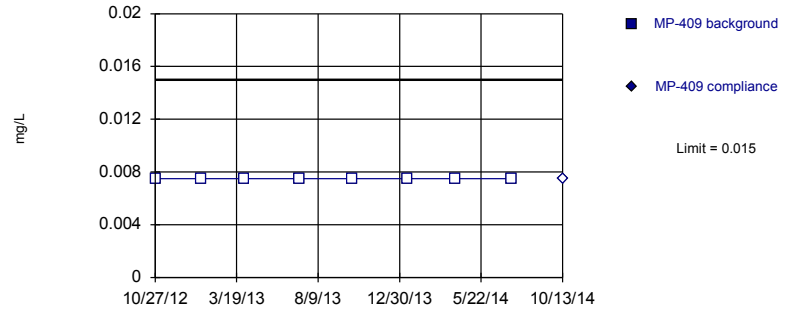

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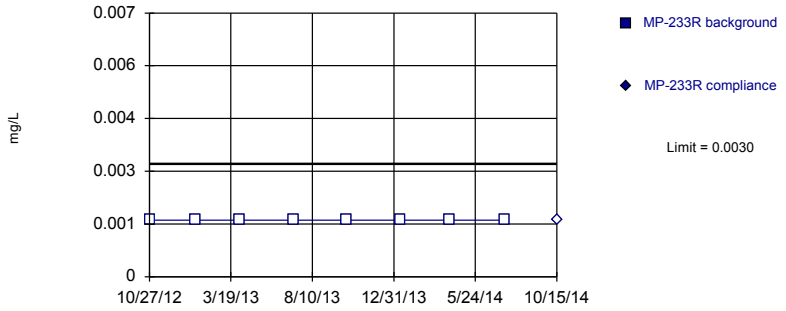

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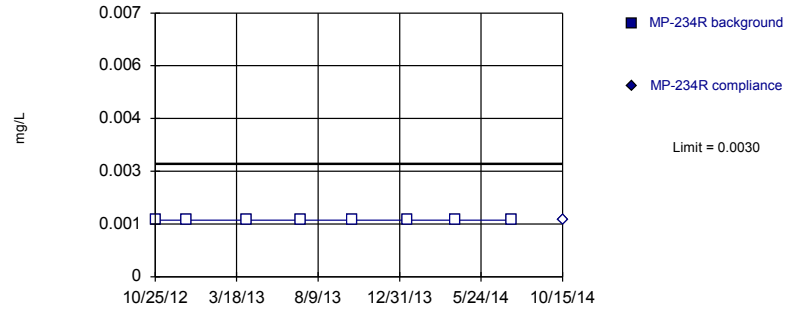

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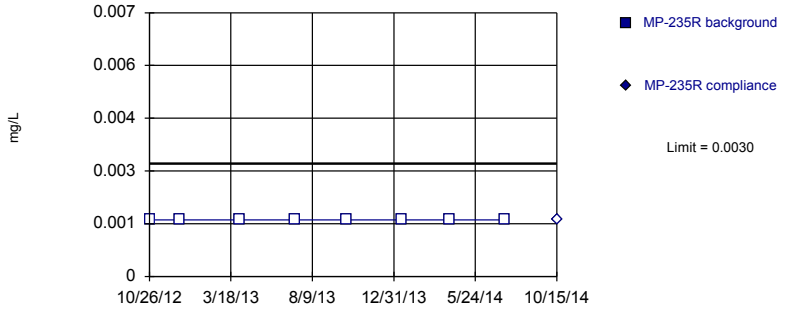

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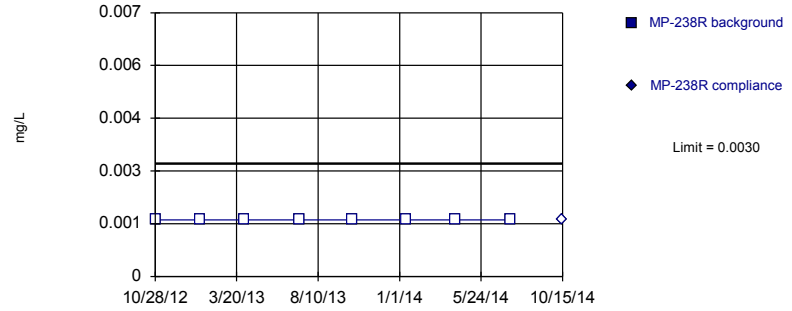

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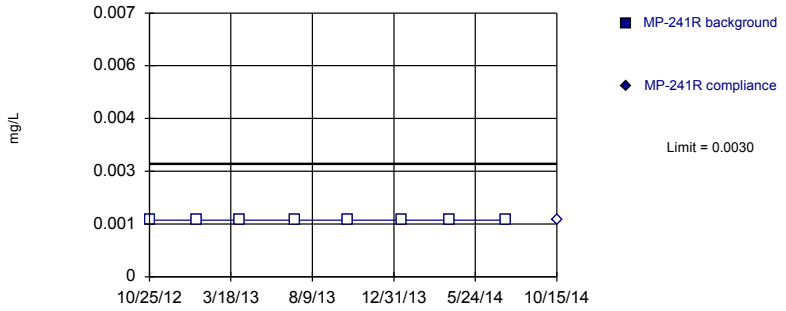

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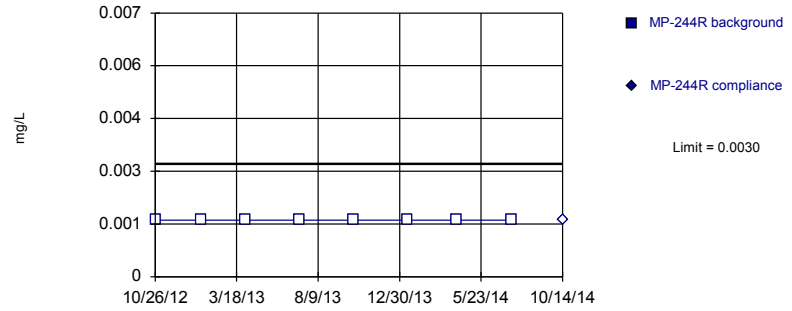

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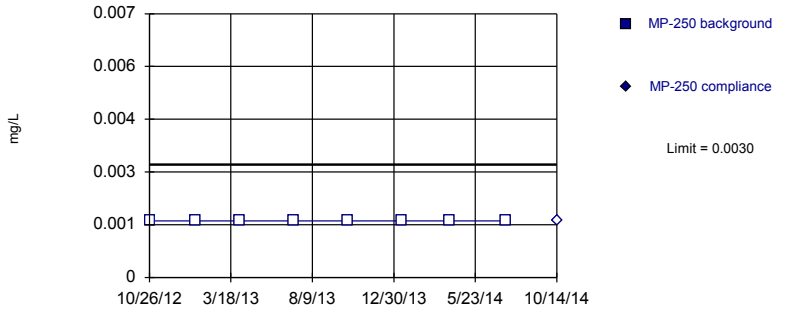

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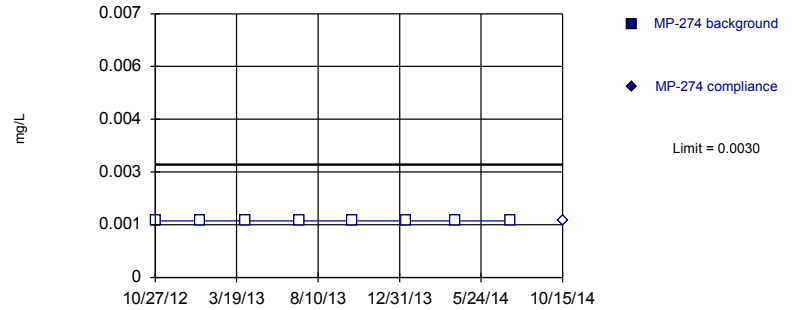

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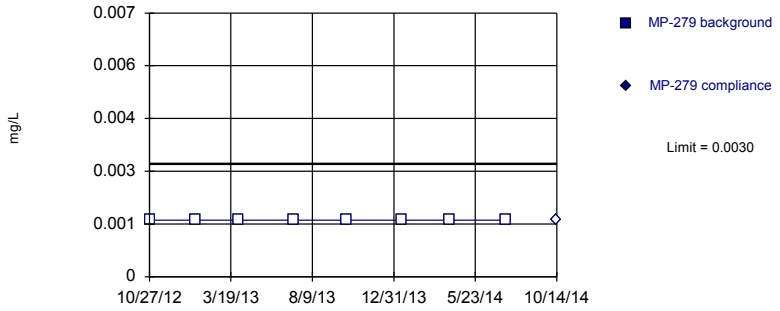

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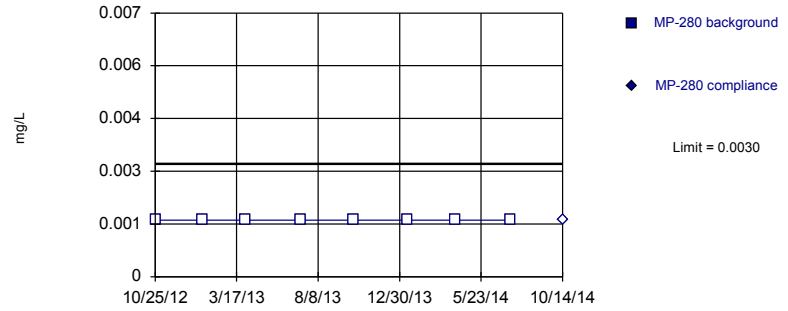

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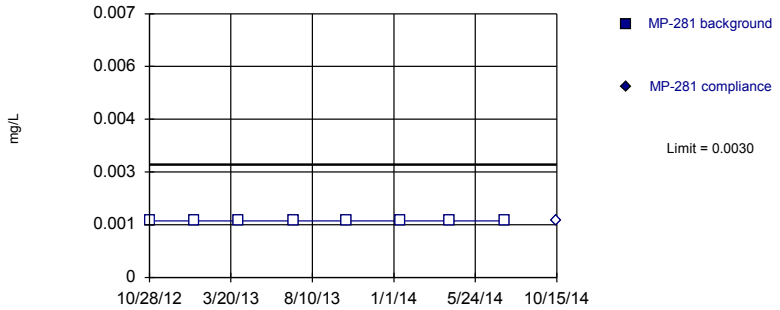

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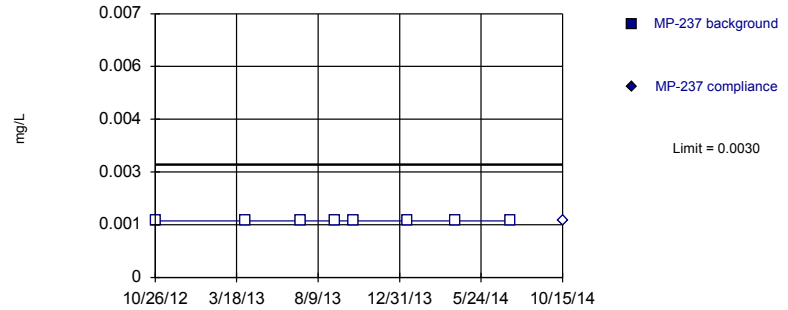

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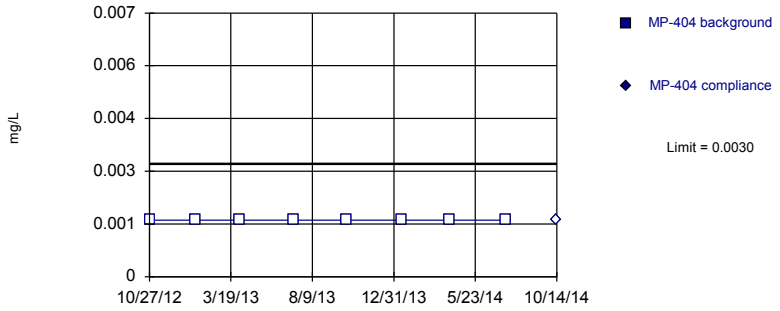

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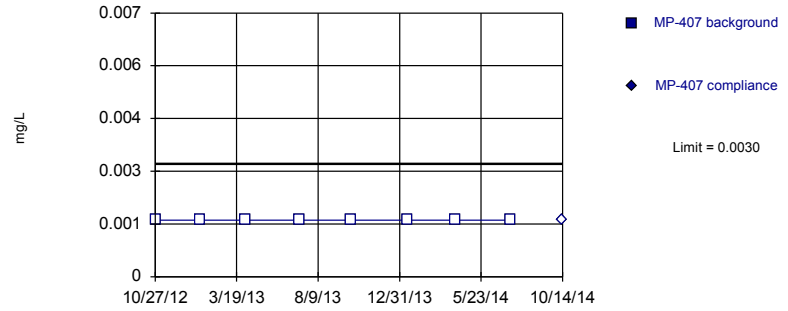

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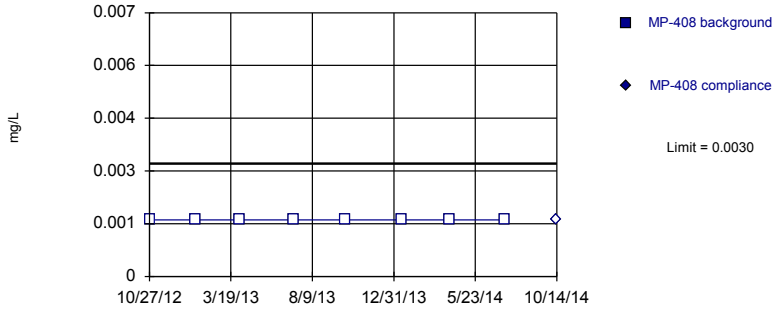

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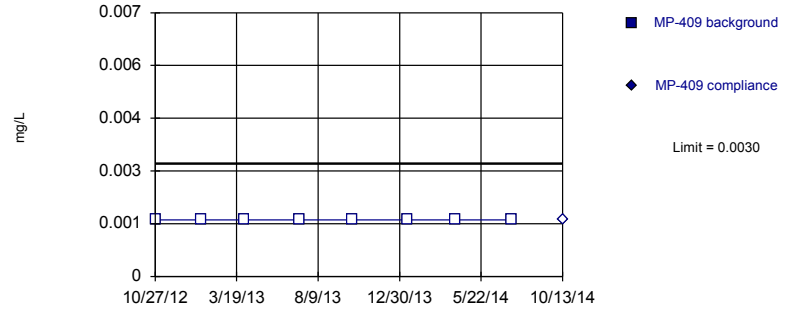

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Prediction Limit

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI Printed 12/18/2014, 9:36 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Method
Arsenic Dissolved (mg/L)	MP-233R	0.013	10/15/2014	0.0062	No	14	0.00675	0.002254	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-234R	0.015	10/15/2014	0.01	No	16	0.0068	0.003067	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-235R	0.0057	10/15/2014	0.0038	No	12	0.003075	0.0009127	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-238R	0.0010	10/15/2014	0.0005ND	No	12	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic Dissolved (mg/L)	MP-241R	0.0034	10/15/2014	0.0024	No	12	0.002	0.0004936	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-244R	0.0076	10/14/2014	0.0027	No	12	0.002825	0.001685	8.333	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-250	0.0047	10/14/2014	0.0017	No	12	0.002	0.0009539	16.67	Kaplan-Meier	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-274	0.0039	10/15/2014	0.0033	No	12	0.002217	0.0006013	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-279	0.045	10/14/2014	0.026	No	26	0.024	0.008734	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-280	0.034	10/14/2014	0.027	No	37	0.02667	0.003118	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-281	0.0041	10/15/2014	0.0032	No	12	0.002342	0.0006037	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-237	0.0023	10/15/2014	0.0017	No	8	0.001188	0.0003091	12.5	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-404	0.0063	10/14/2014	0.0047	No	8	0.003025	0.0009301	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-407	0.0091	10/14/2014	0.0047	No	8	0.004963	0.001186	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-408	0.099	10/14/2014	0.066	No	8	0.055	0.01247	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-409	0.0039	10/13/2014	0.0029	No	8	0.002325	0.0004367	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-233R	0.55	10/15/2014	0.41	No	8	0.4713	0.02232	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-234R	0.051	10/15/2014	0.046	No	8	0.03925	0.003284	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-235R	0.052	10/15/2014	0.037	No	8	0.04338	0.002446	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-238R	0.053	10/15/2014	0.044	No	8	0.04313	0.00285	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-241R	0.057	10/15/2014	0.043	No	8	0.04863	0.002387	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-244R	0.027	10/14/2014	0.022	No	8	0.02263	0.001188	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-250	0.063	10/14/2014	0.045	No	8	0.04925	0.003882	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-274	0.5	10/15/2014	0.4	No	8	0.395	0.02976	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-279	1.1	10/14/2014	0.94	No	8	0.945	0.04036	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-280	0.37	10/14/2014	0.32	No	8	0.3375	0.008864	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-281	0.31	10/15/2014	0.26	No	8	0.275	0.009258	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-237	0.033	10/15/2014	0.027	No	8	0.02863	0.001302	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-404	0.44	10/14/2014	0.32	No	8	0.37	0.0207	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-407	0.81	10/14/2014	0.68	No	8	0.7113	0.02748	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-408	0.81	10/14/2014	0.63	No	8	0.6475	0.04528	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-409	0.12	10/13/2014	0.11	No	8	n/a	n/a	0	n/a	n/a	NP Intra (normality) 1 of 2
Cadmium Dissolved (mg/L)	MP-233R	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-234R	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-235R	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-238R	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-241R	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-244R	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-250	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-274	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-279	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-280	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-281	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-237	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-404	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-407	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-408	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-409	0.0010	10/13/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-233R	0.0096	10/15/2014	0.0025ND	No	37	n/a	n/a	94.59	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-234R	0.0057	10/15/2014	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	NP Intra (NDs) 1 of 2

Prediction Limit

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI Printed 12/18/2014, 9:36 AM

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	10/15/2014	0.0025ND	No	38	n/a	n/a	94.74	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-238R	0.0050	10/15/2014	0.0025ND	No	37	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-241R	0.0050	10/15/2014	0.0025ND	No	37	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-244R	0.0071	10/14/2014	0.0025ND	No	37	n/a	n/a	97.3	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-250	0.0050	10/14/2014	0.0025ND	No	36	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-274	0.0078	10/15/2014	0.0025ND	No	38	n/a	n/a	94.74	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-279	0.0050	10/14/2014	0.0025ND	No	35	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-280	0.0084	10/14/2014	0.0025ND	No	38	n/a	n/a	94.74	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-281	0.0071	10/15/2014	0.0025ND	No	38	n/a	n/a	94.74	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-237	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-404	0.0050	10/14/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-407	0.0050	10/14/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-408	0.0050	10/14/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-409	0.0050	10/13/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-233R	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-234R	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-235R	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-238R	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-241R	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-244R	0.0050	10/14/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-250	0.0050	10/14/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-274	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-279	0.0050	10/14/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-280	0.0050	10/14/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-281	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-237	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-404	0.0050	10/14/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-407	0.0050	10/14/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-408	0.0050	10/14/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-409	0.0050	10/13/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-233R	0.00020	10/15/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-234R	0.00020	10/15/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-235R	0.00020	10/15/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-238R	0.00020	10/15/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-241R	0.00020	10/15/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-244R	0.00020	10/14/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-250	0.00020	10/14/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-274	0.00020	10/15/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-279	0.00020	10/14/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-280	0.00020	10/14/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-281	0.00020	10/15/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-237	0.00020	10/15/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-404	0.00020	10/14/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-407	0.00020	10/14/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-408	0.00020	10/14/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-409	0.00020	10/13/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-233R	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-234R	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-235R	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-238R	0.015	10/15/2014	0.0075ND	No	8	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 12/18/2014, 9:36 AM

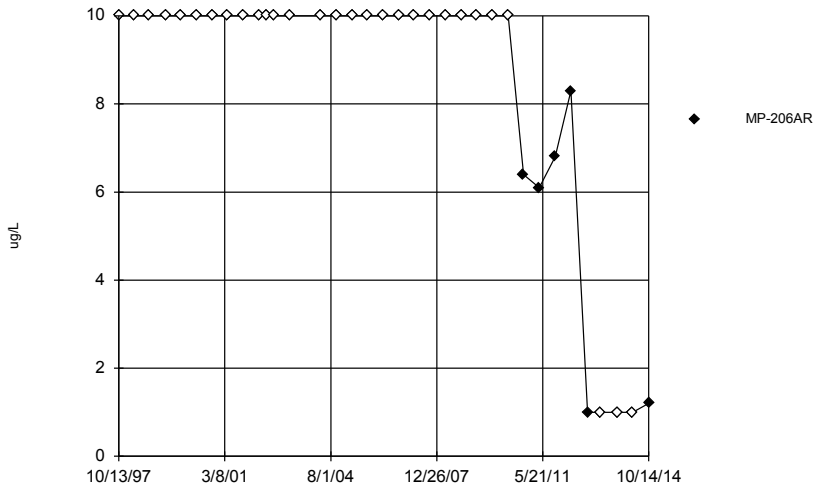
Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Method
Selenium Dissolved (mg/L)	MP-241R	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-244R	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-250	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-274	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-279	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-280	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-281	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-237	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-404	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-407	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-408	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-409	0.015	10/13/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-233R	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-234R	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-235R	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-238R	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-241R	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-244R	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-250	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-274	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-279	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-280	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-281	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-237	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-404	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-407	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-408	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-409	0.0030	10/13/2014	0.0015ND	No	8	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.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Arsenic Dissolved Analysis Run 12/18/2014 11:14 AM View: As Ba Cd Cr Pb Hg Se Ag Time
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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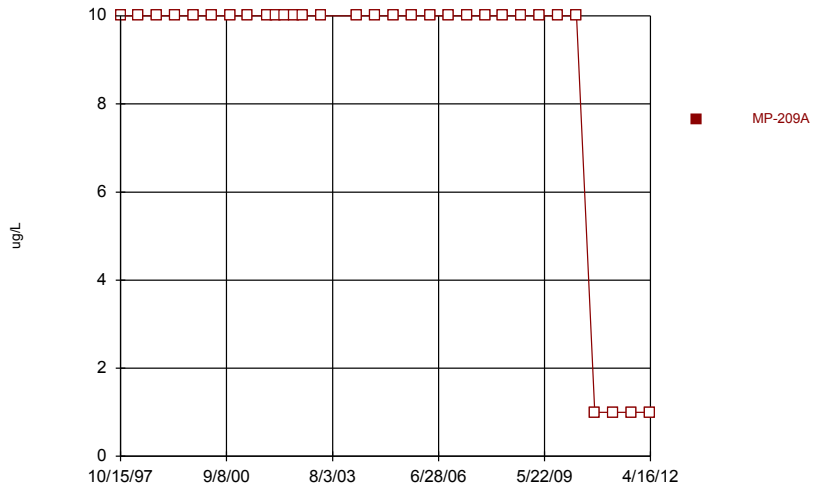

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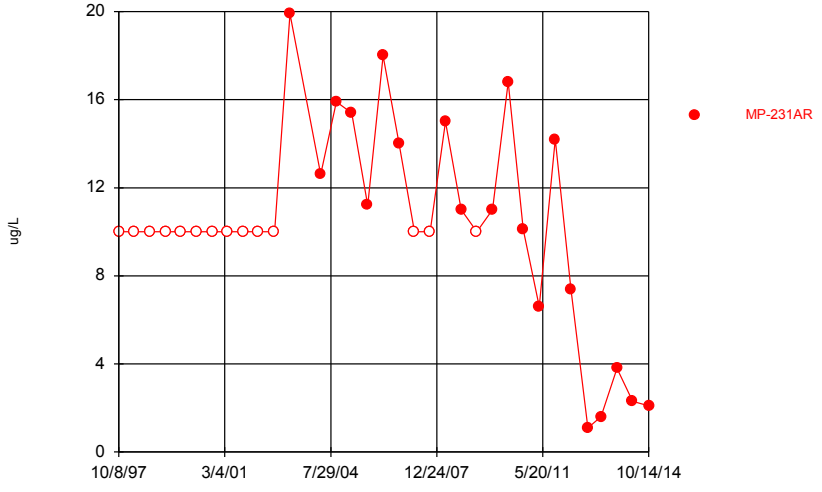

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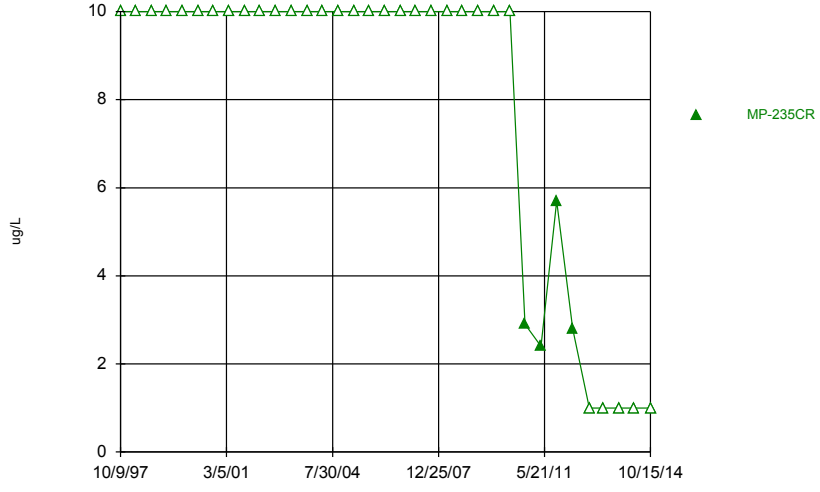

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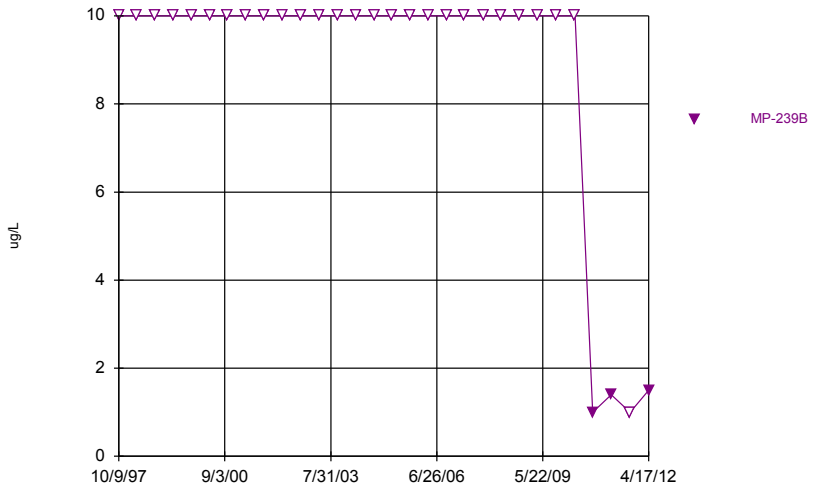

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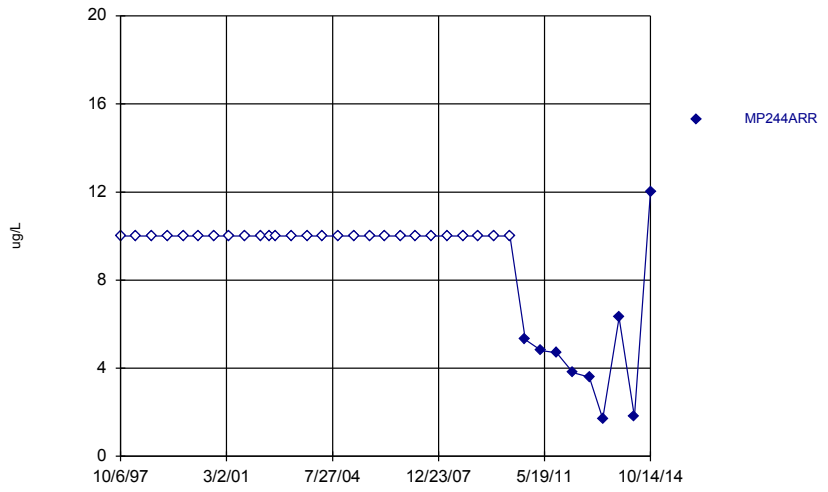

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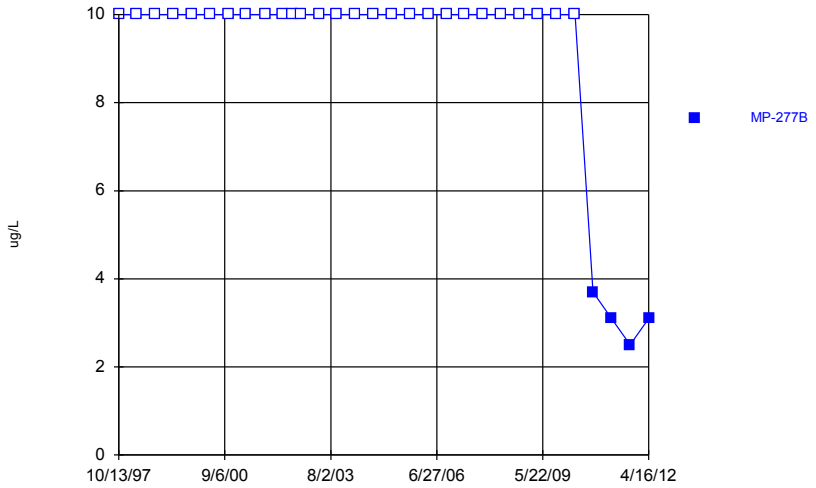

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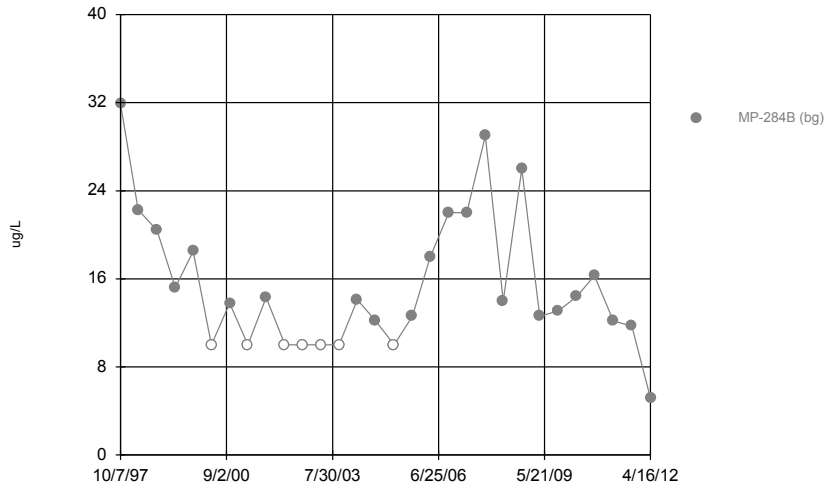

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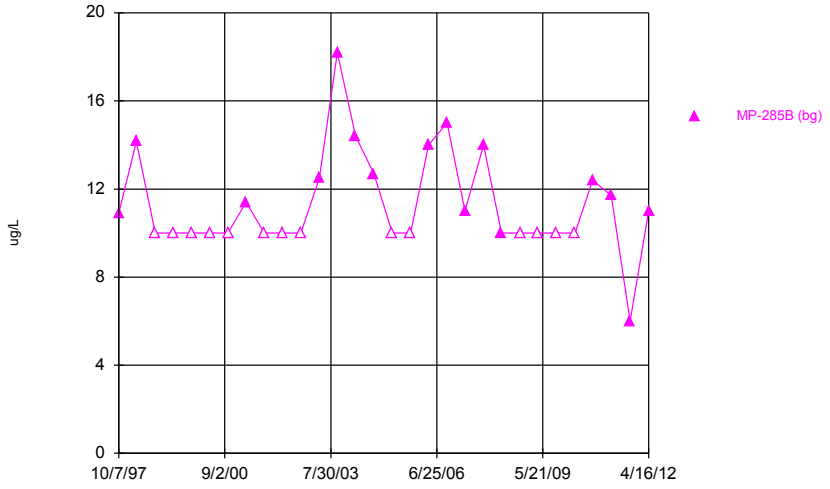

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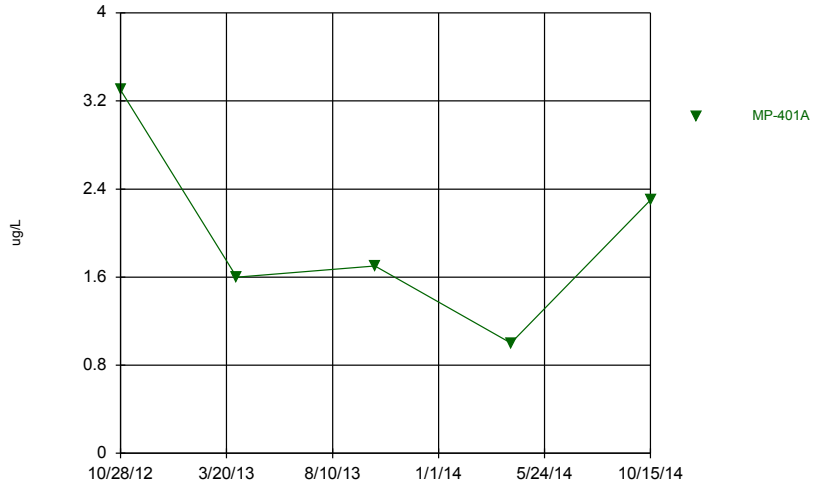

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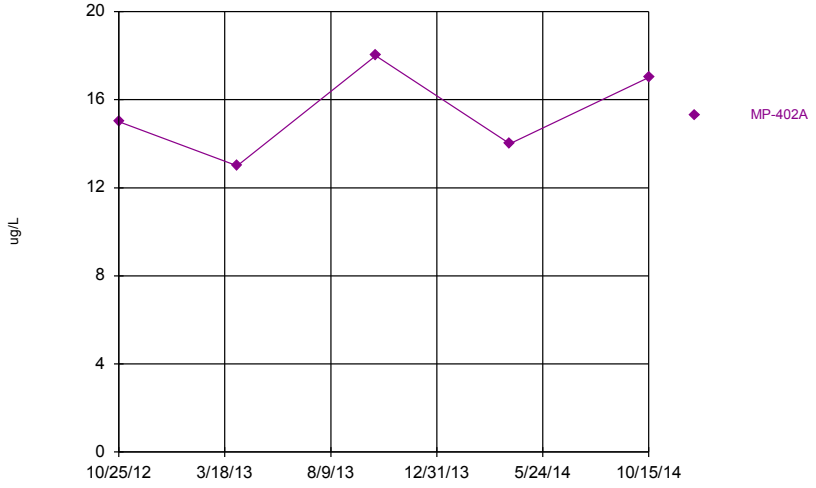

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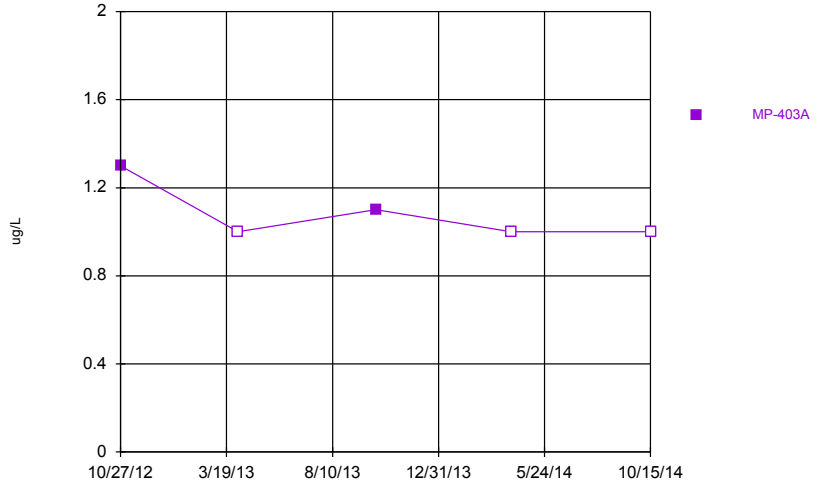

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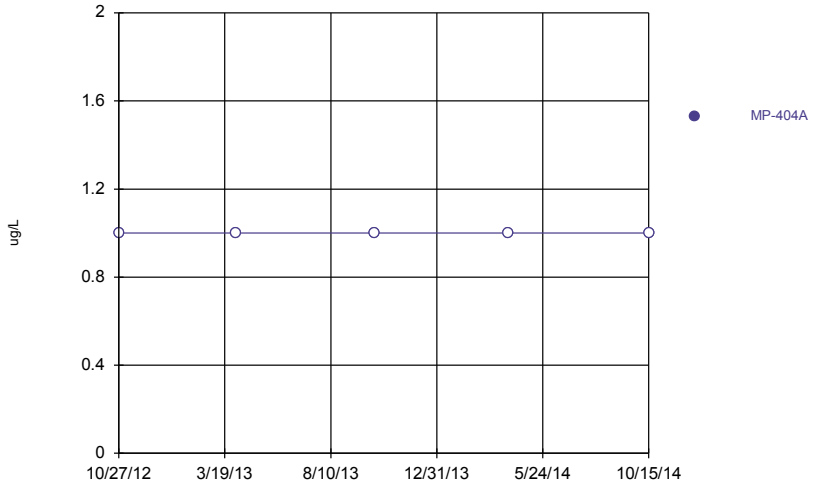

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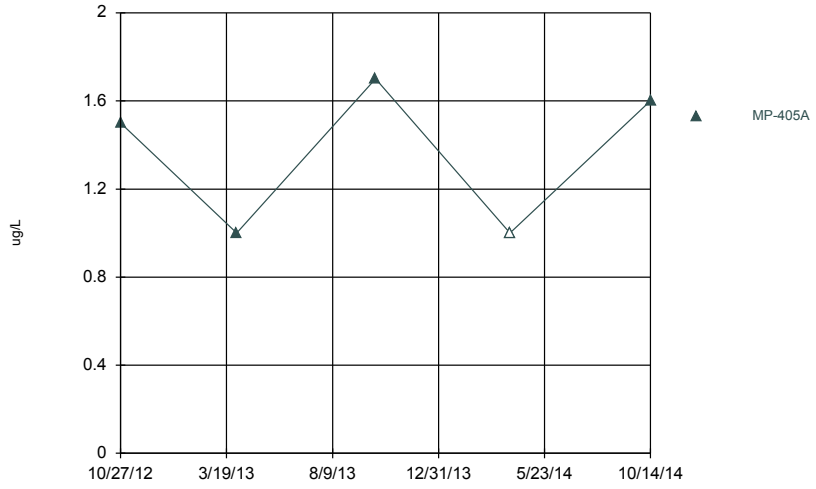

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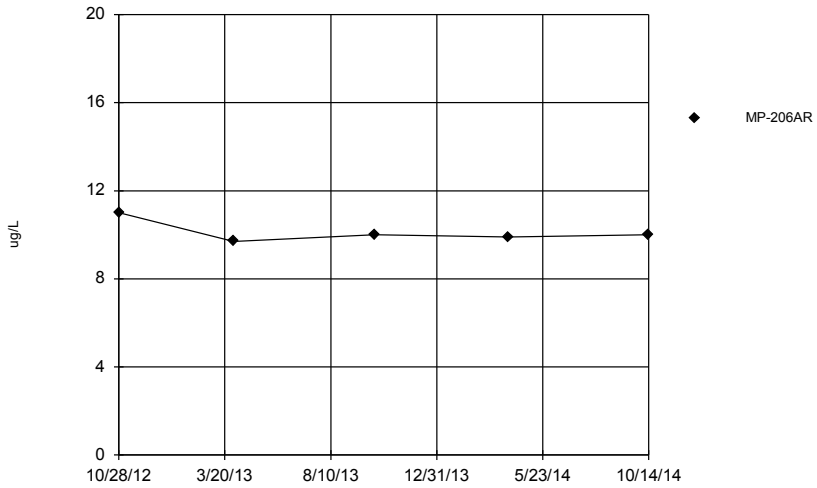

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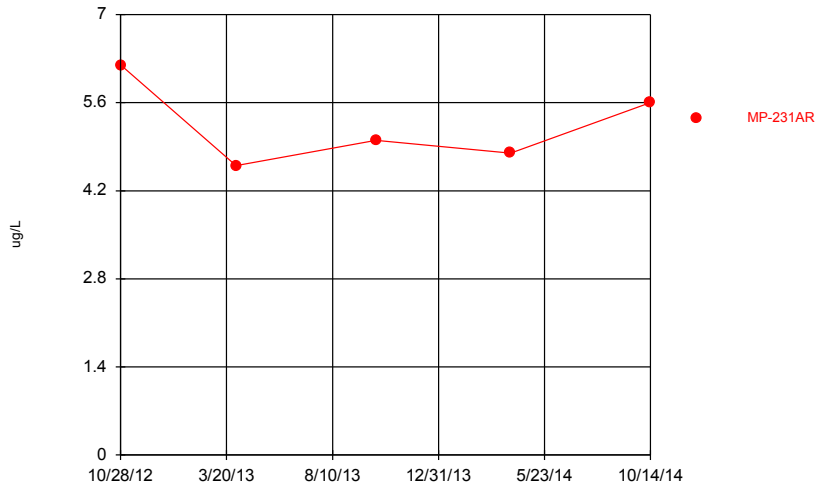

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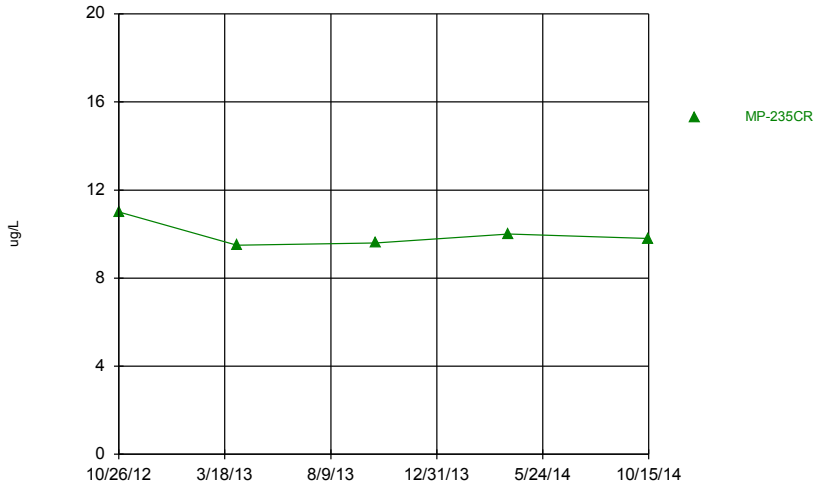

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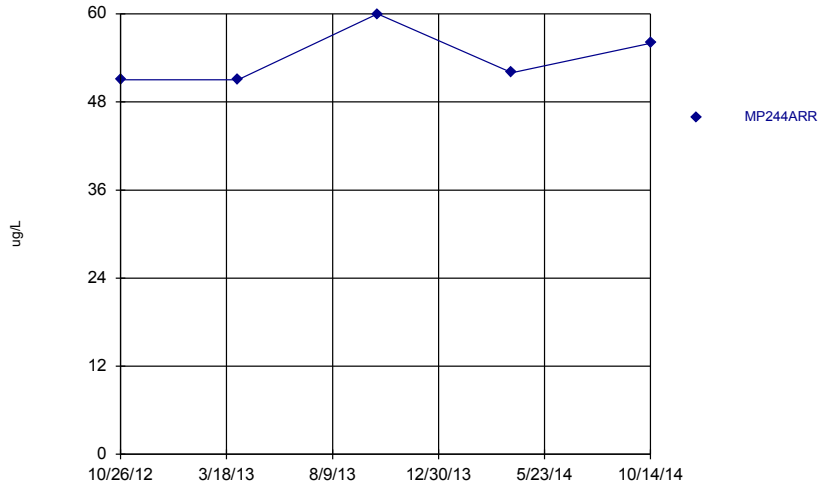

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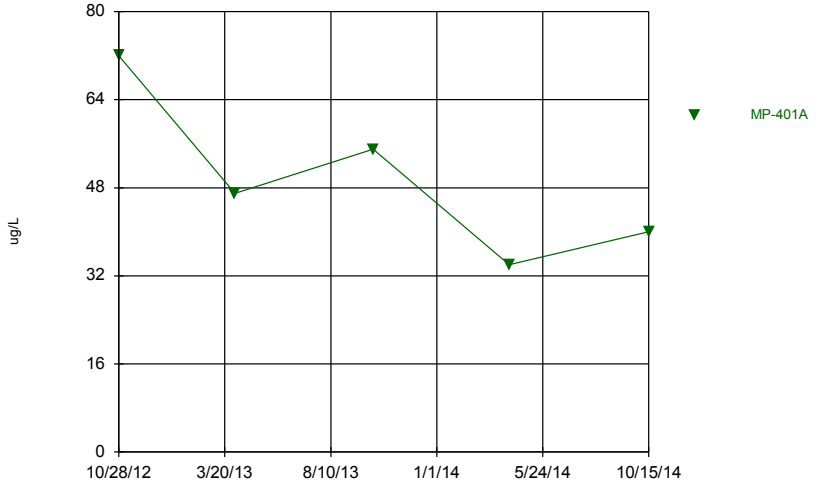

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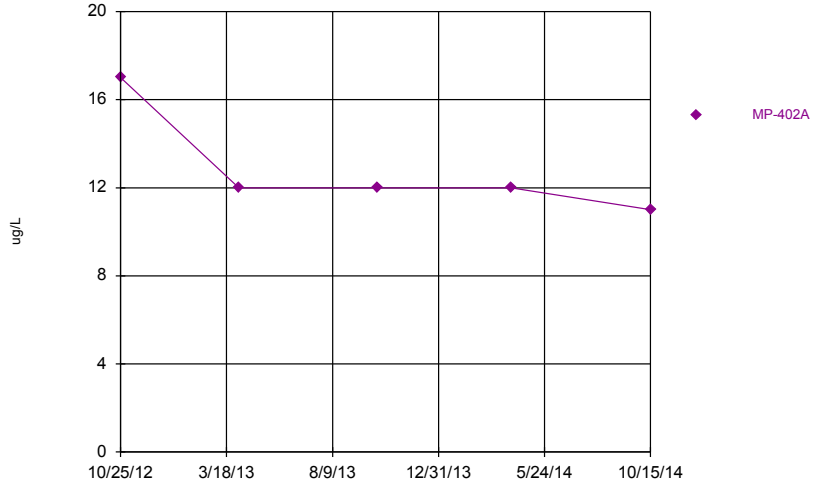

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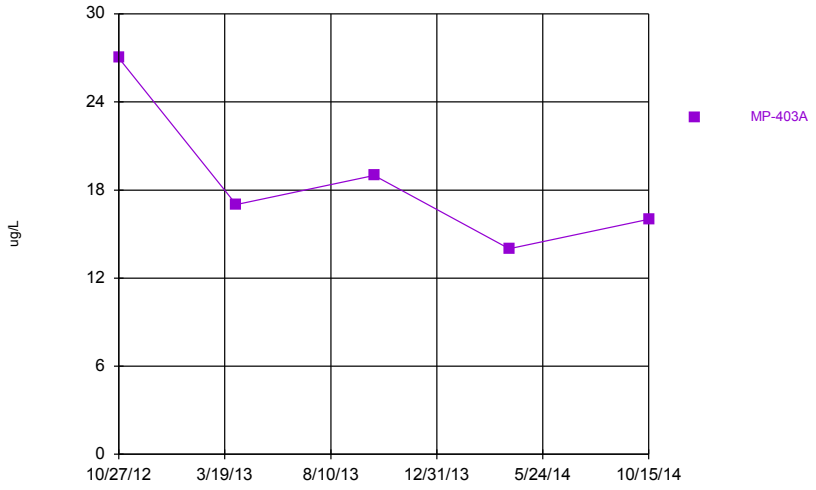

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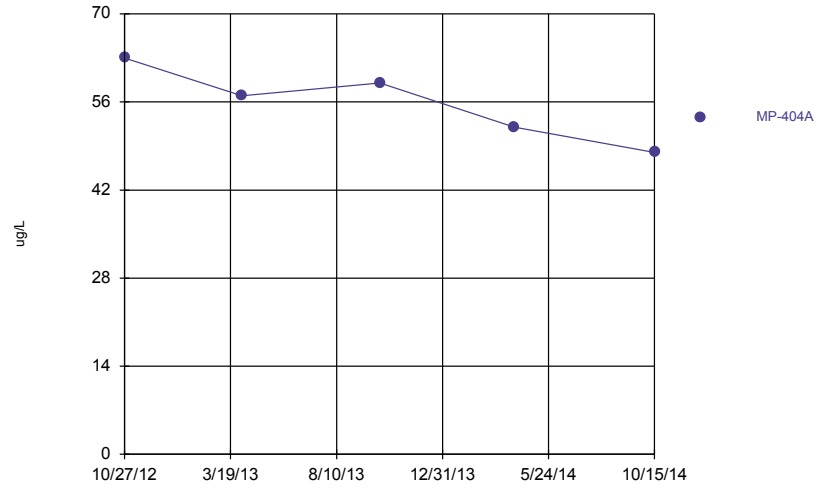

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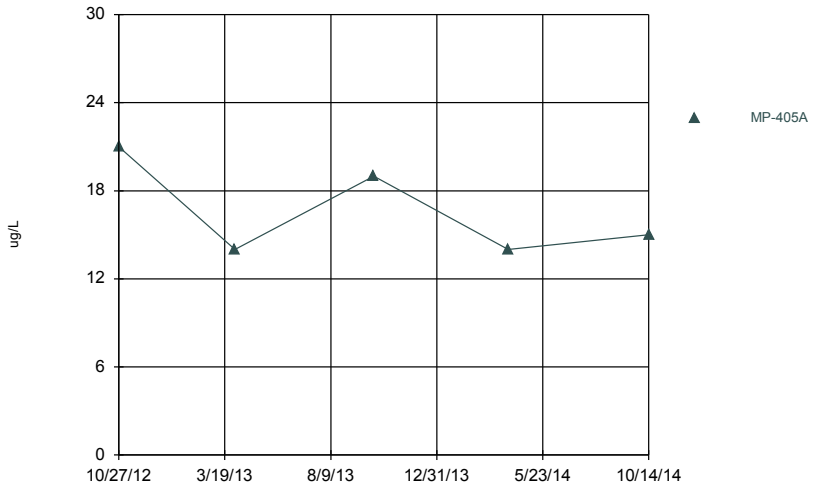

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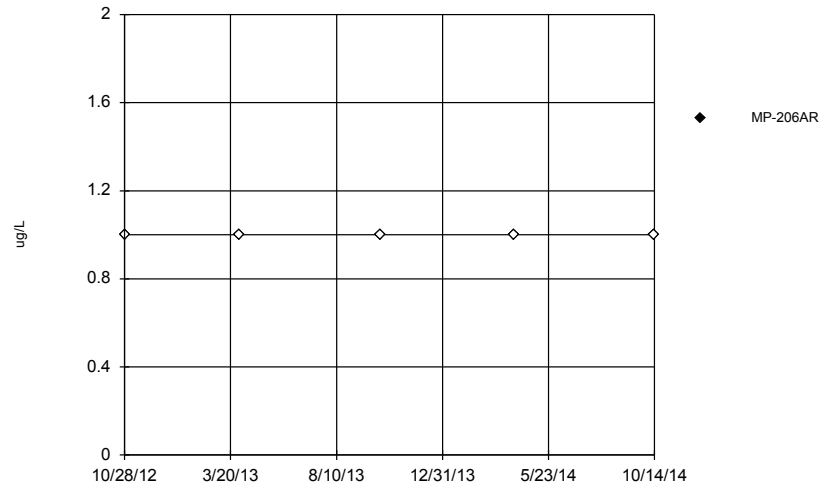

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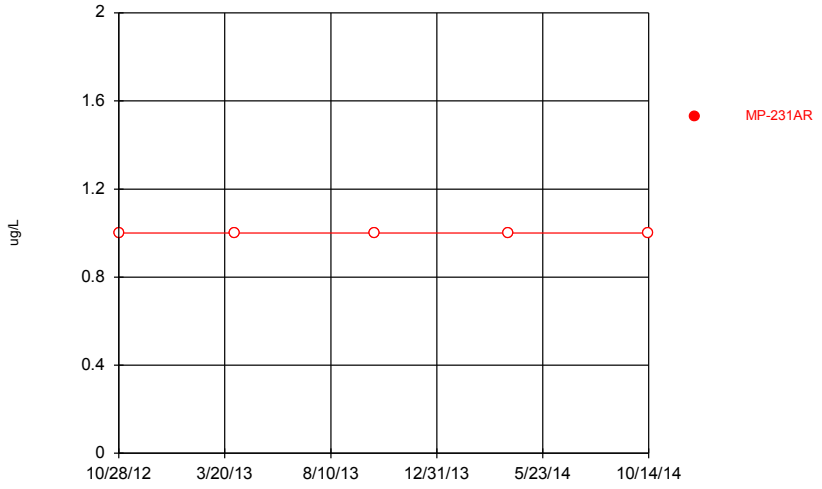

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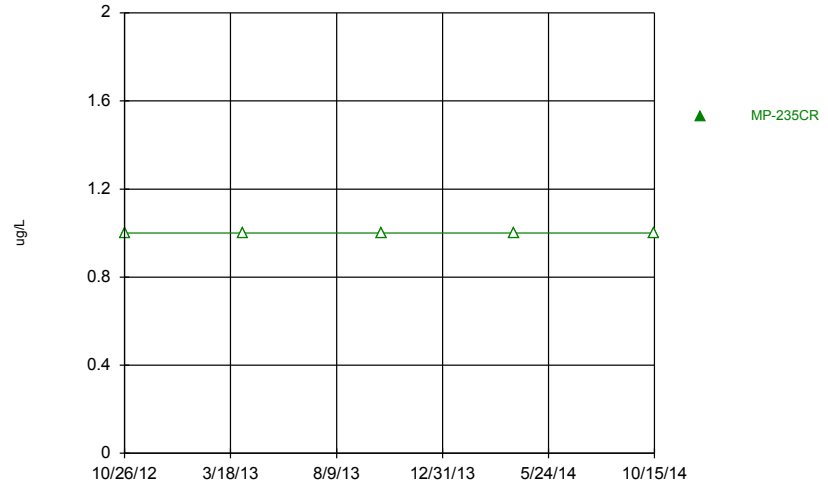

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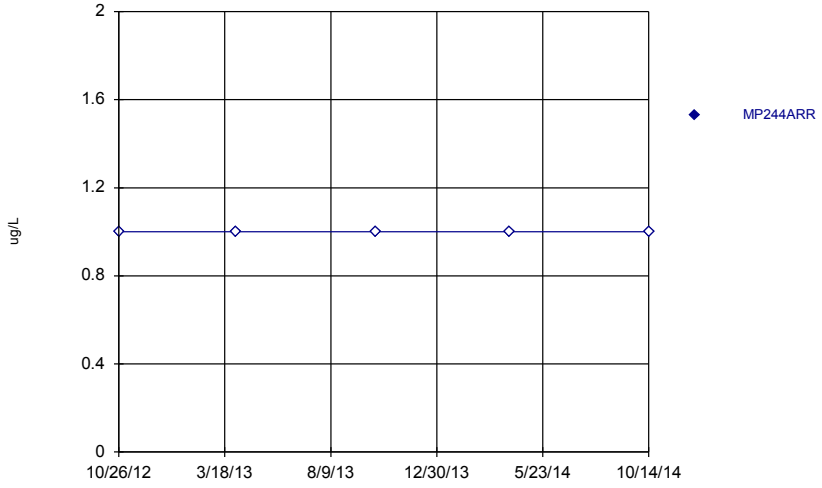

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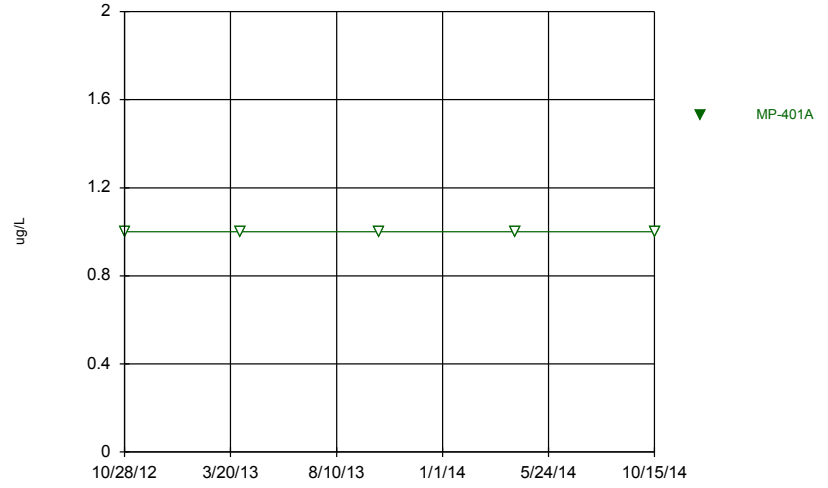

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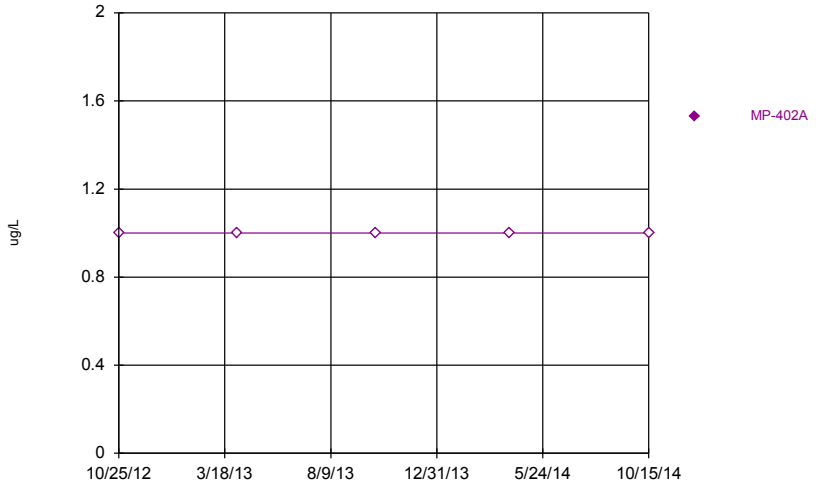

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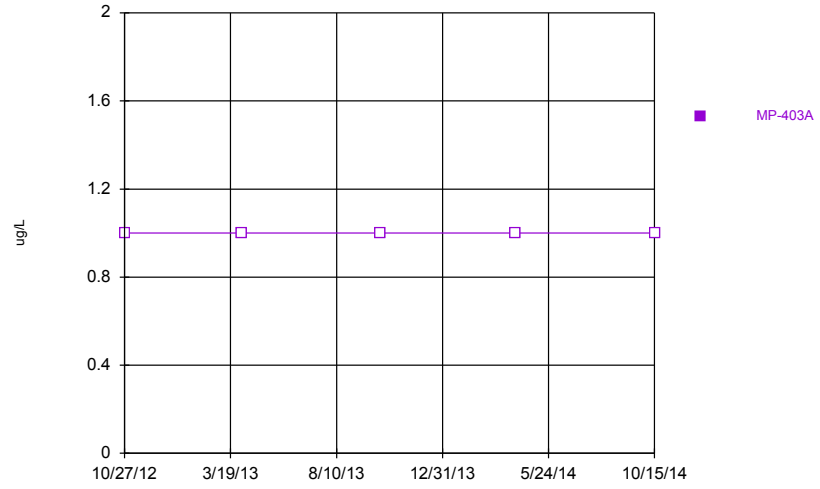

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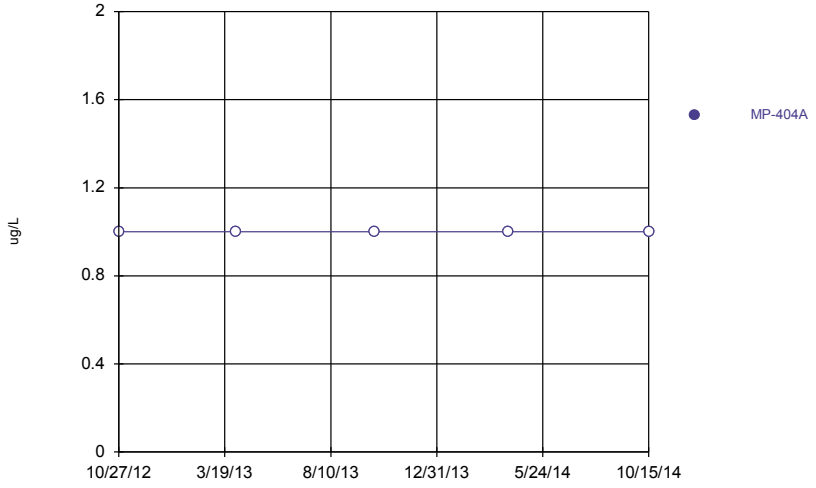

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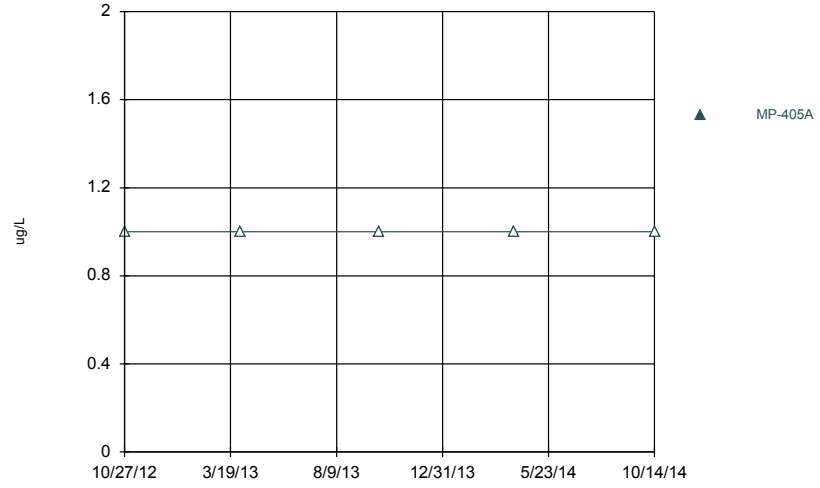

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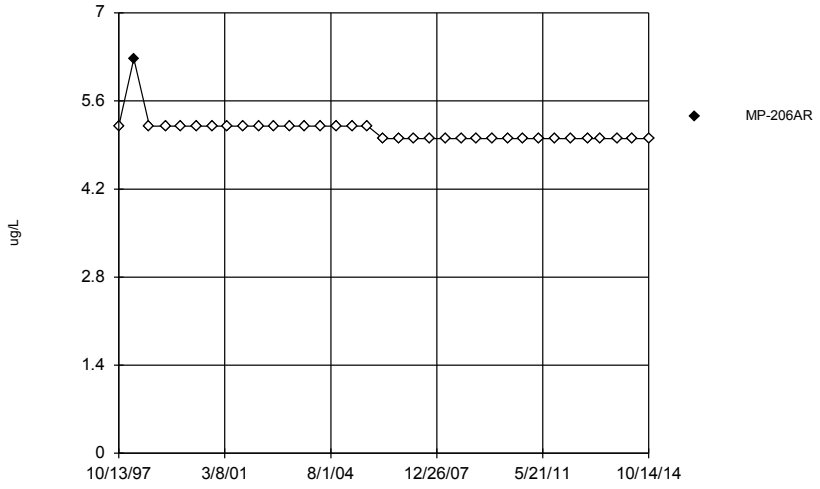

Constituent: Chromium Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Ti
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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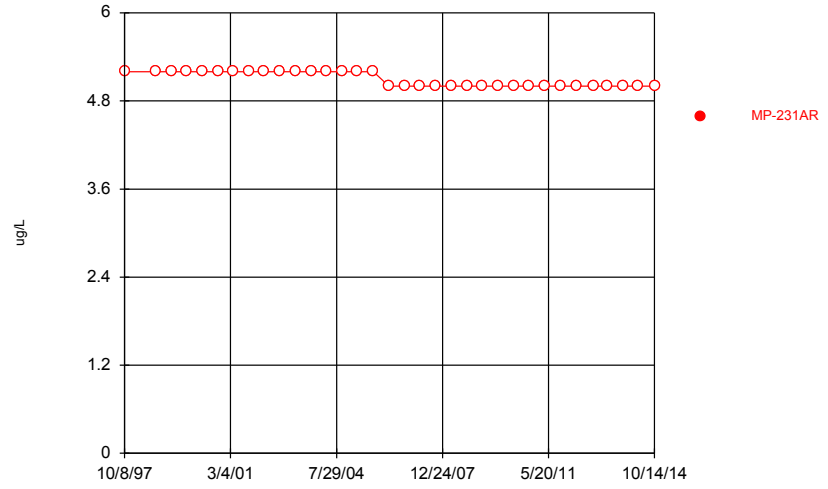
Time Series



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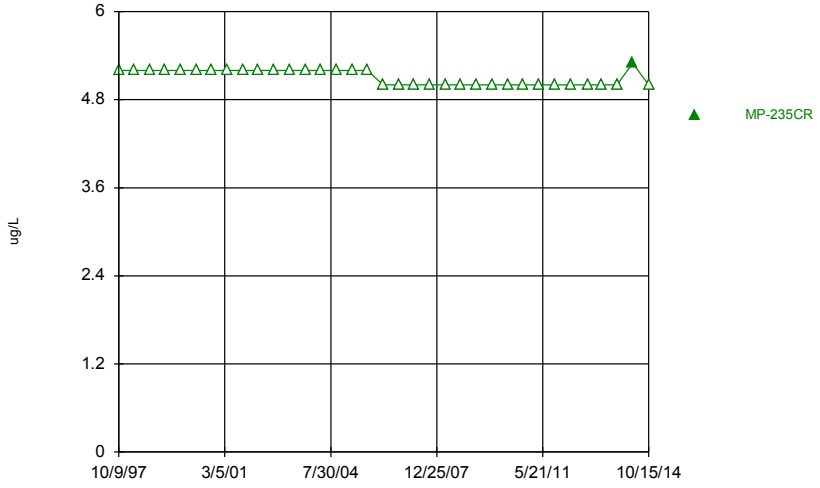
Time Series



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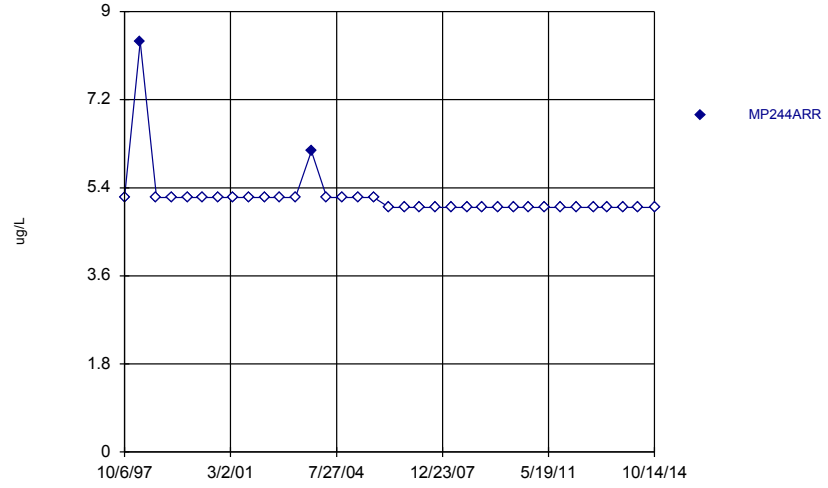

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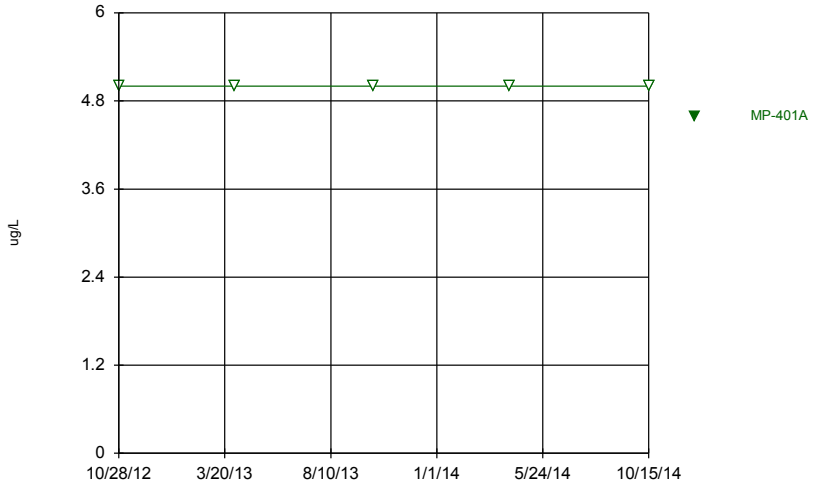

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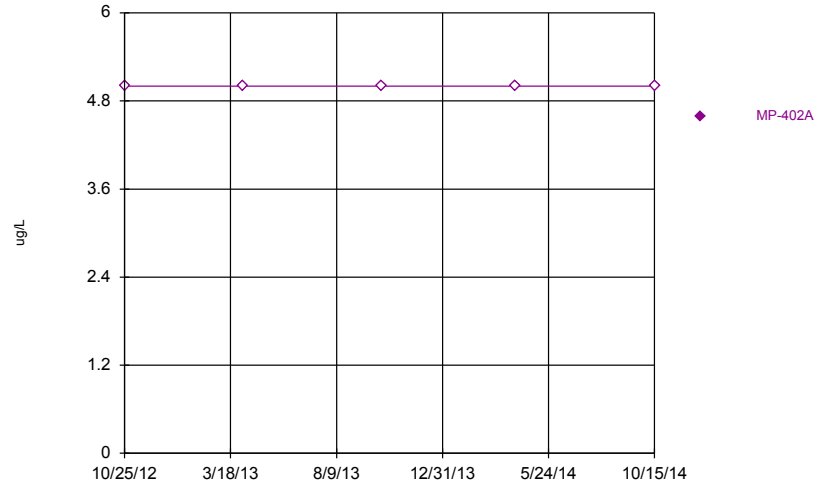
Time Series



Constituent: Chromium Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Ti
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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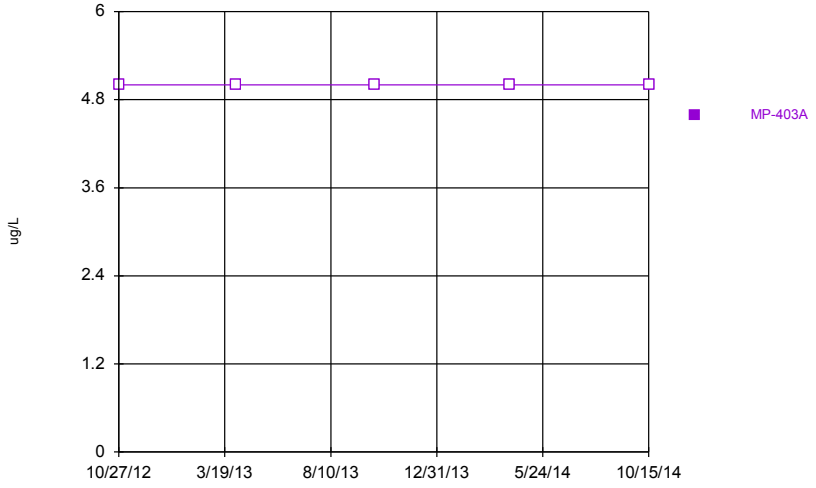
Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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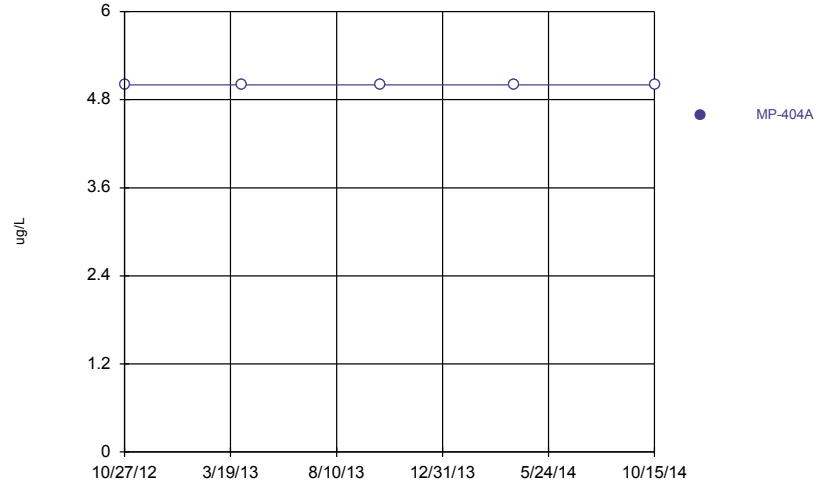

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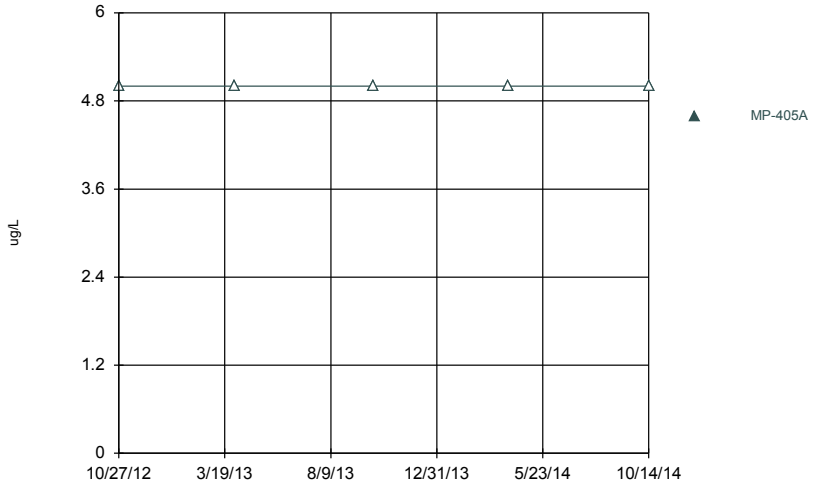

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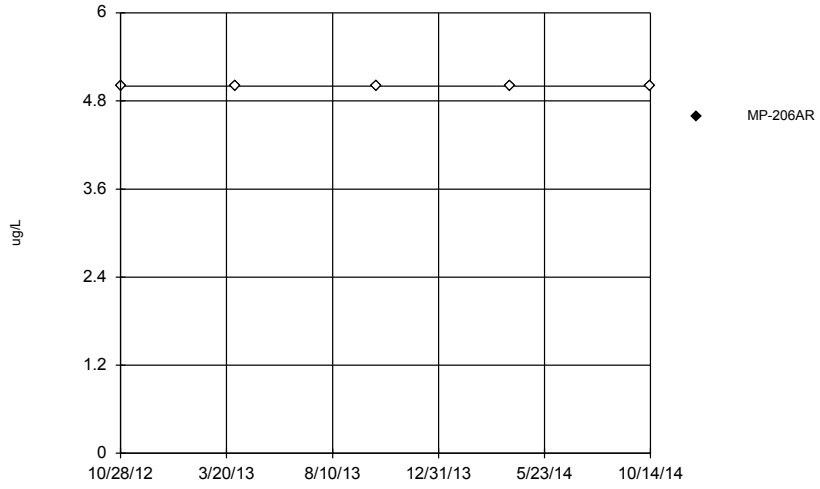
Time Series



Constituent: Lead Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time Se
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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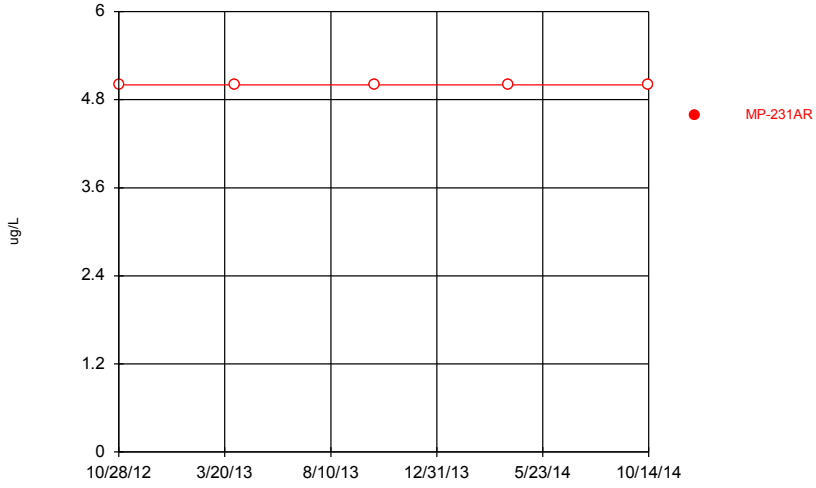
Time Series



Constituent: Lead Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time Se
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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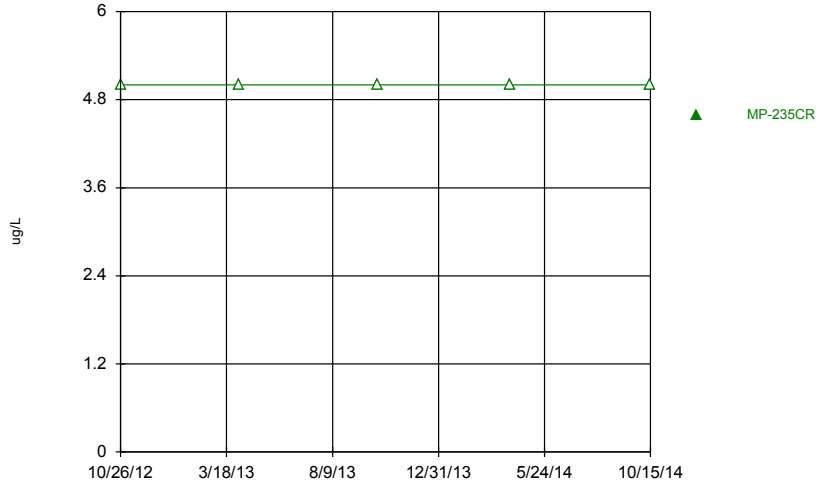

Constituent: Lead Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time Se
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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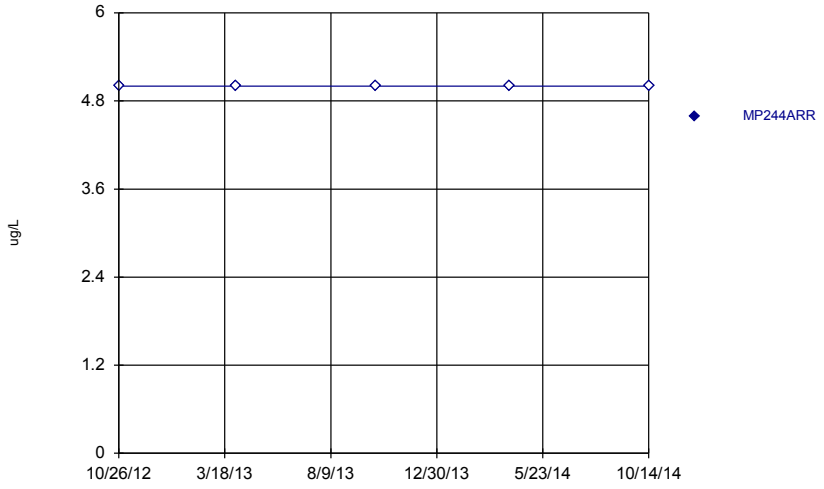

Constituent: Lead Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time Se
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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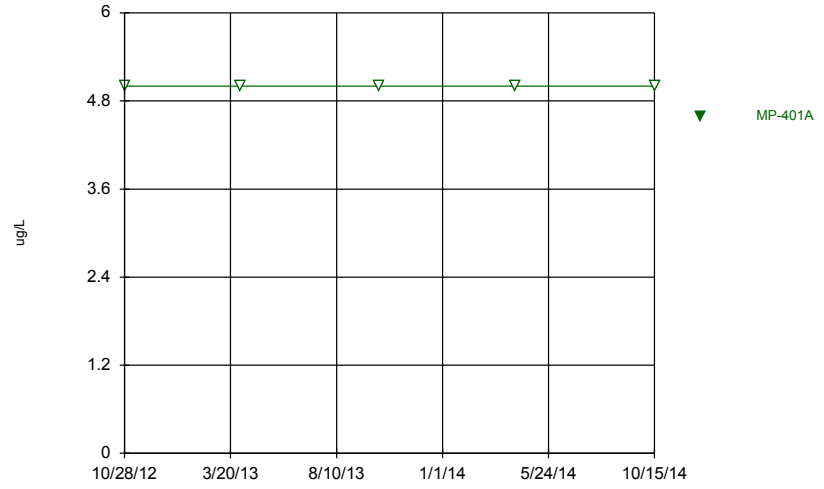

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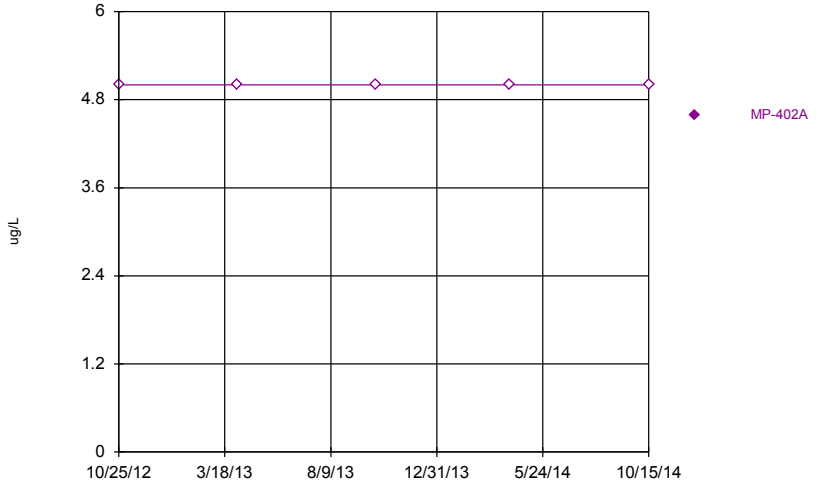

Constituent: Lead Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time Se
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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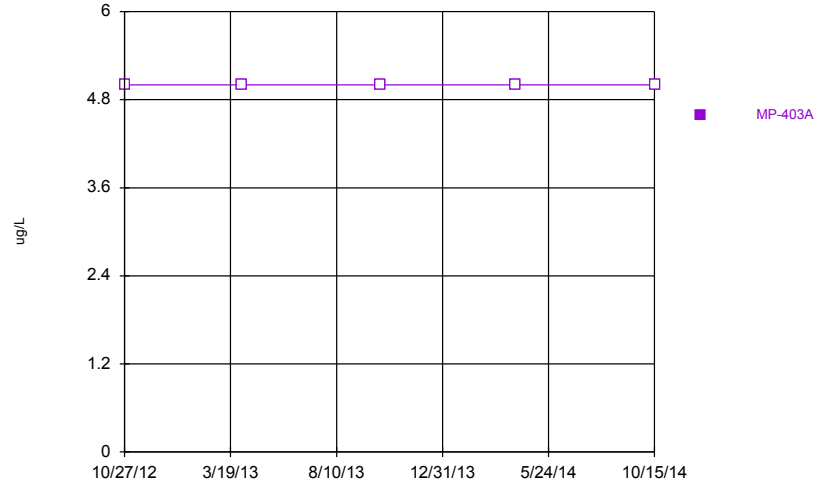

Constituent: Lead Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time Se
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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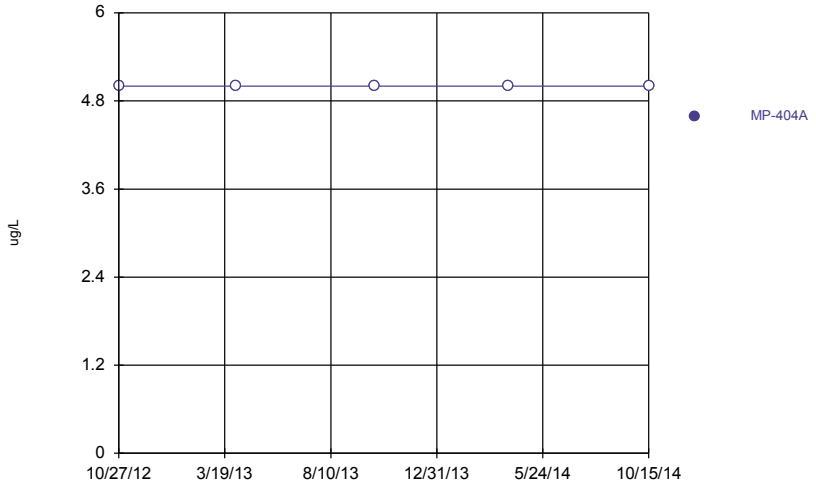

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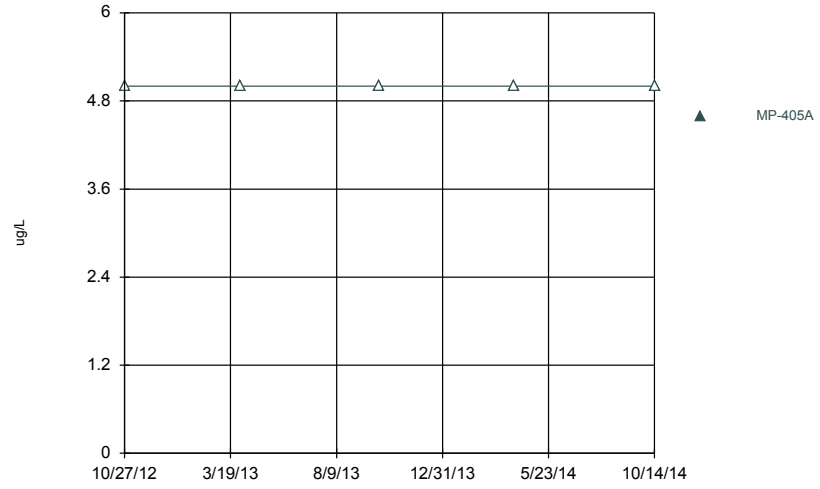

Constituent: Lead Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time Se
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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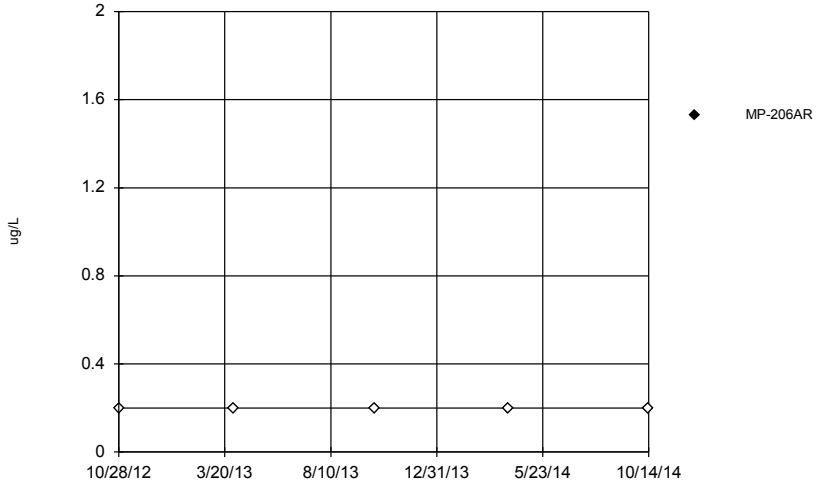

Constituent: Mercury Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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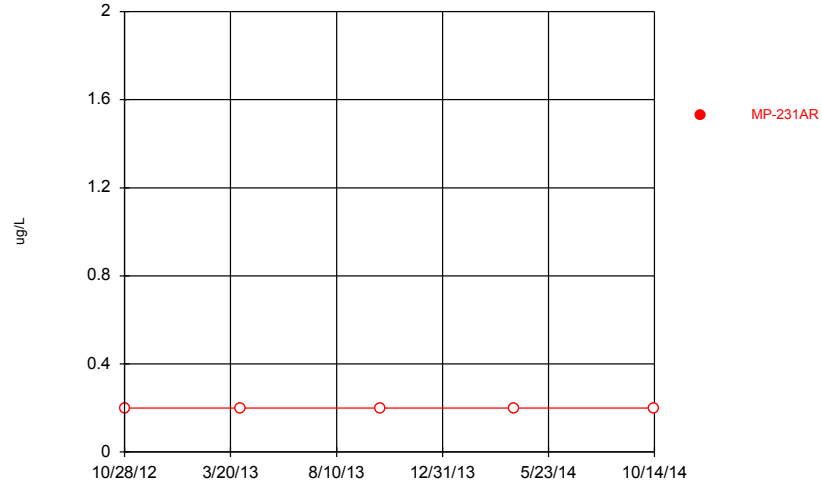
Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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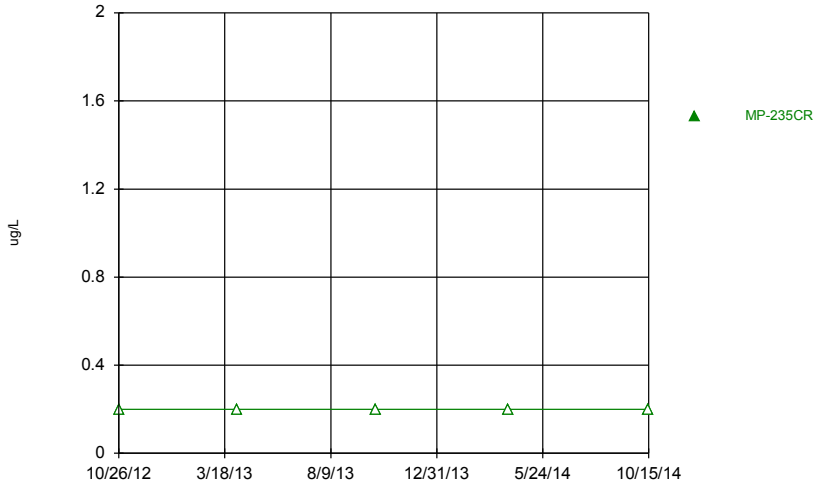

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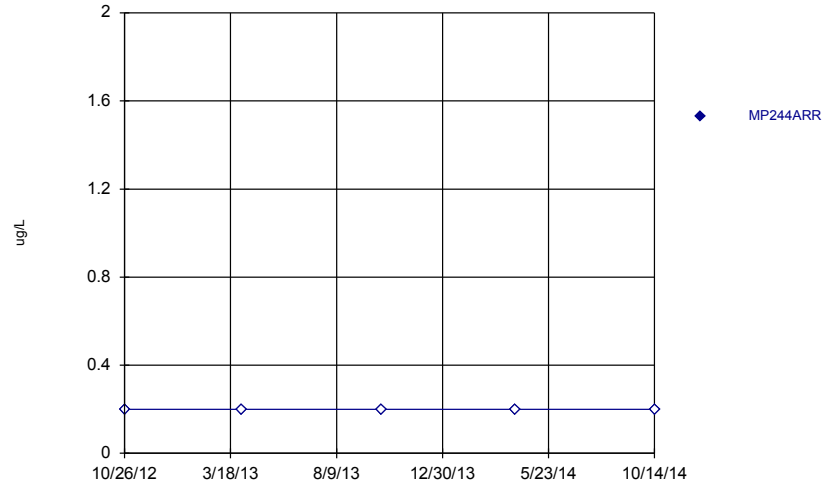

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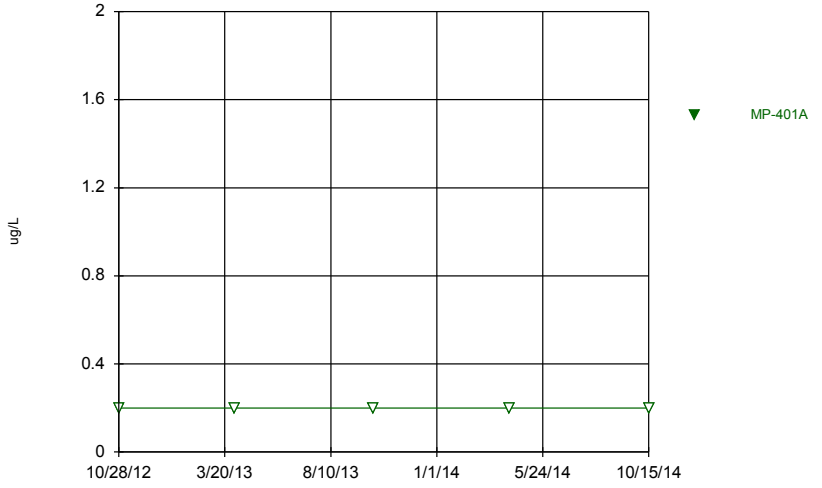

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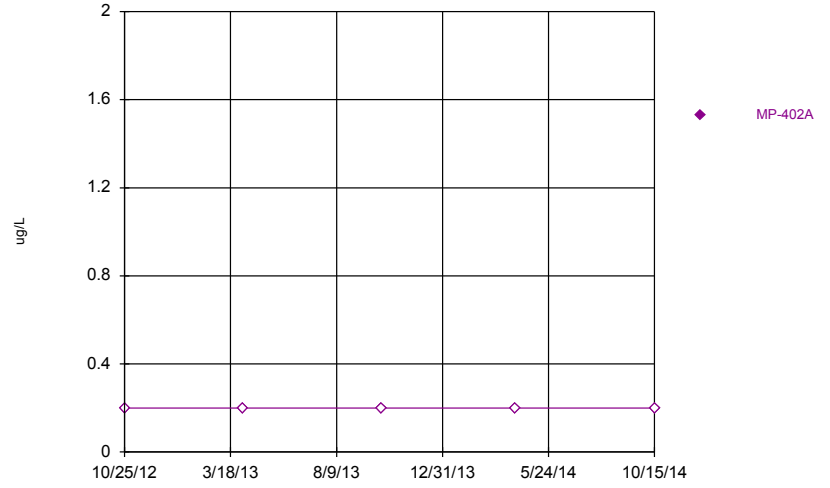

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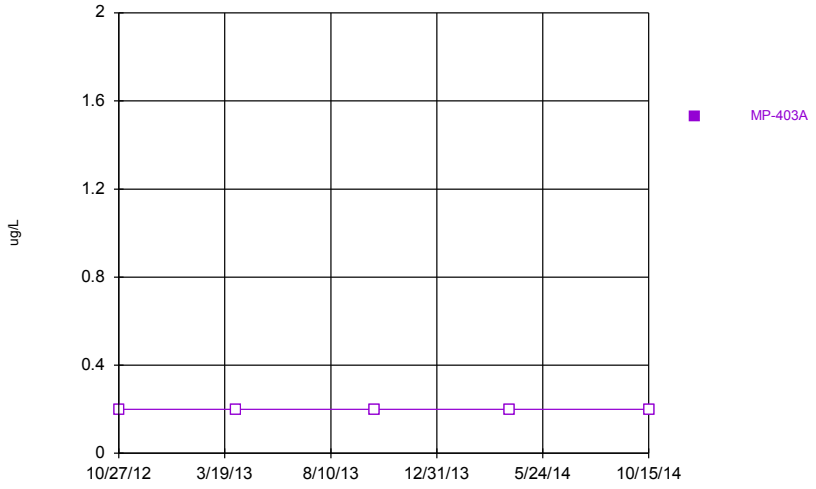

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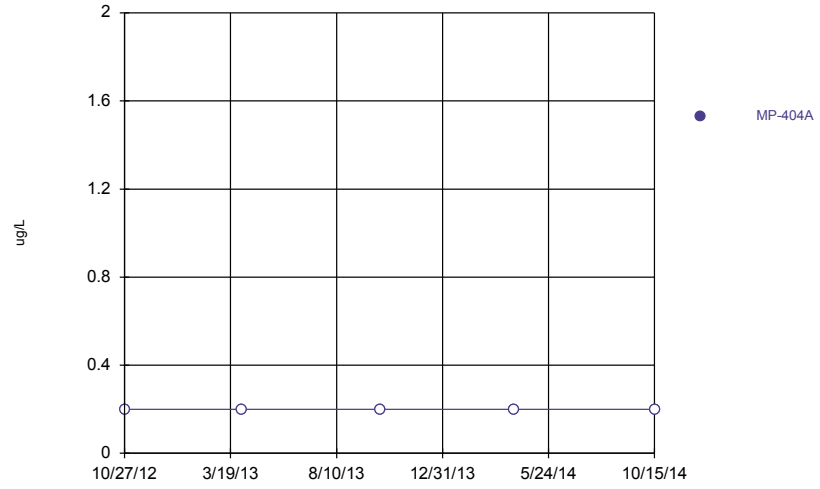

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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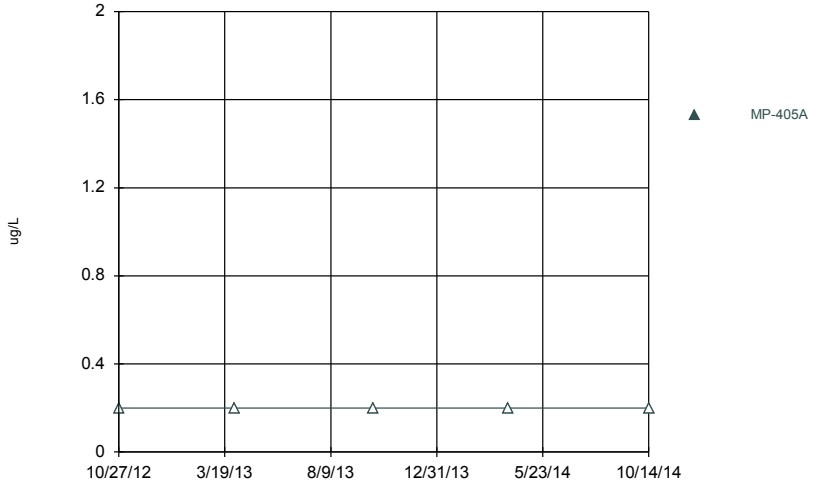

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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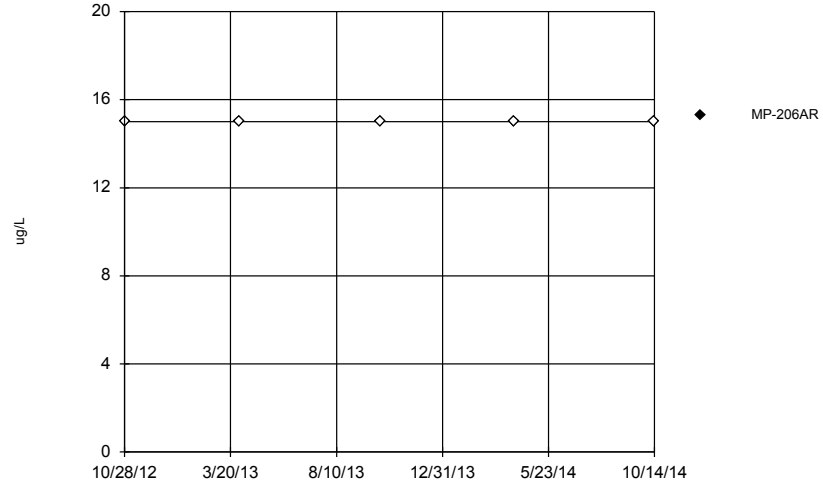

Constituent: Selenium Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Tim
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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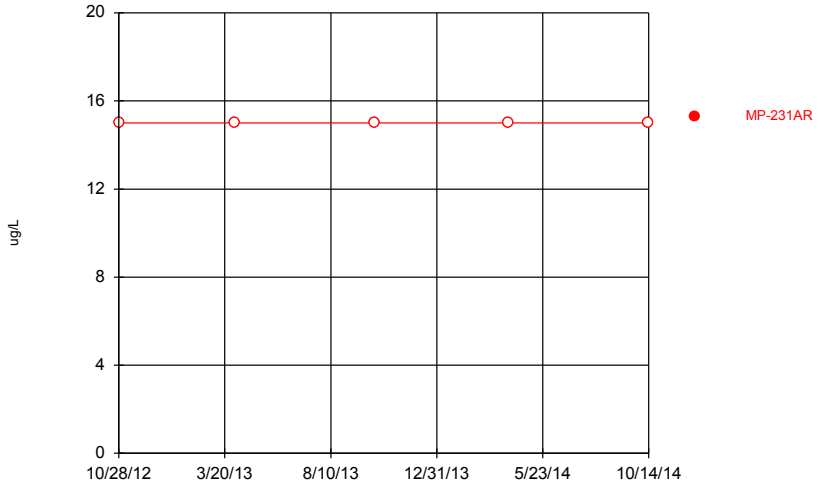

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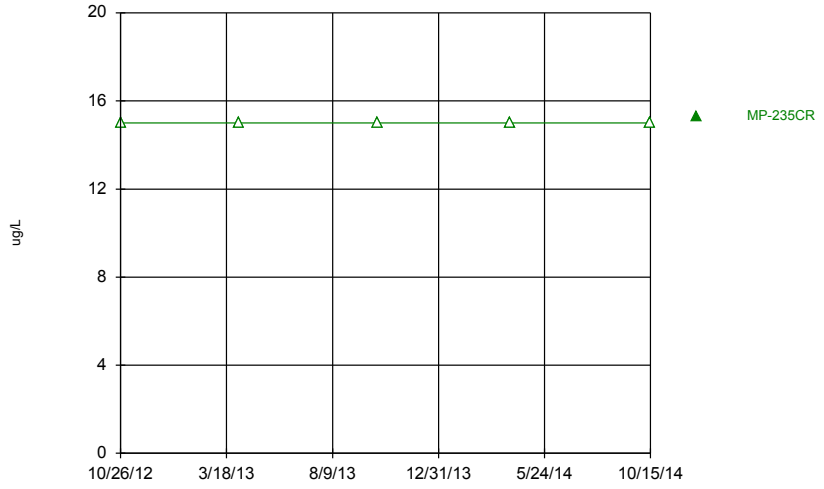

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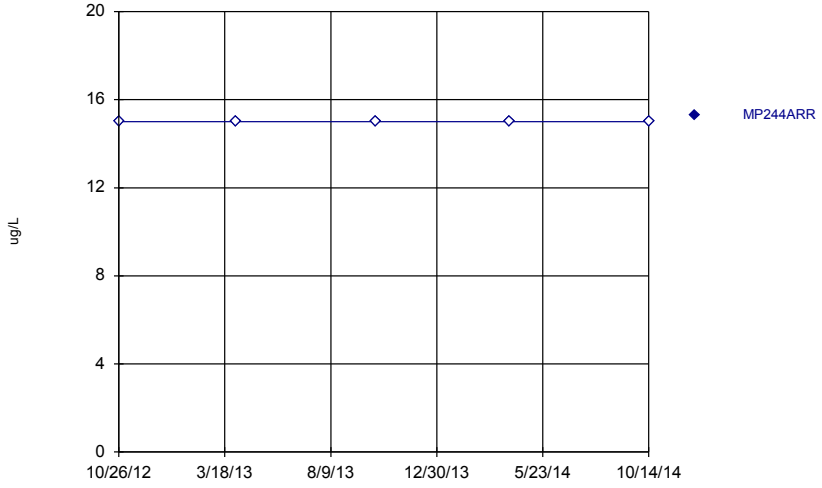

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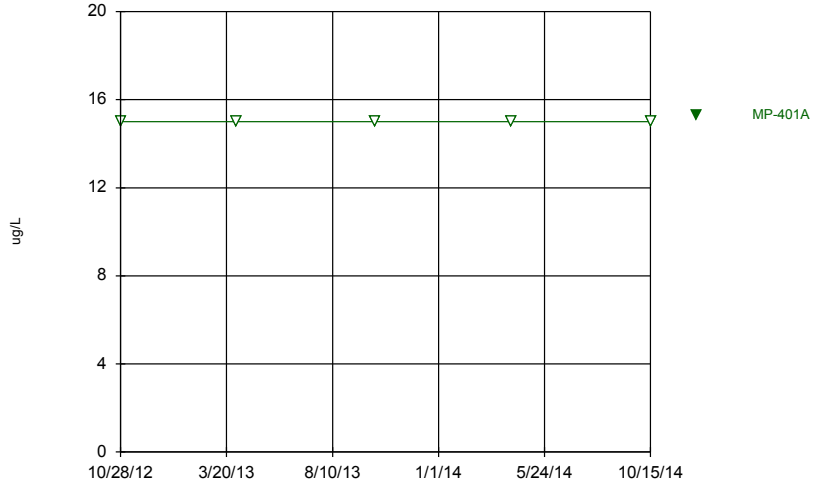

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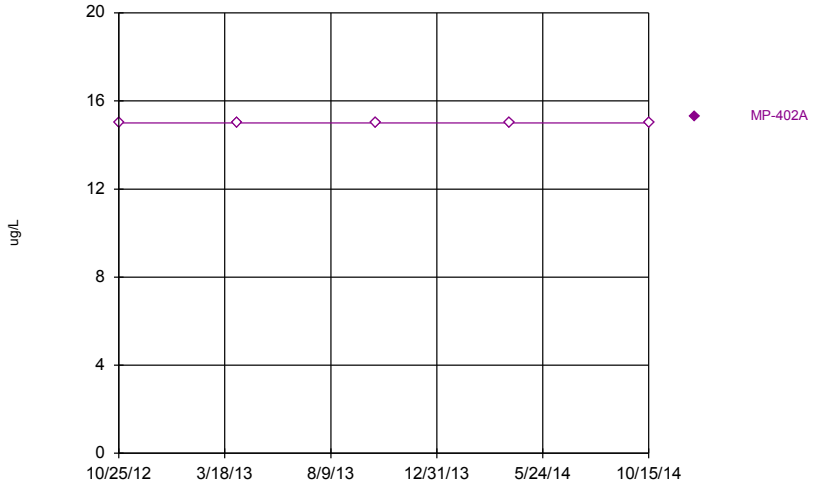

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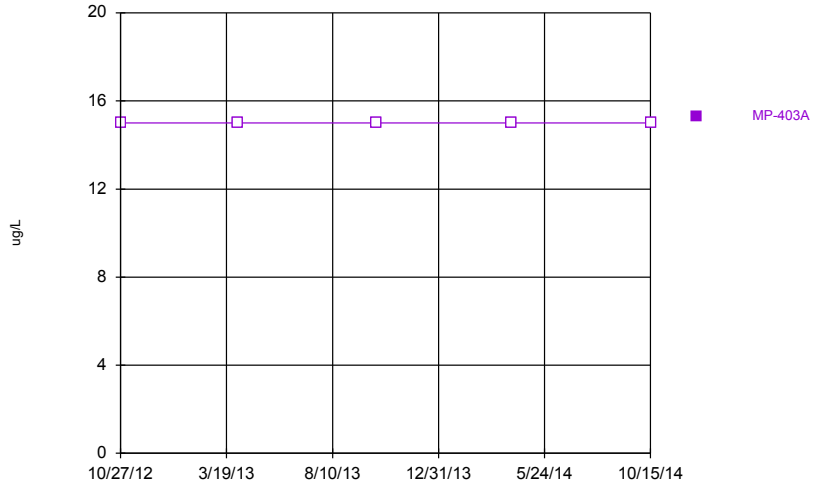

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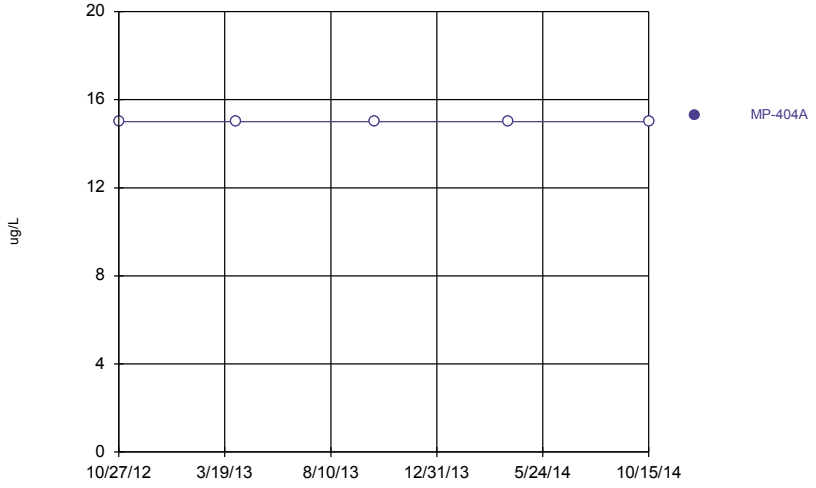

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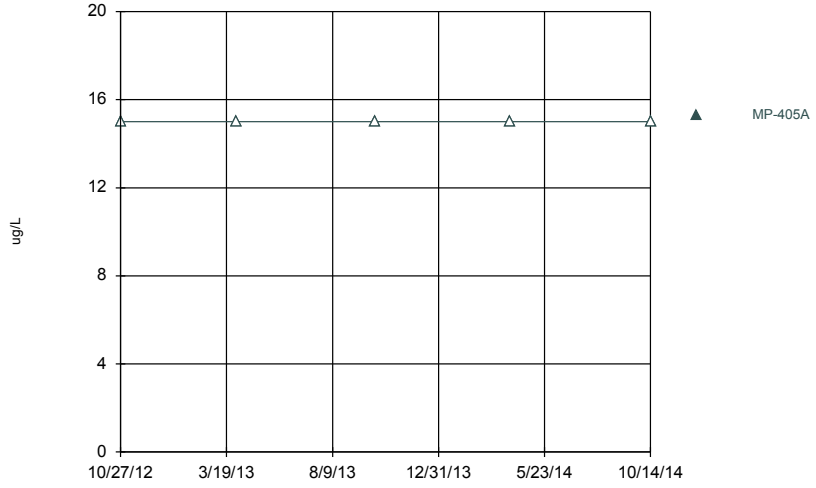

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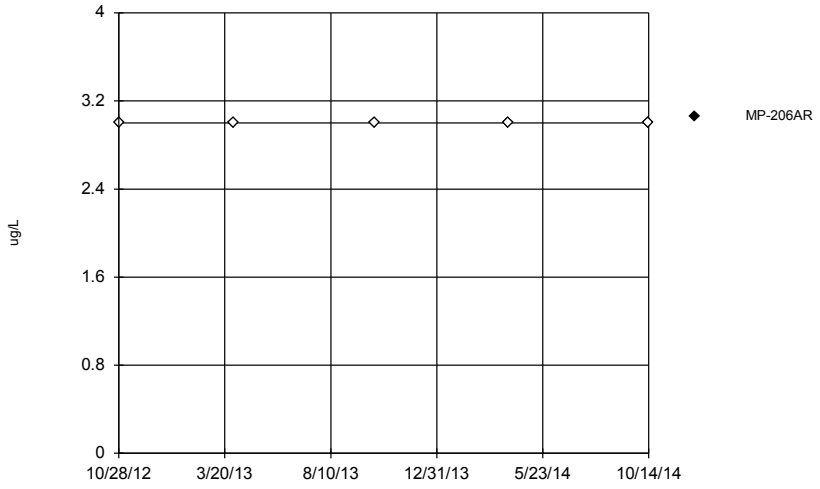

Constituent: Silver Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time S
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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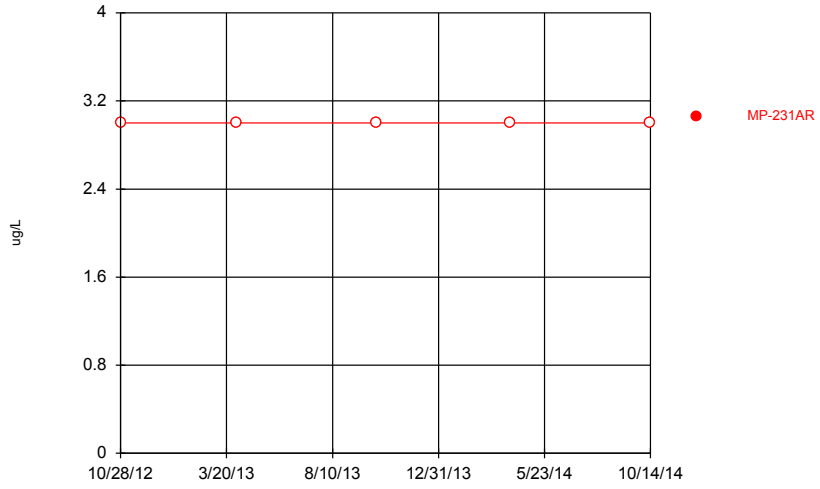
Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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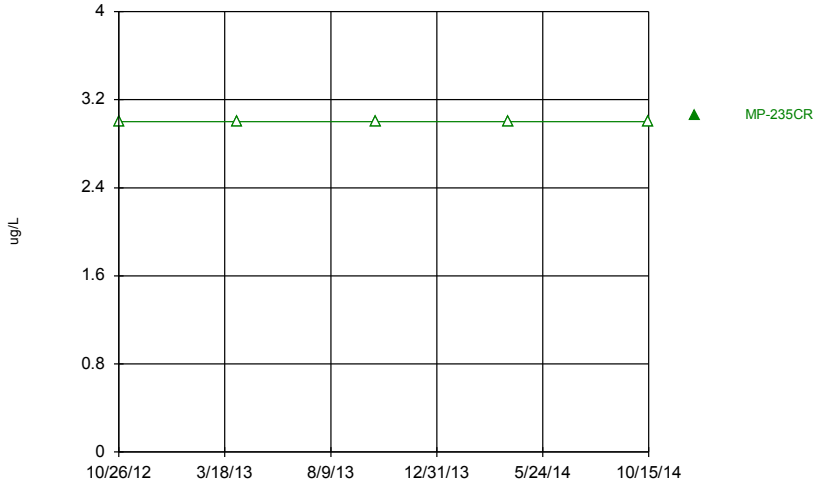
Time Series



Constituent: Silver Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time S
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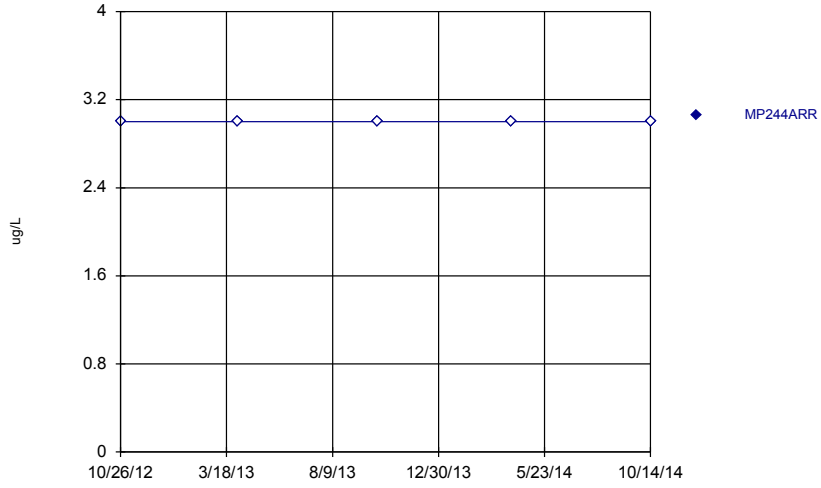

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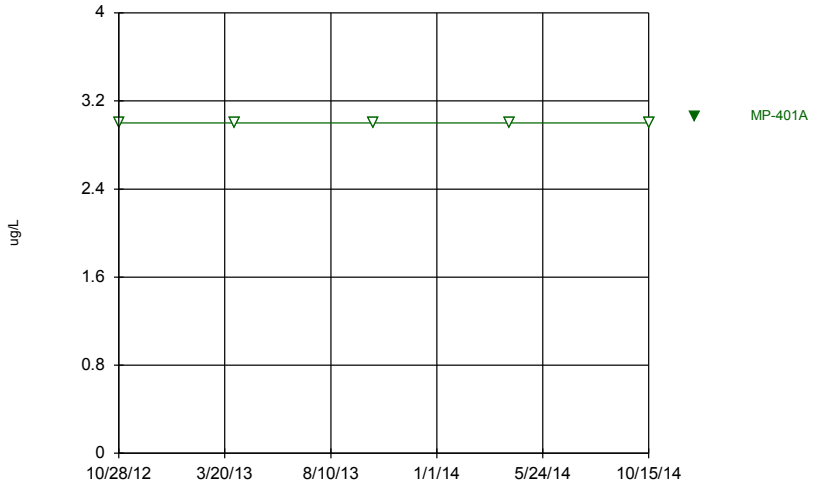

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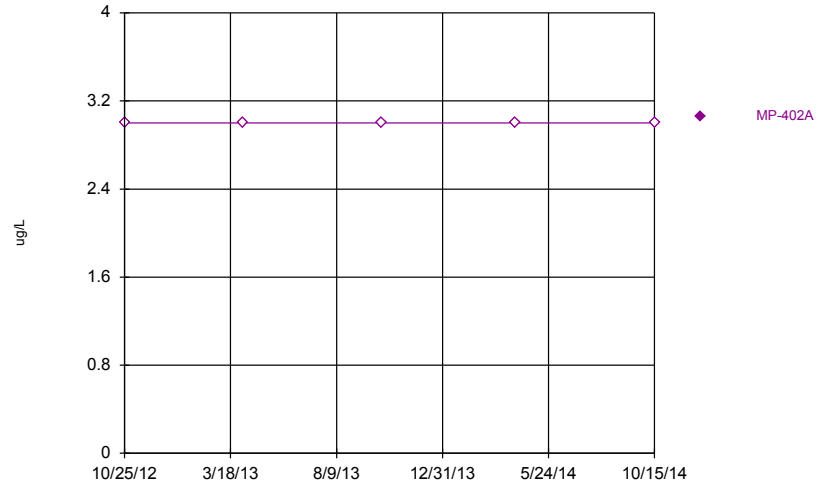

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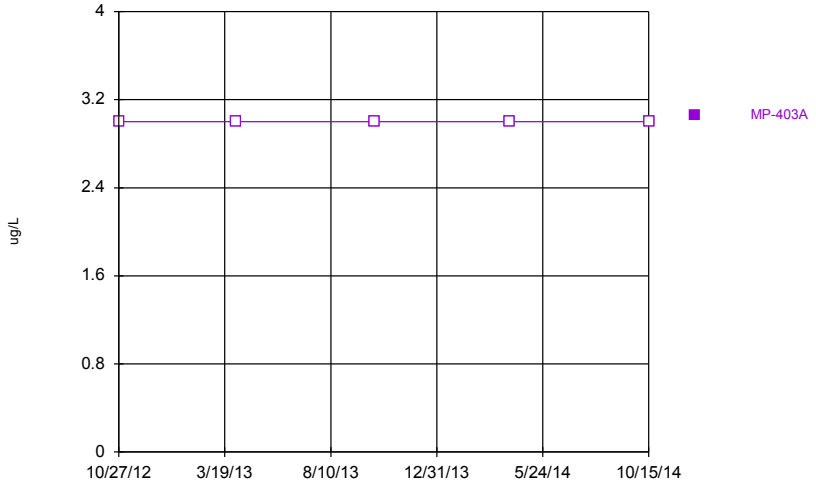
Hollow symbols indicate censored values.

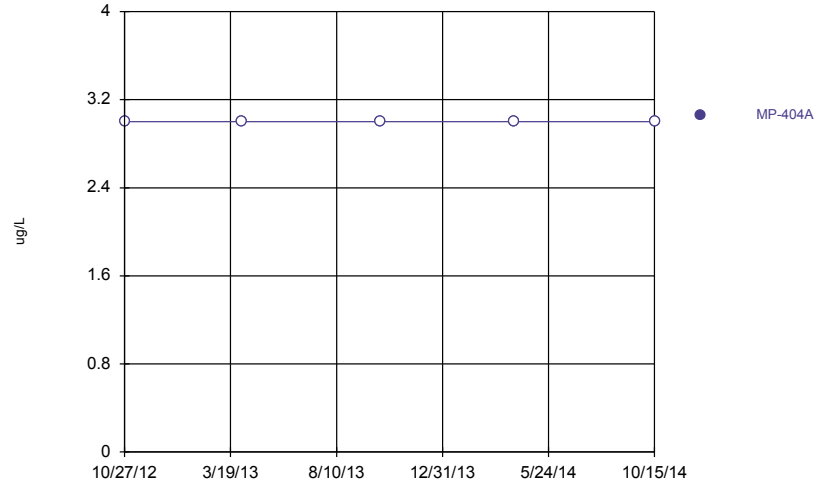
Time Series



Constituent: Silver Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time S
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

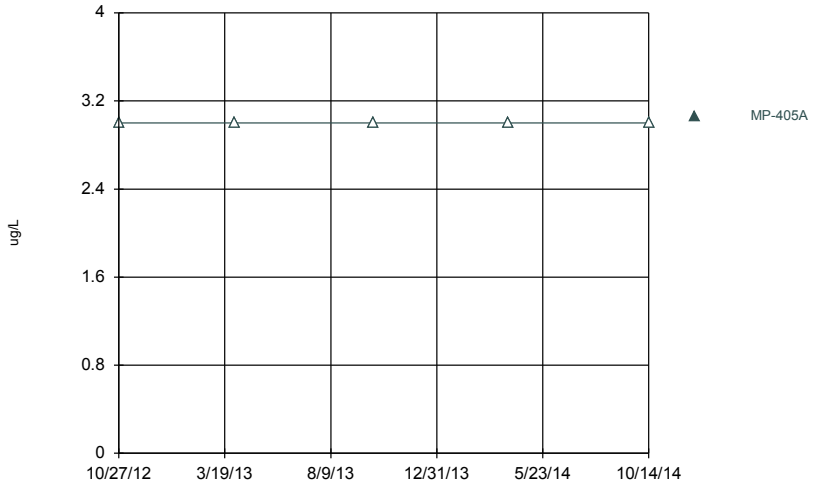
Time Series



Constituent: Silver Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time S
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Time Series

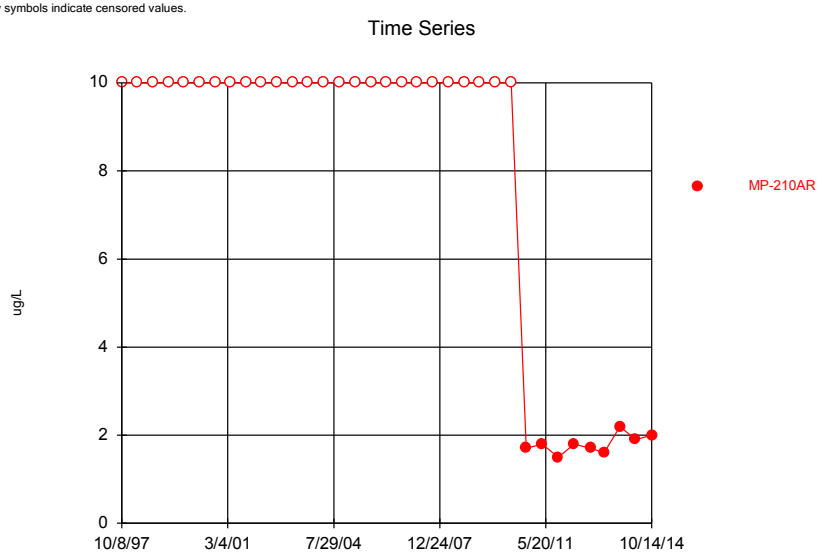


Constituent: Silver Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time S
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

APPENDIX D.

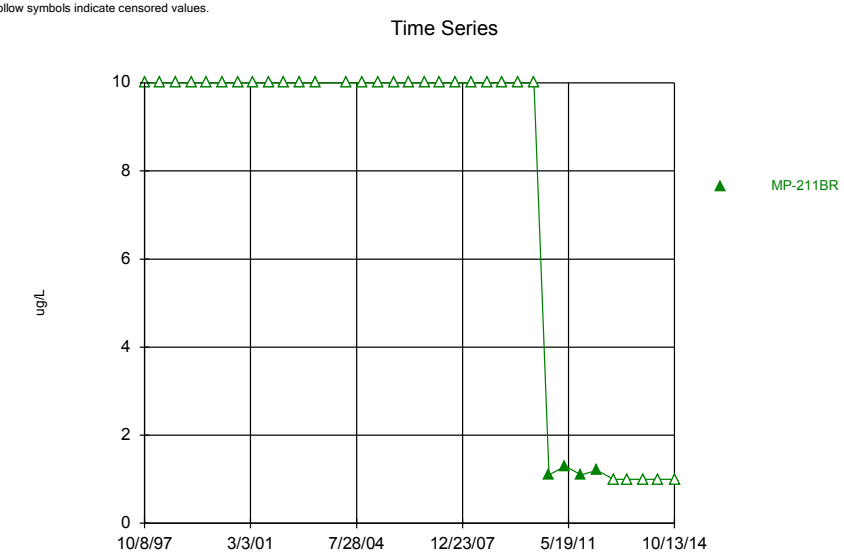
TIME-SERIES PLOTS OF METALS RESULTS
880 SAND WELLS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.



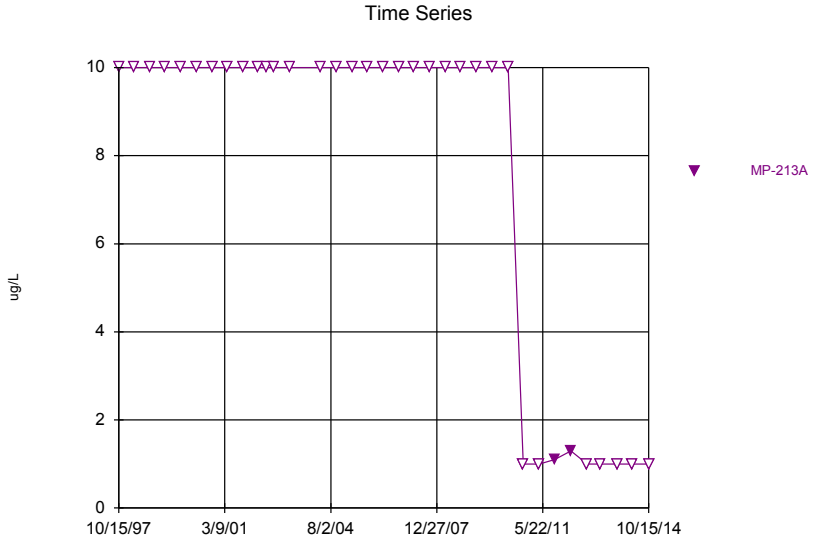
Constituent: Arsenic Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.



Constituent: Arsenic Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.



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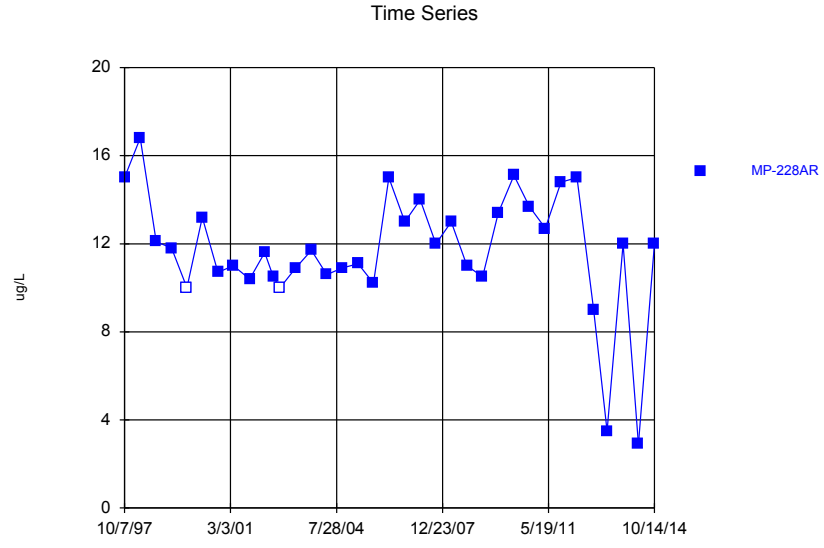
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

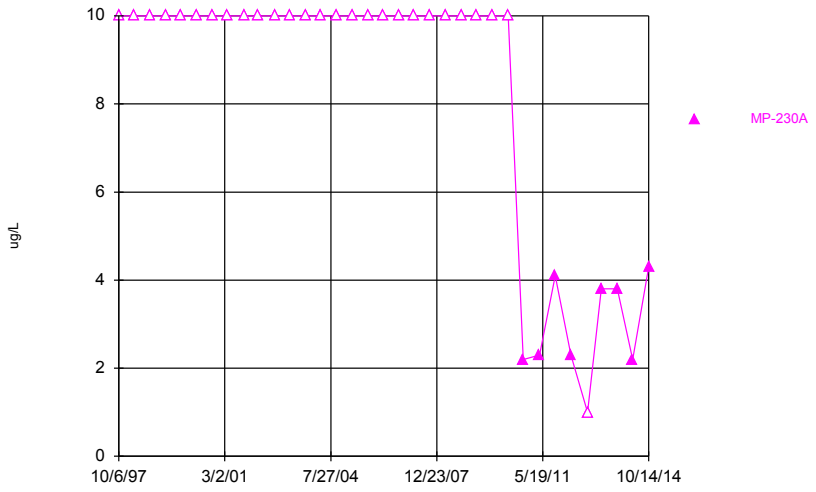
Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.



Constituent: Arsenic Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

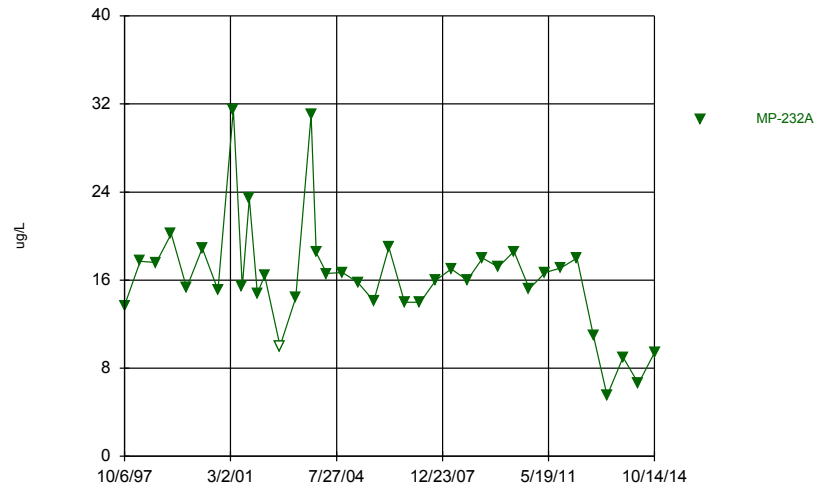
Time Series



Constituent: Arsenic Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Arsenic Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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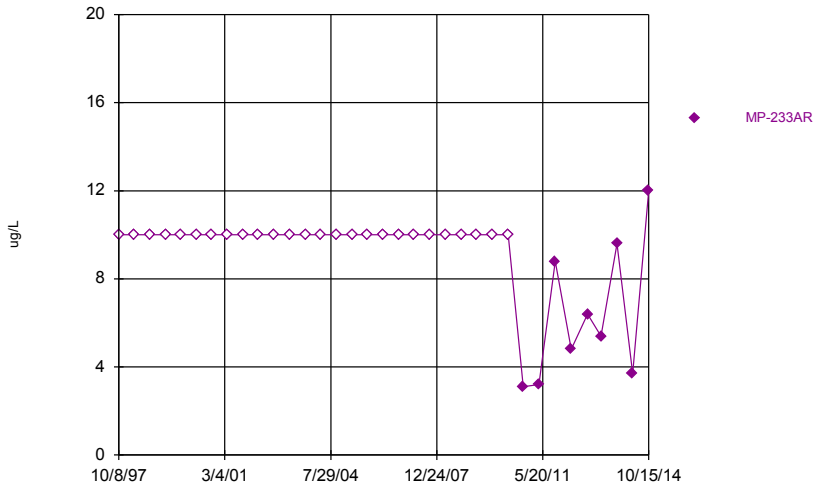
Time Series



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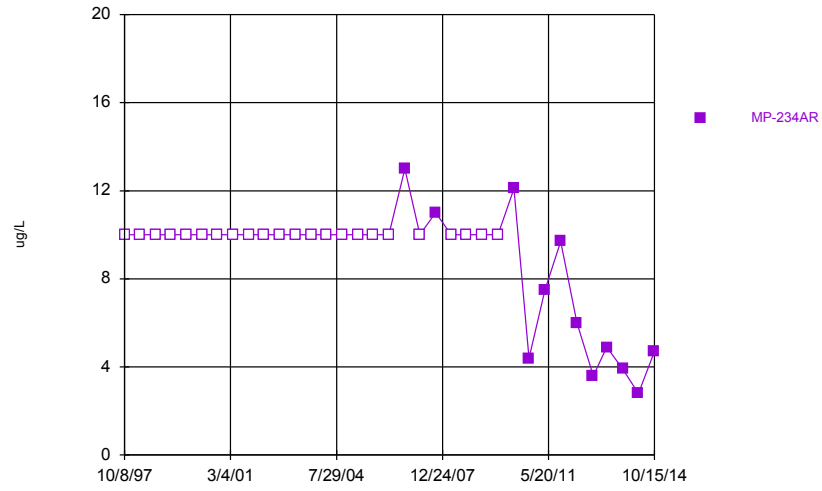
Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Arsenic Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
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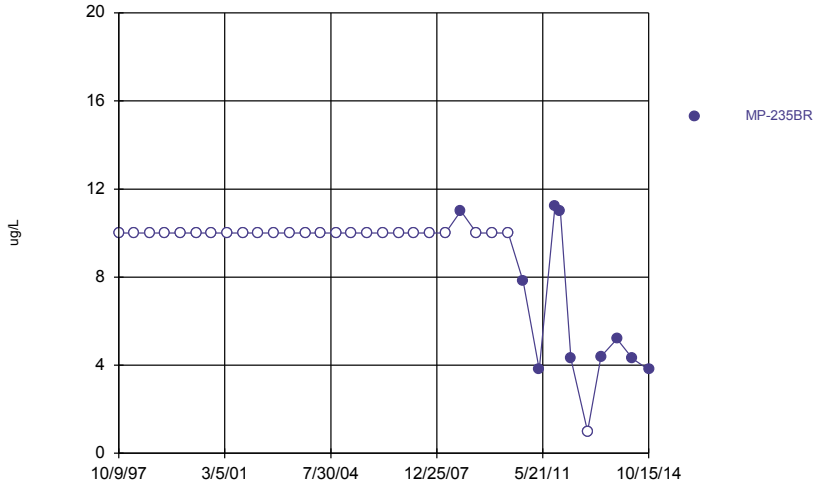
Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Time Series



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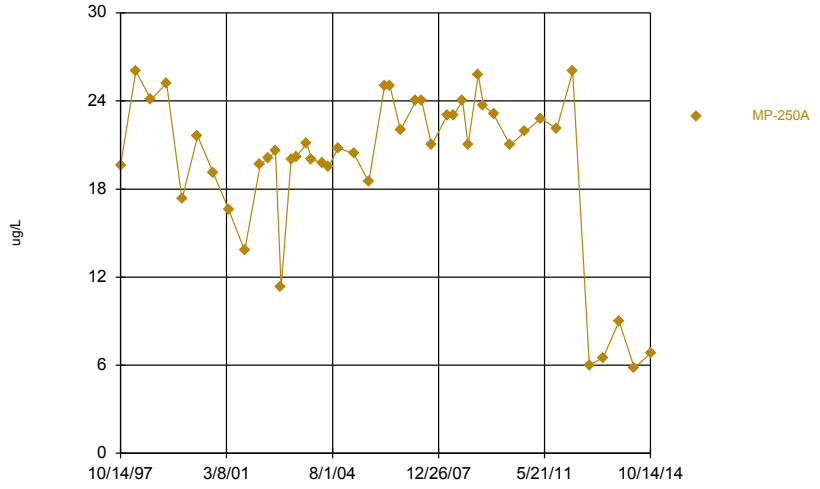
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Time Series



Constituent: Arsenic Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
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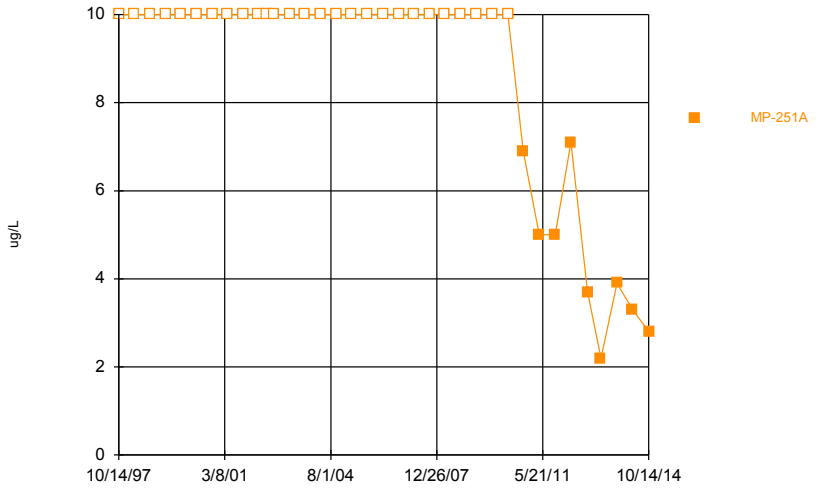

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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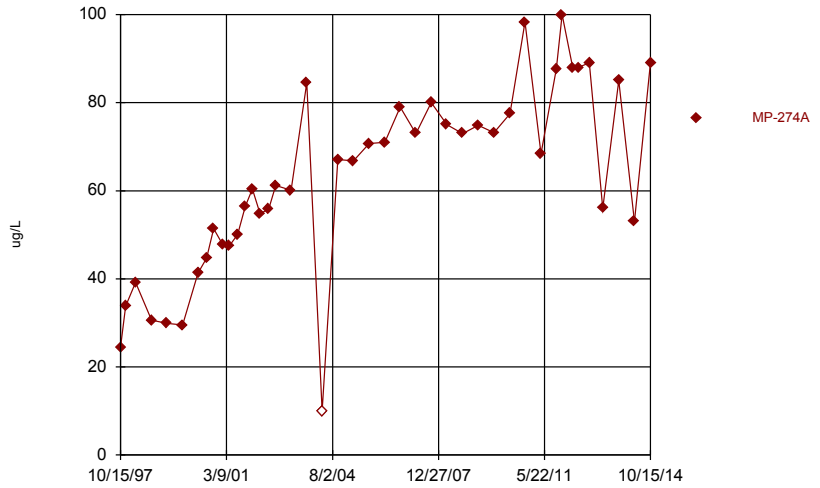
Time Series



Constituent: Arsenic Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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Hollow symbols indicate censored values.

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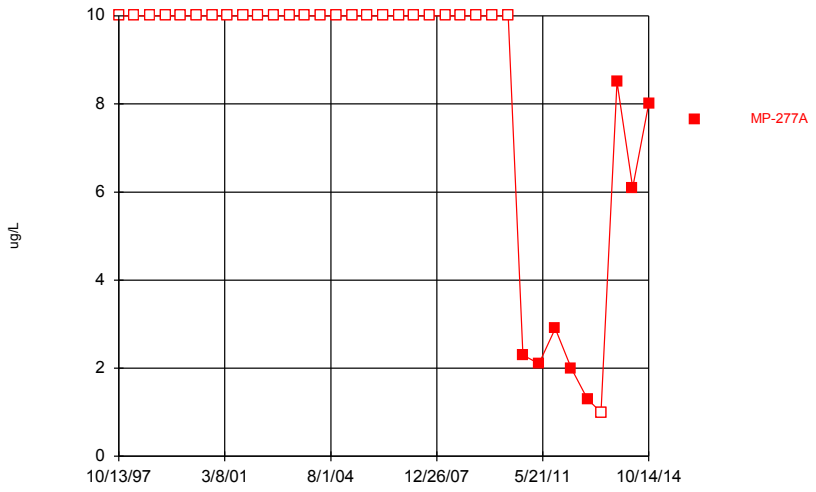

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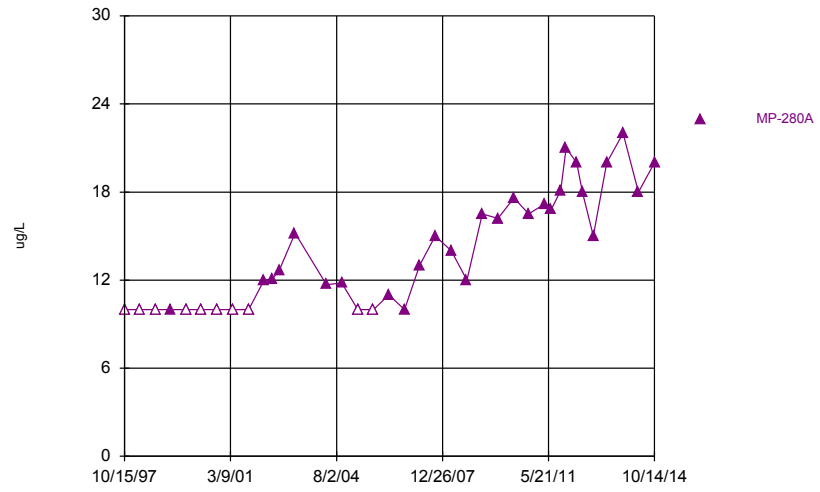

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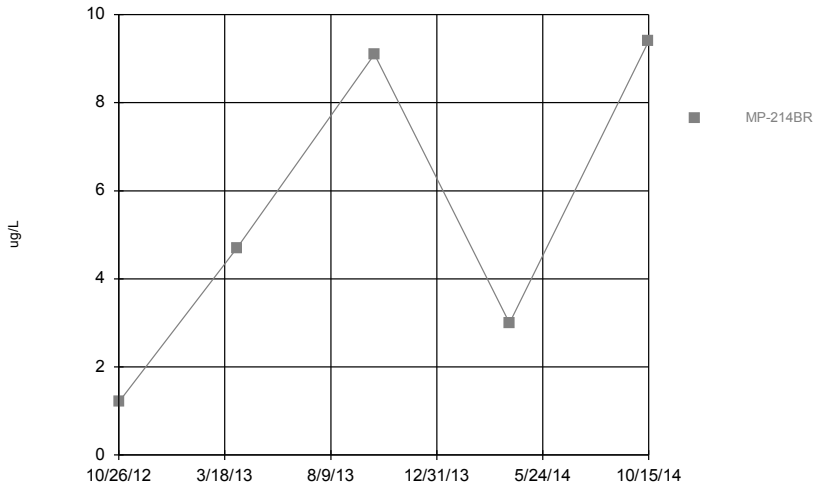

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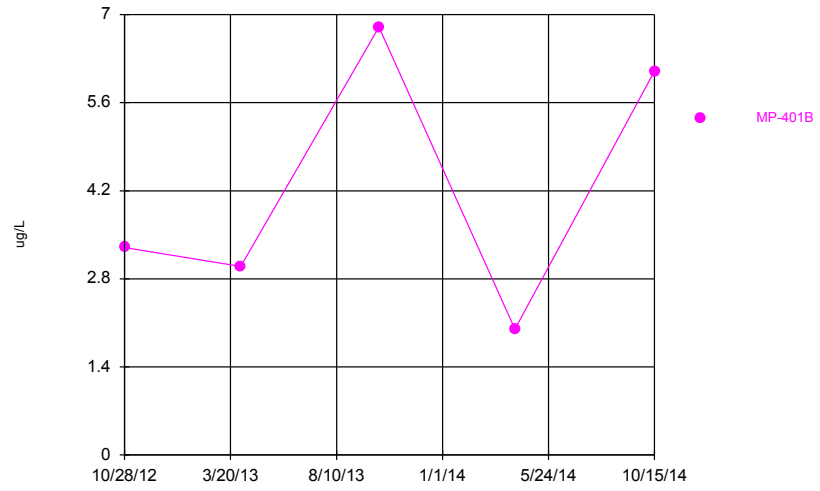
Time Series



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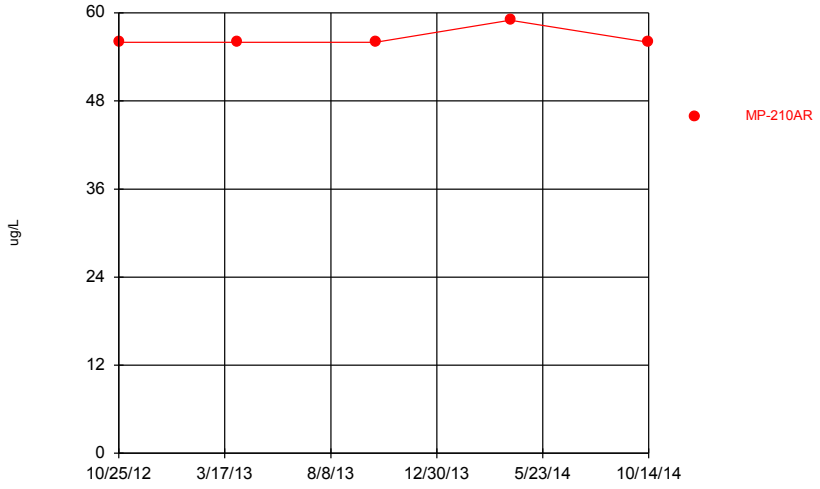

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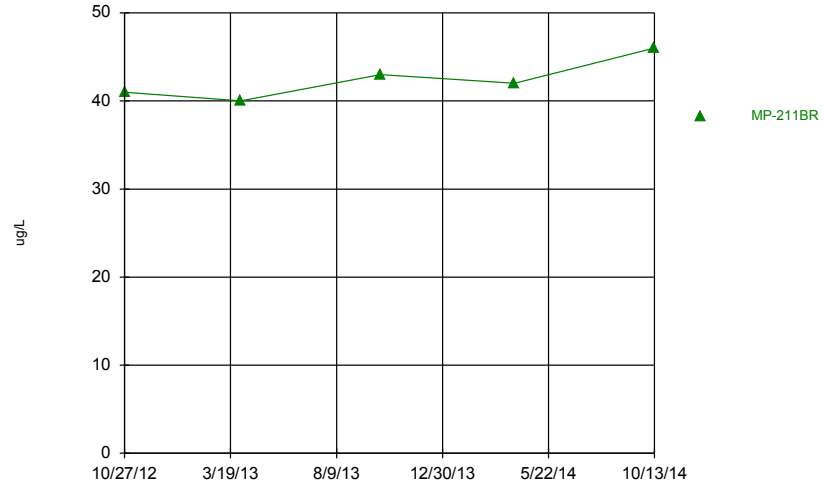
Time Series



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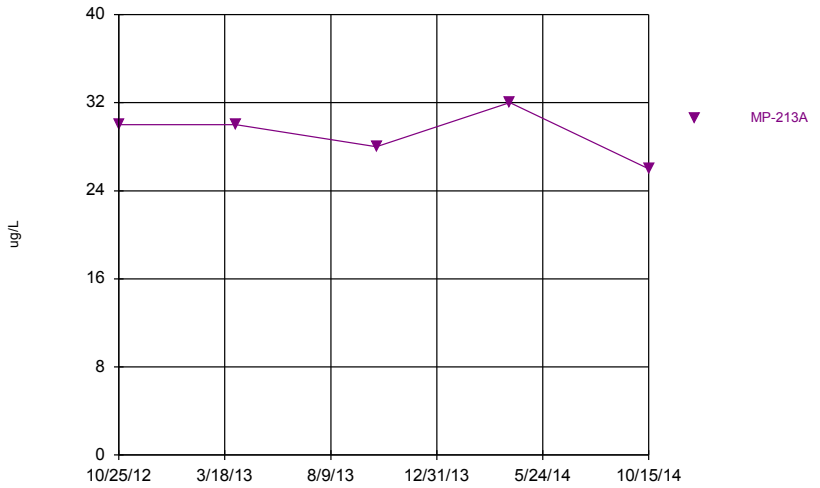
Time Series



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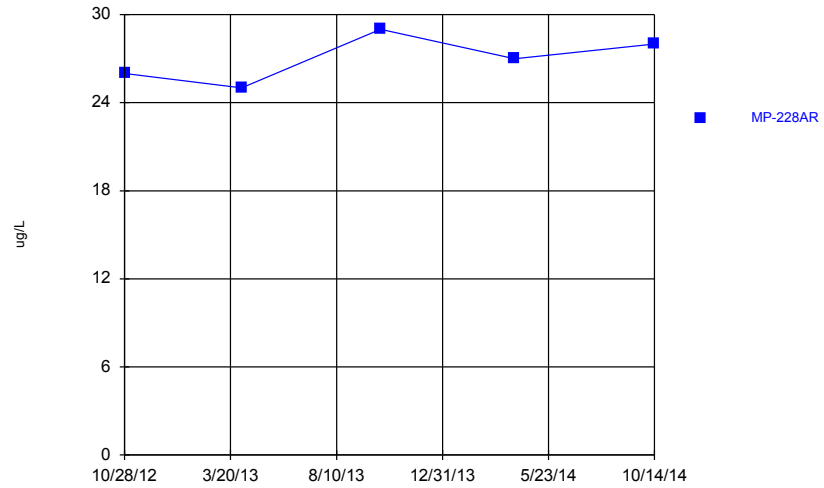

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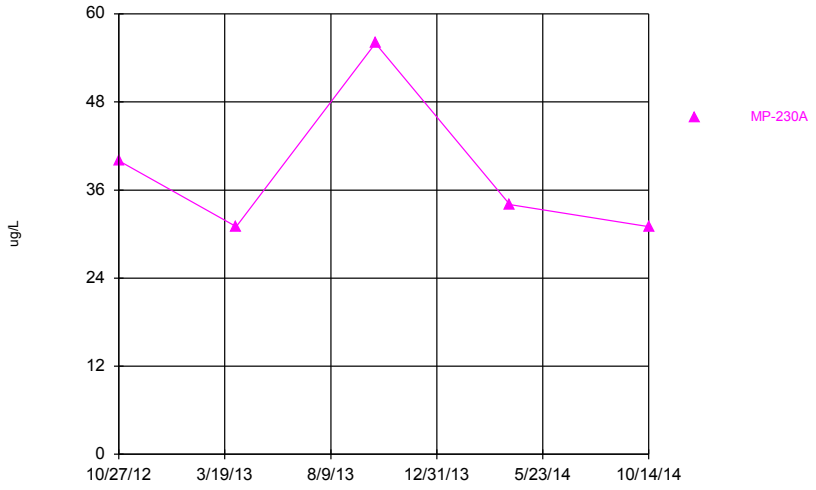

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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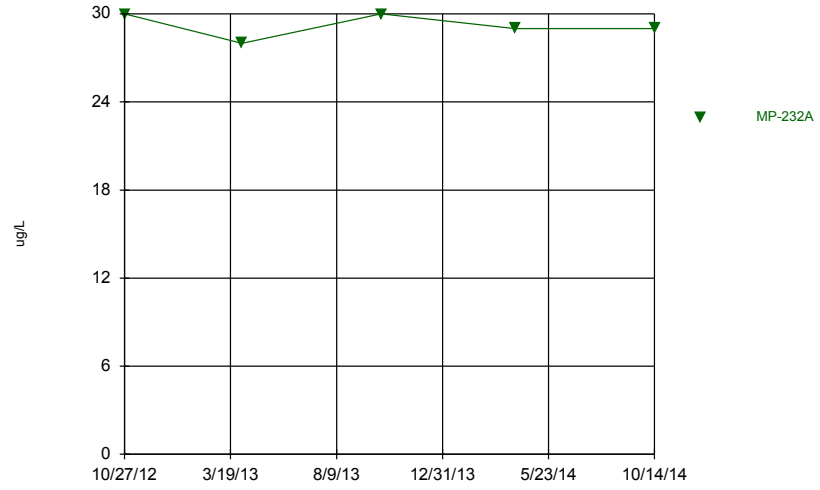

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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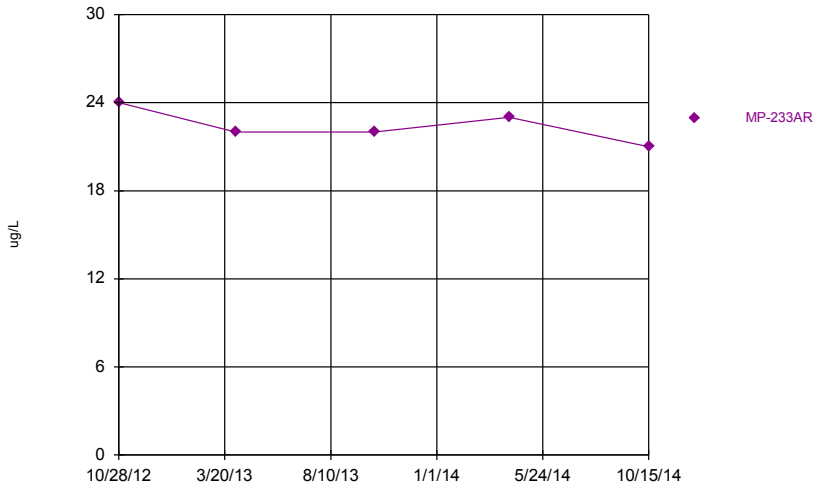

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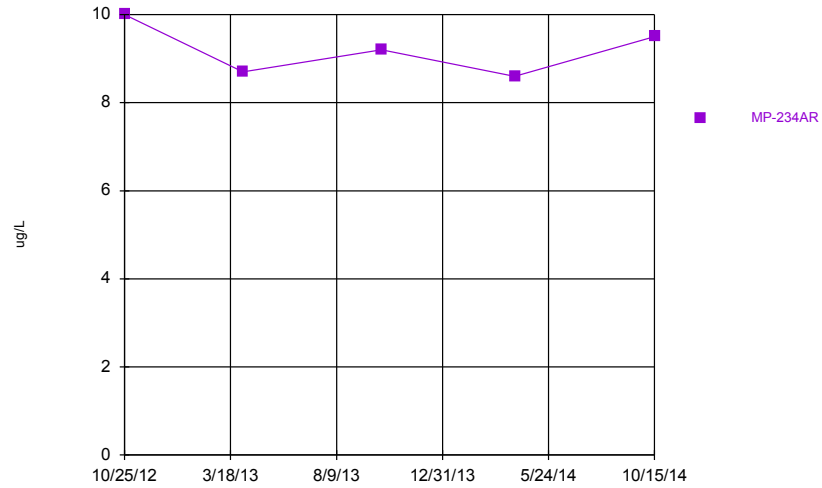

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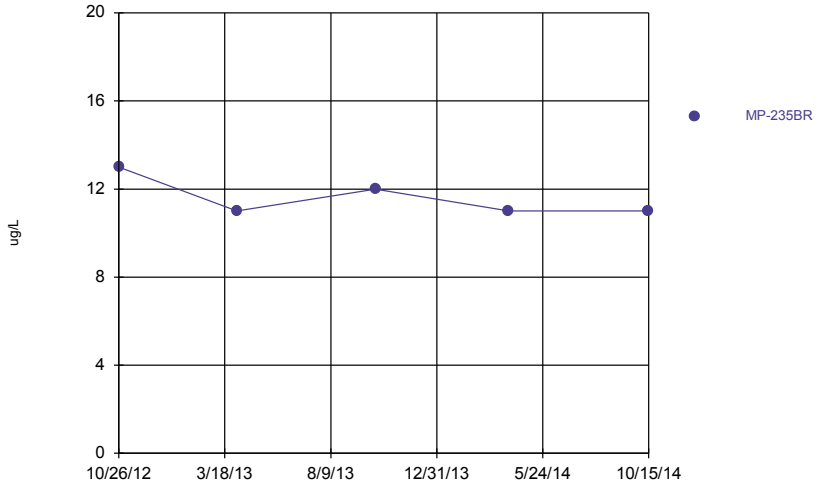

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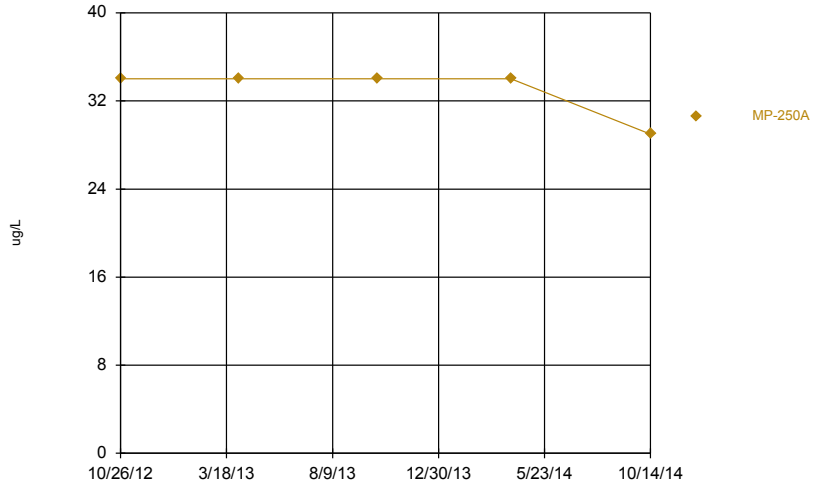
Time Series



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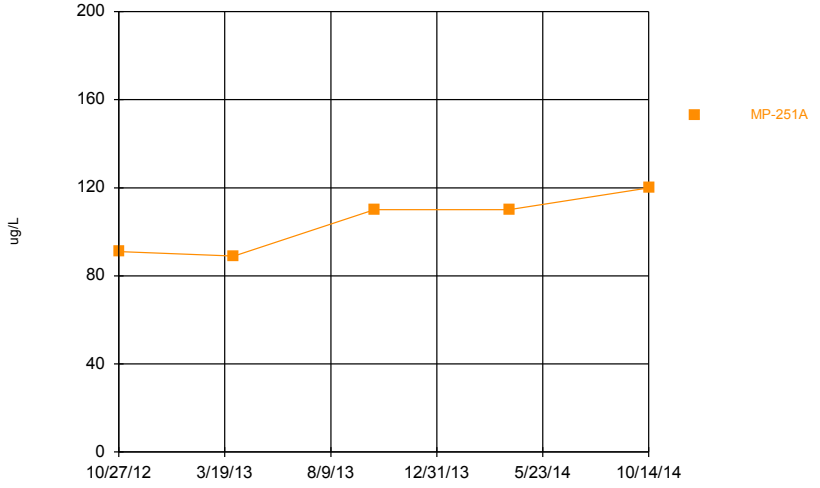

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Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

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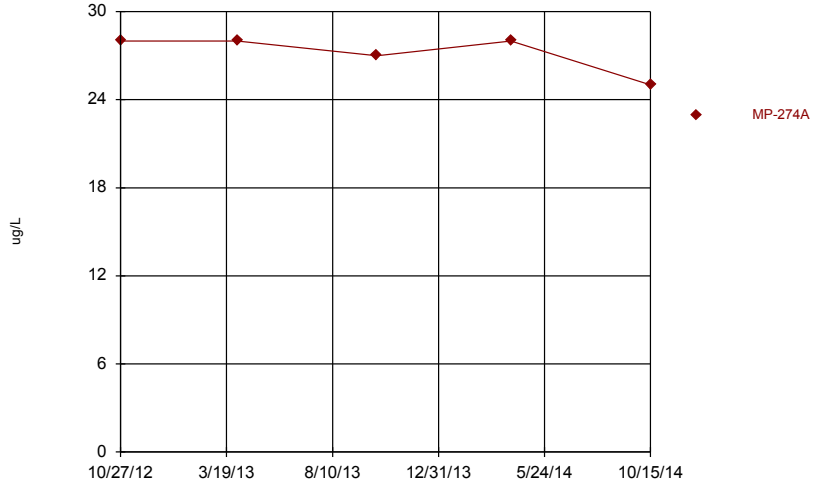

Constituent: Barium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
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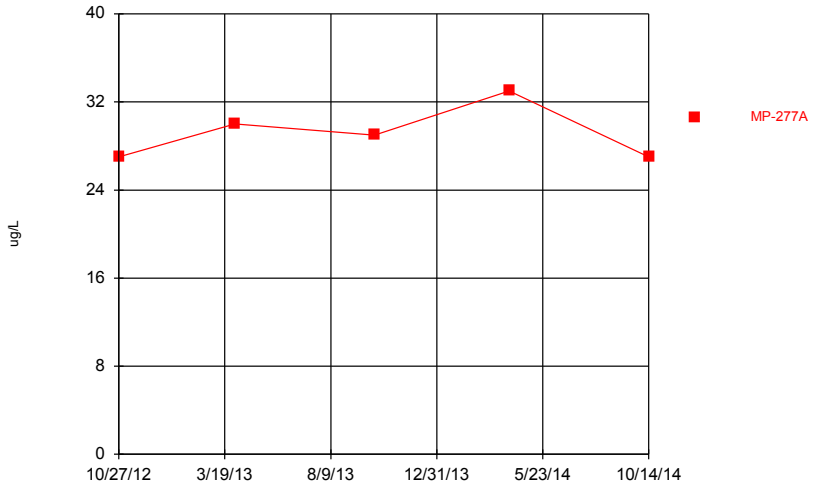
Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Time Series



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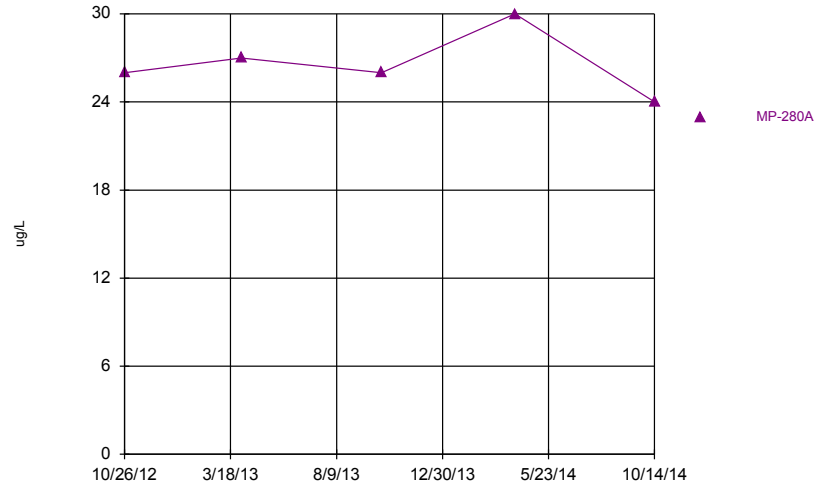
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Time Series



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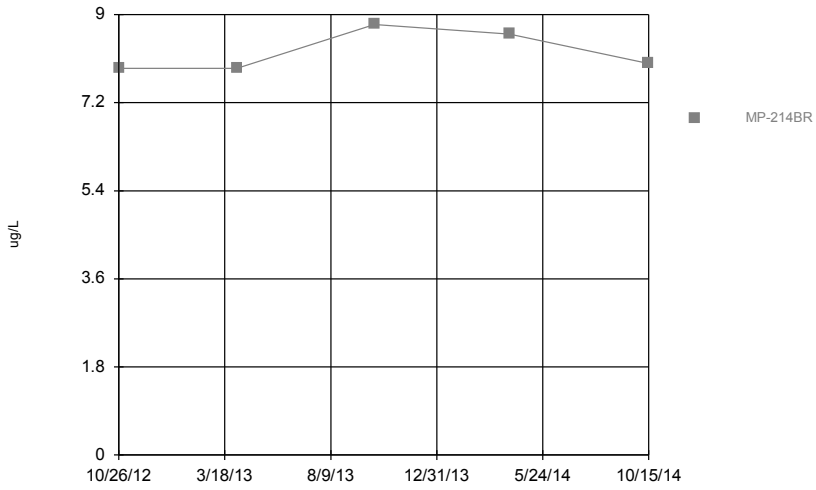
Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

Time Series



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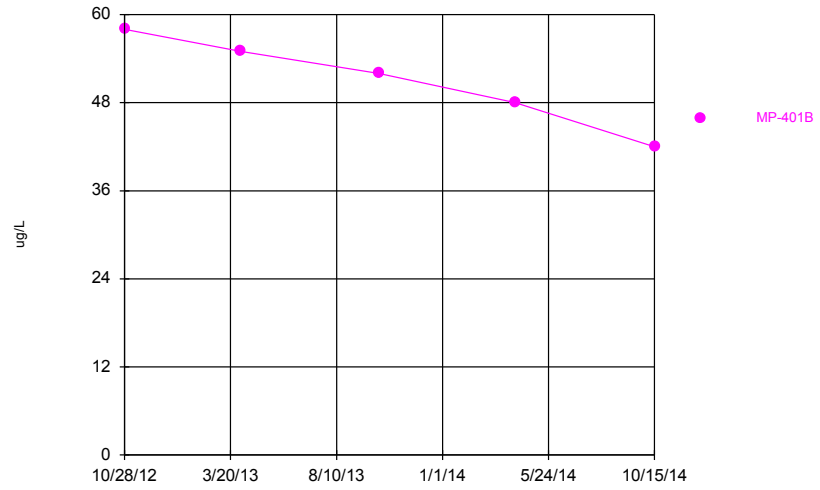
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

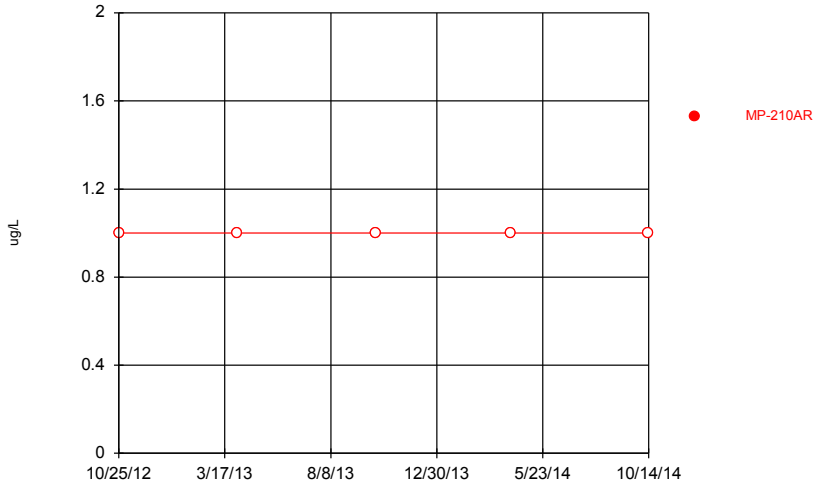
Time Series



Constituent: Barium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

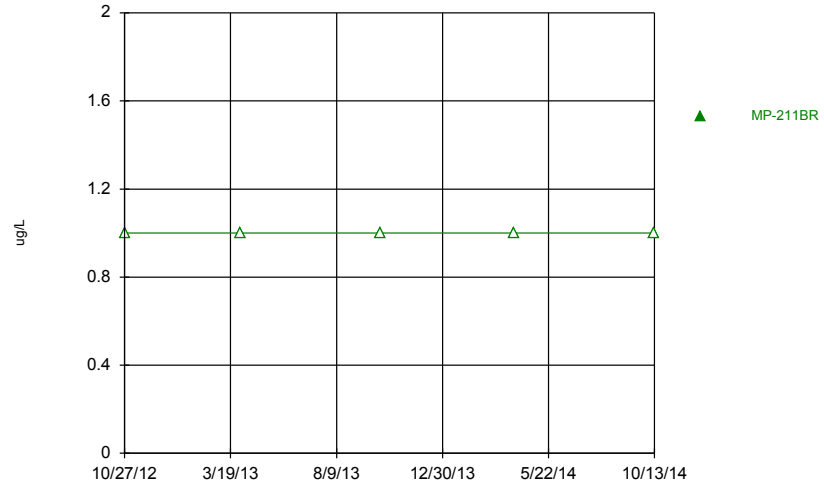
Time Series



Constituent: Cadmium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Cadmium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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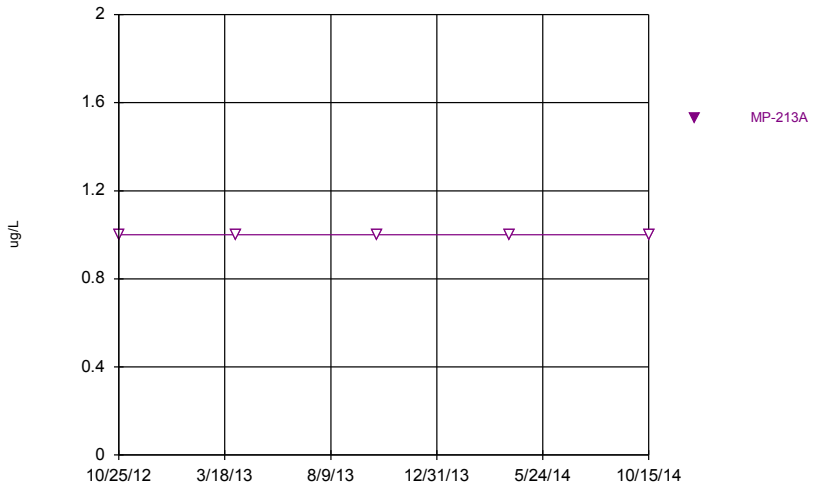
Time Series



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Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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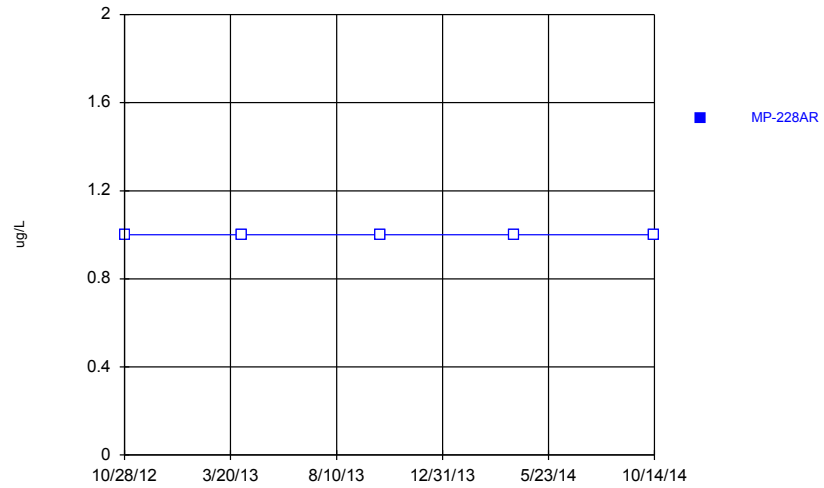
Time Series



Constituent: Cadmium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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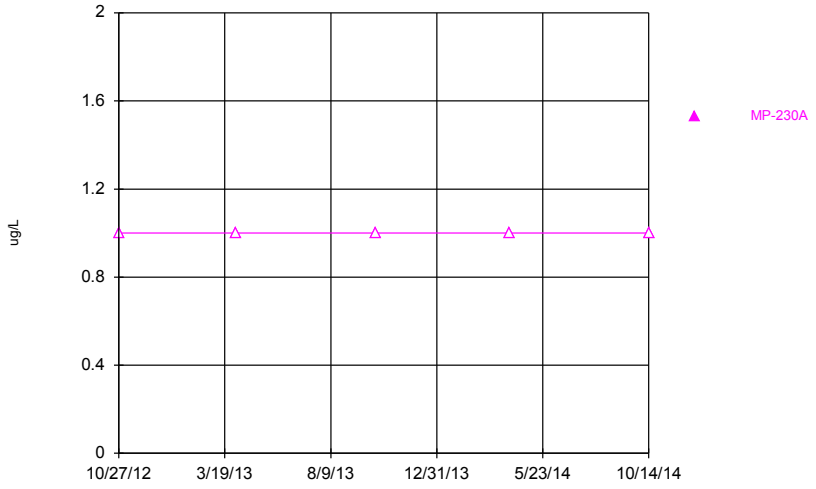
Time Series



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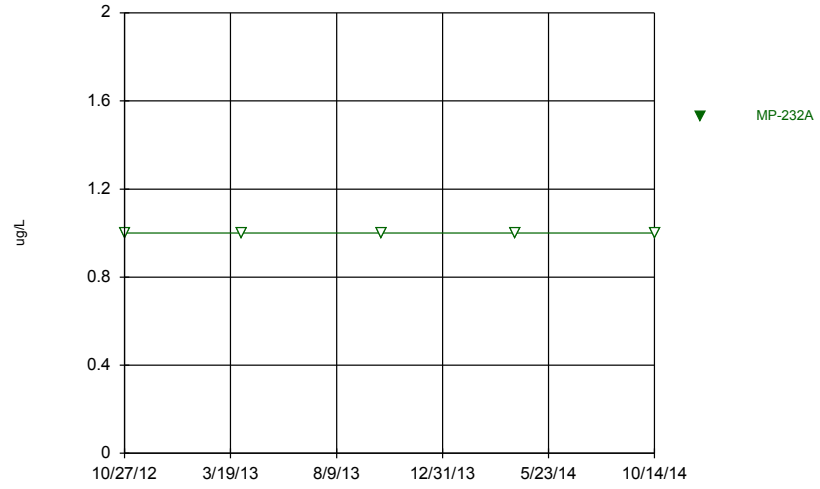

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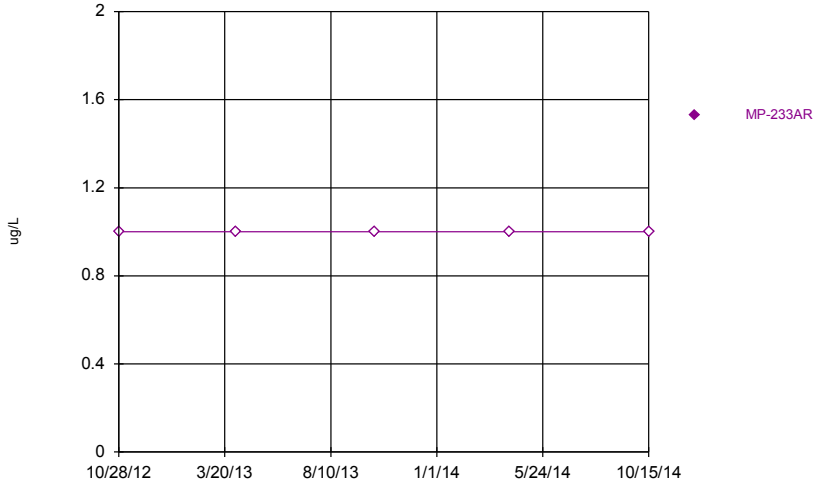

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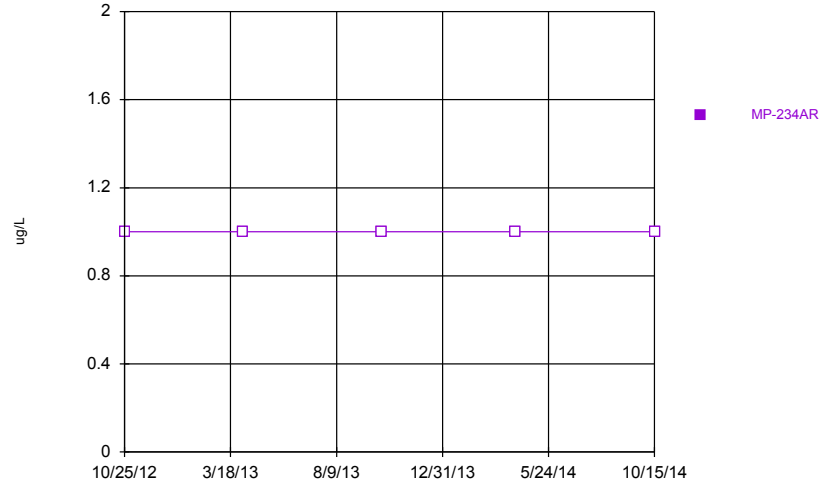

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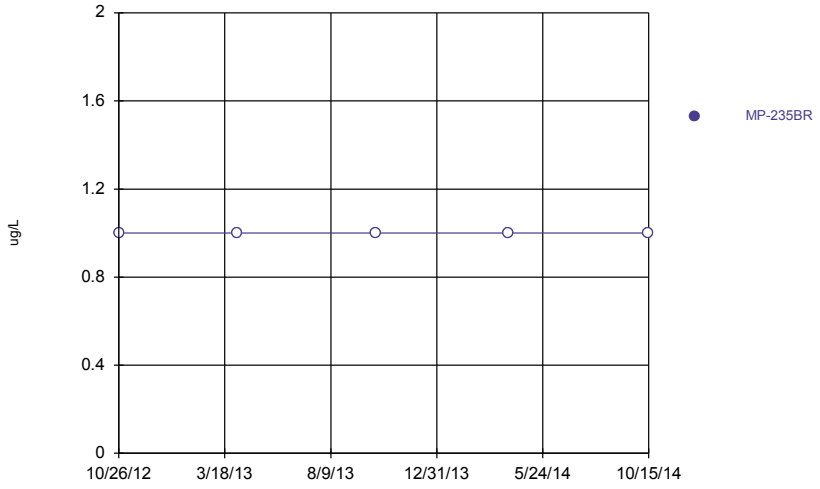

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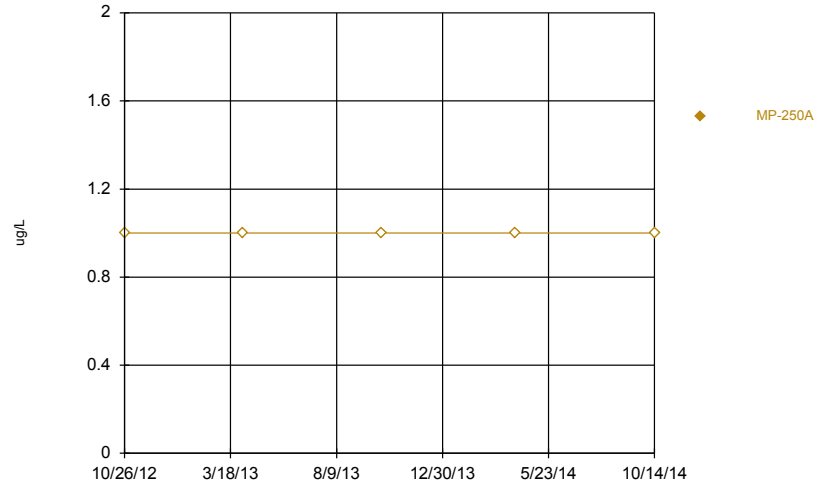

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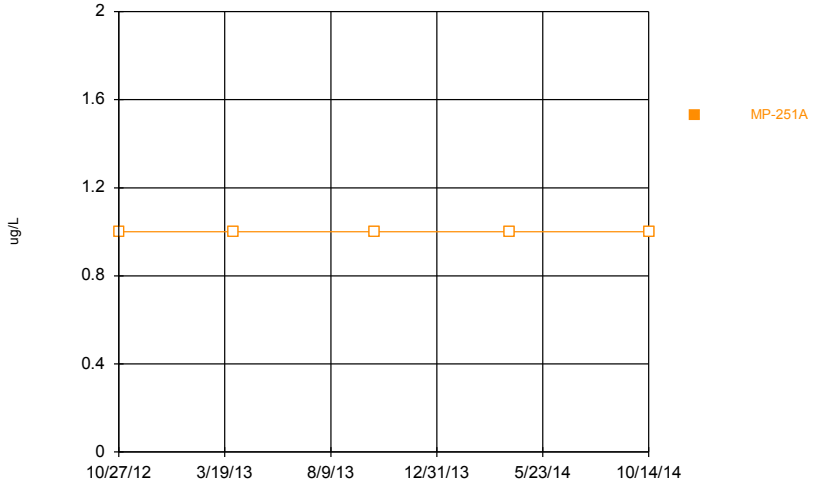

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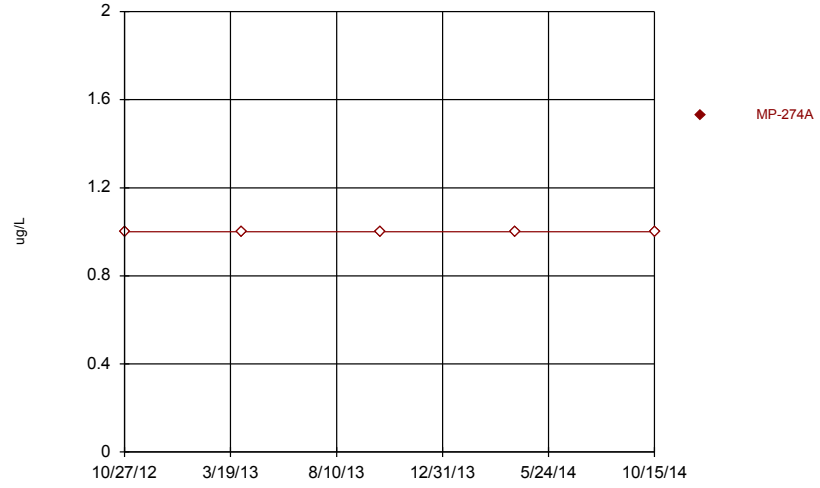

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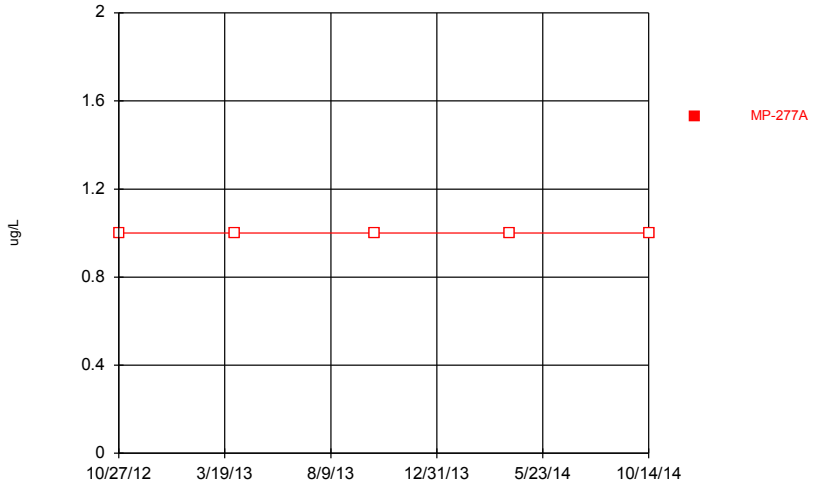

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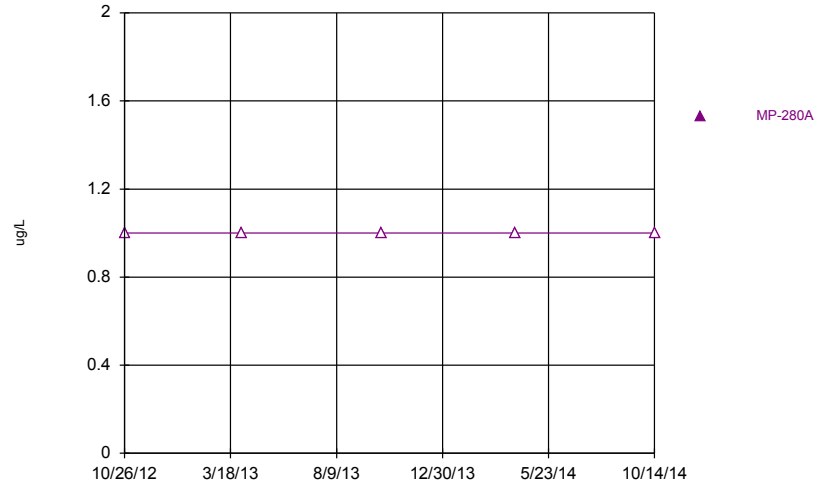

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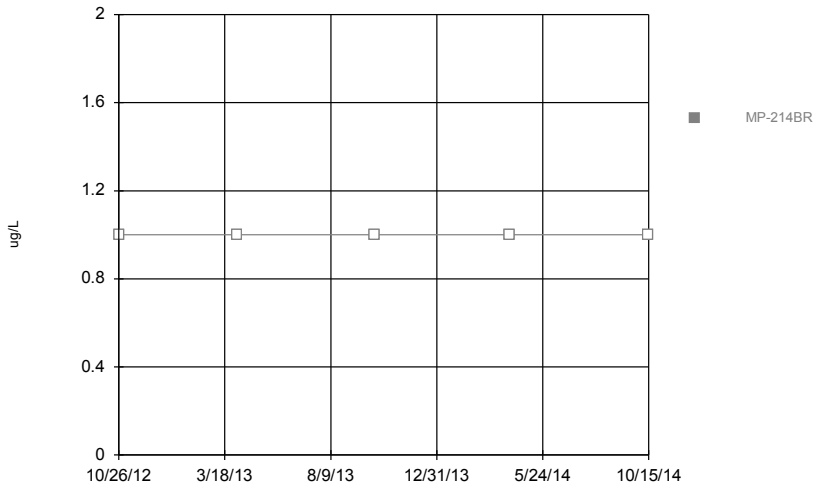

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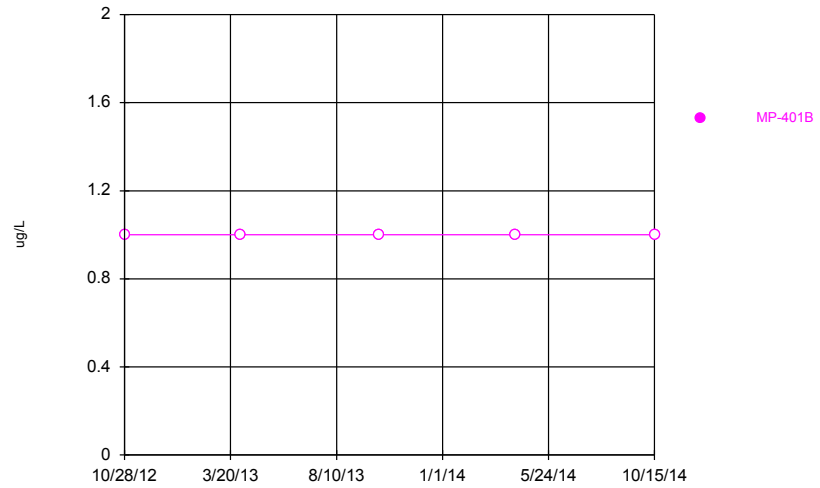

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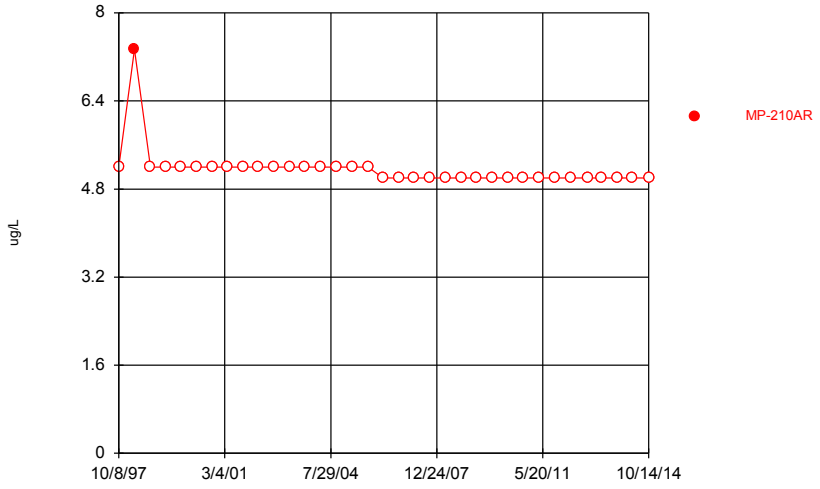

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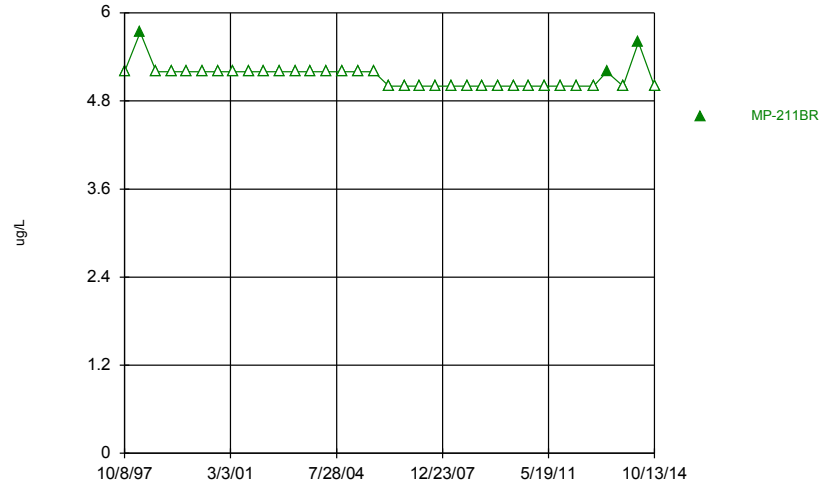

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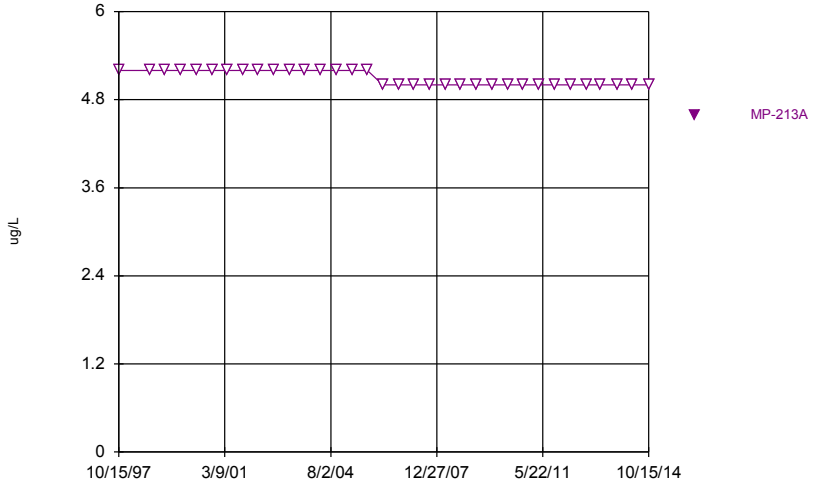

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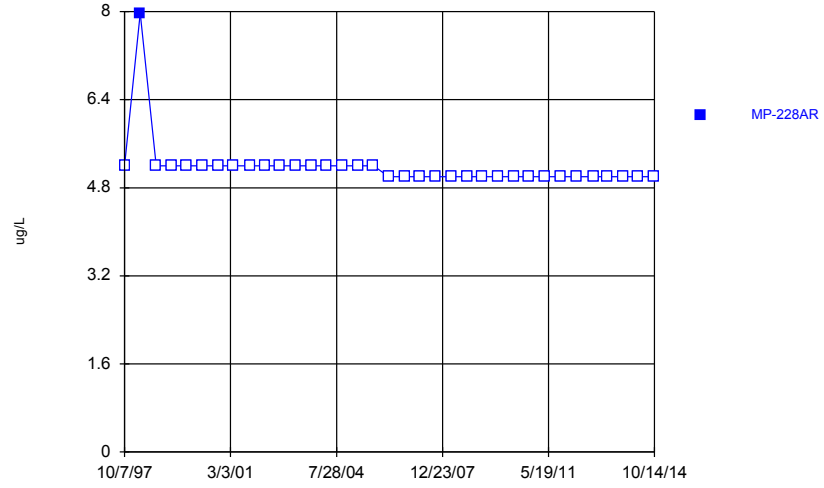

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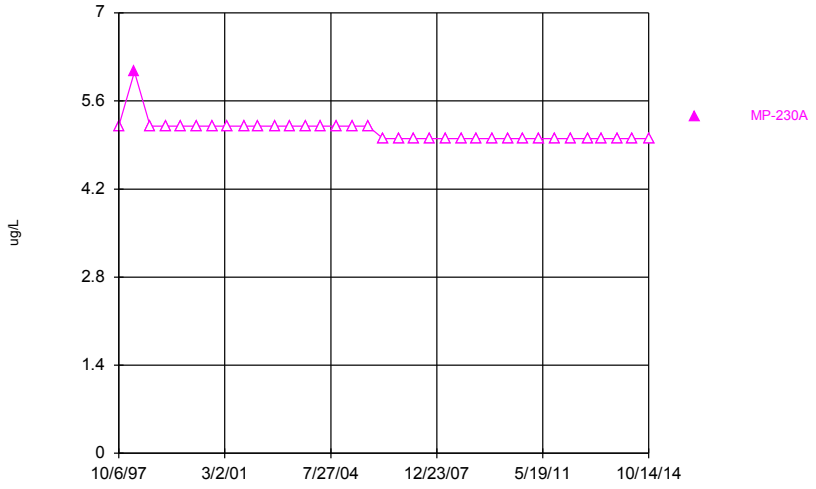

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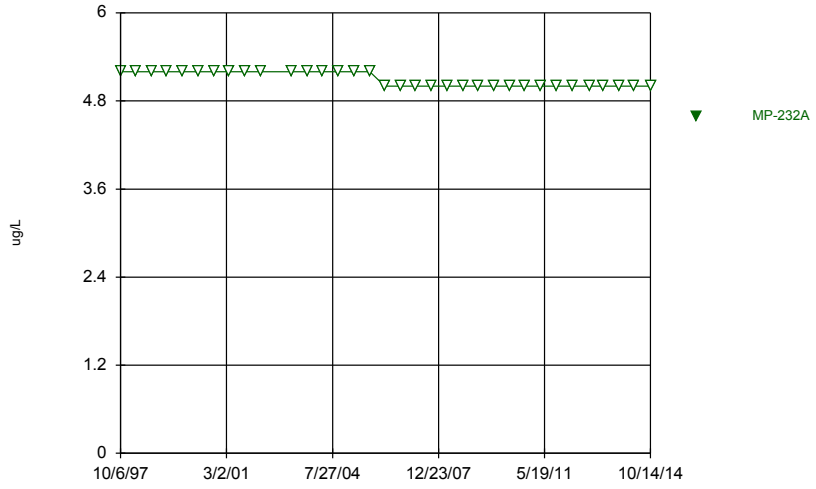

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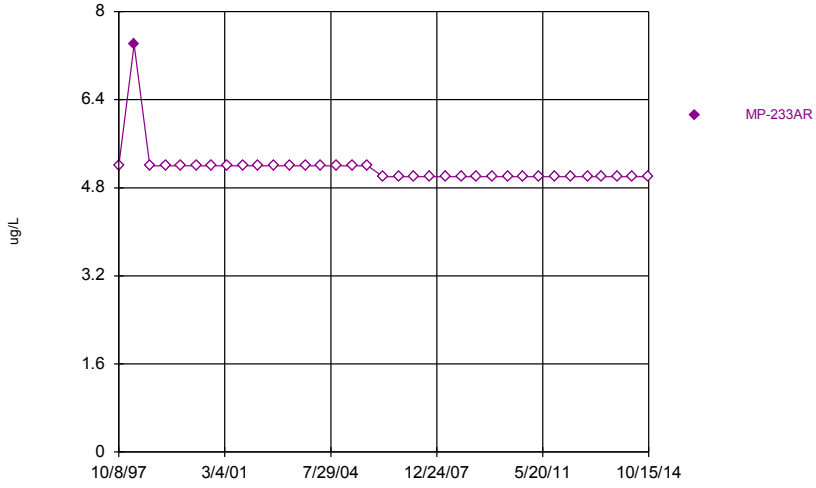

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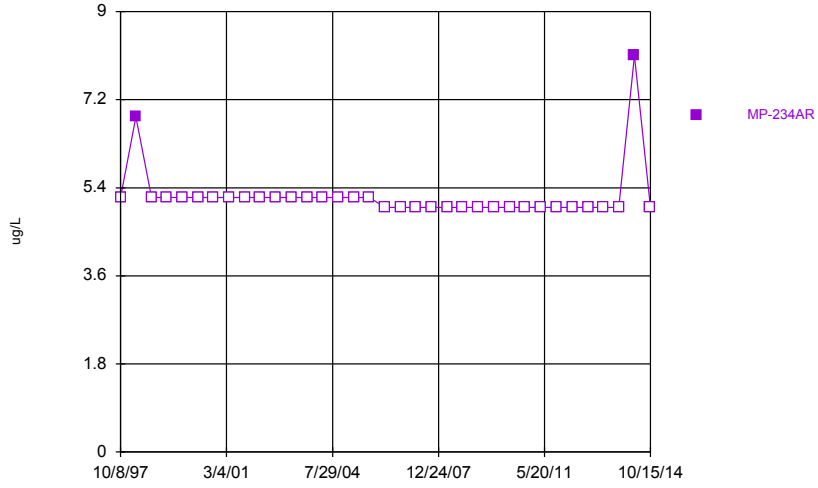

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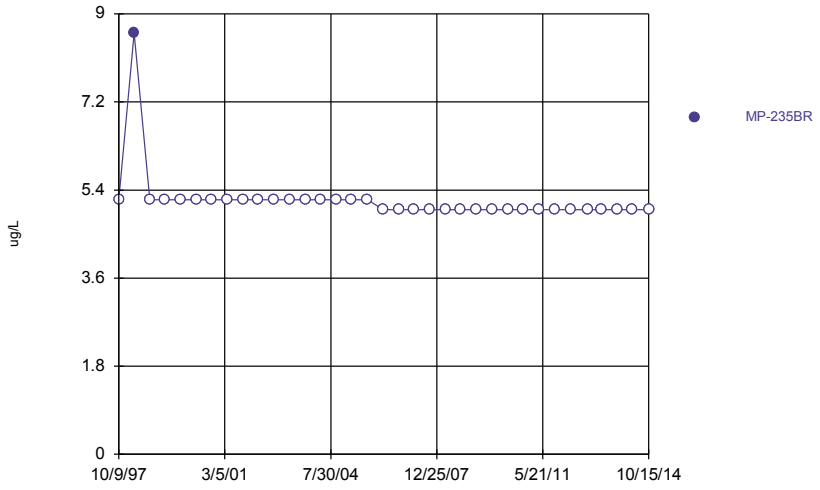

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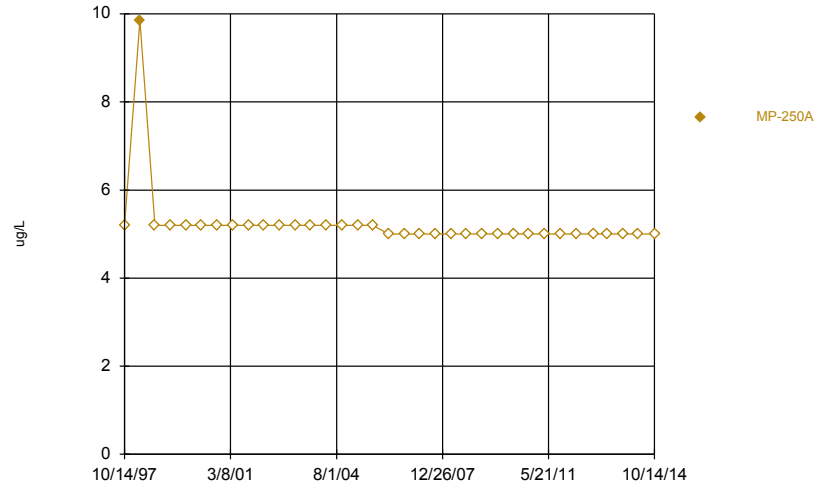

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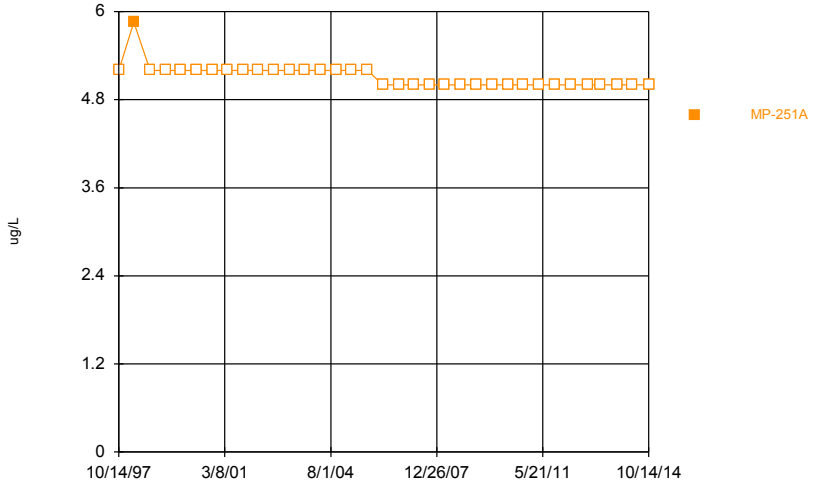

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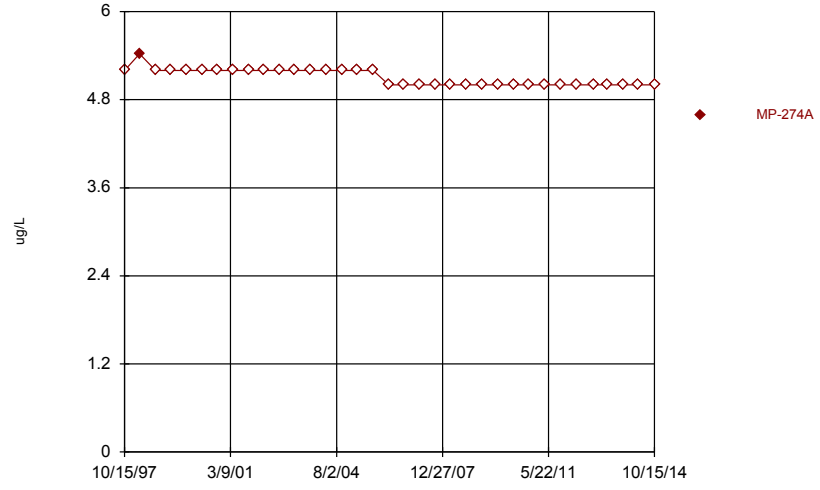

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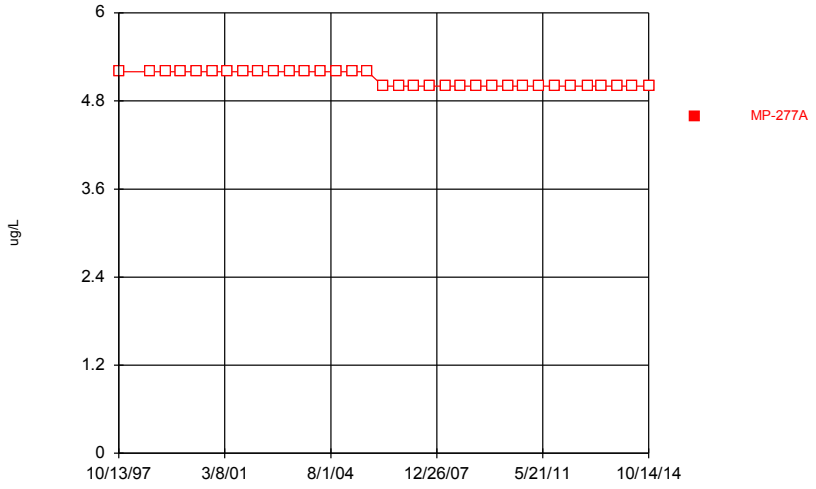

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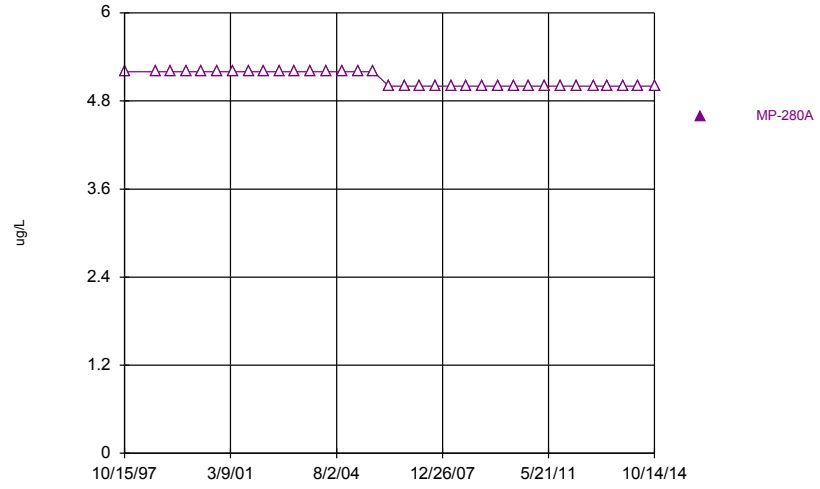

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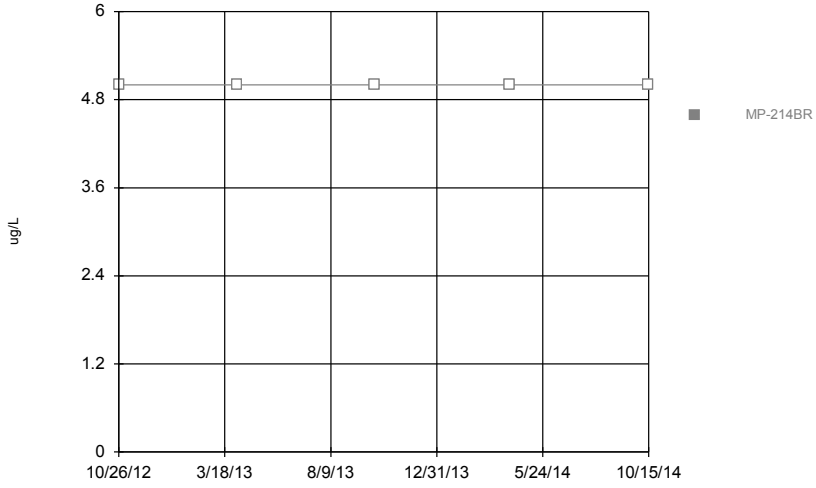

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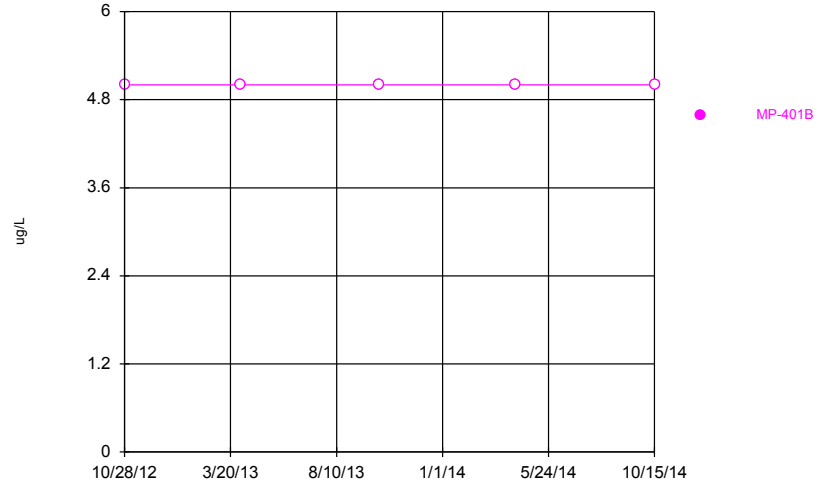

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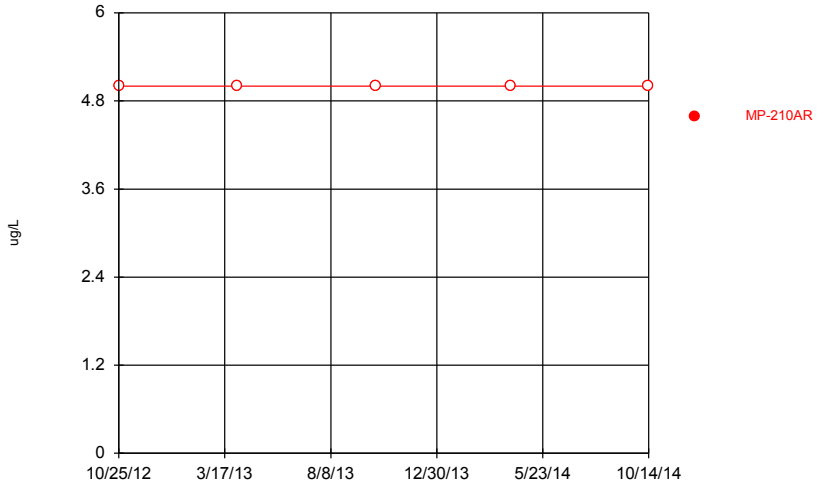

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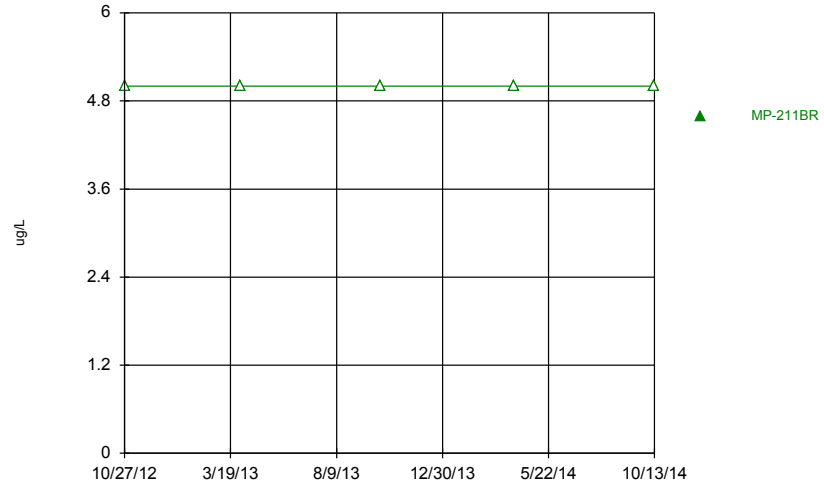

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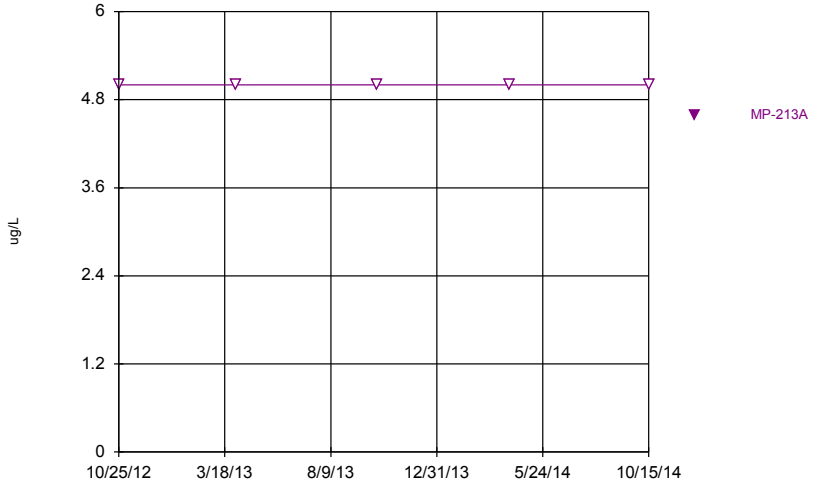

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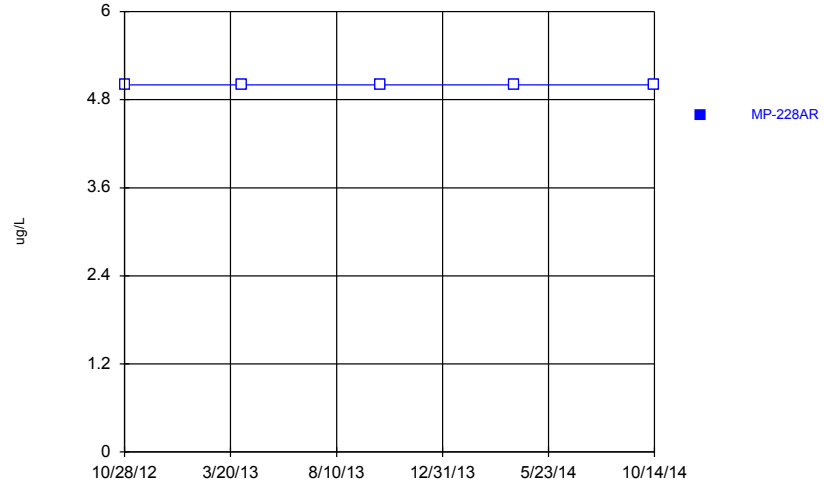

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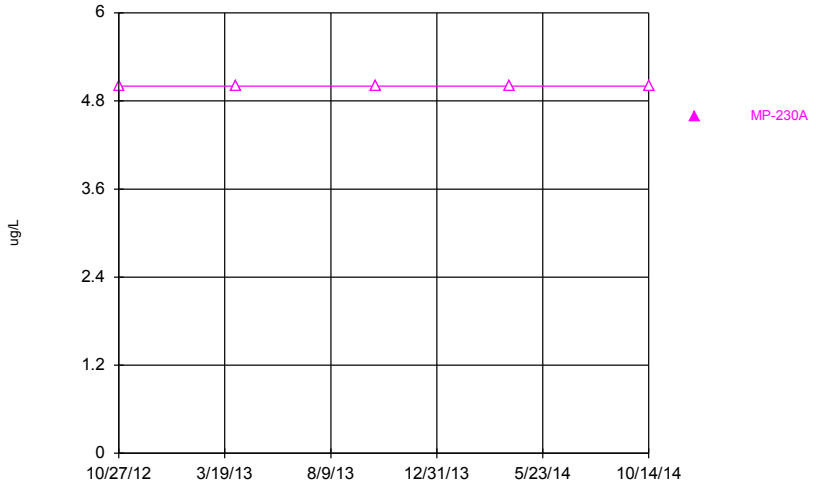

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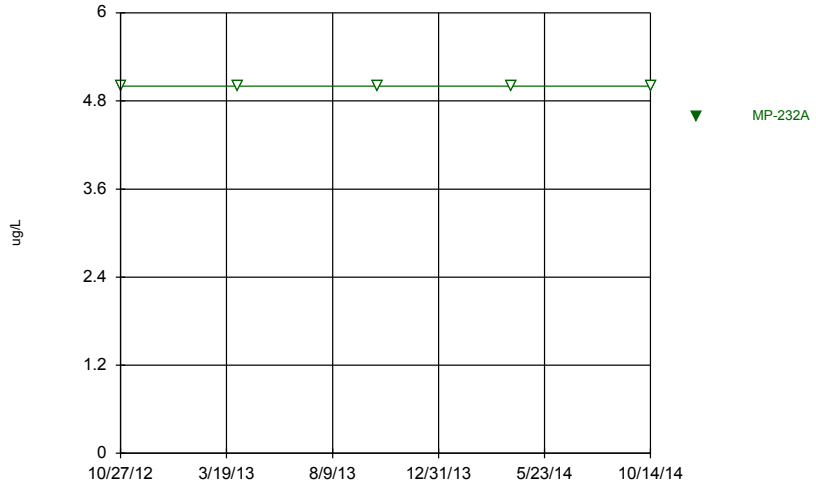

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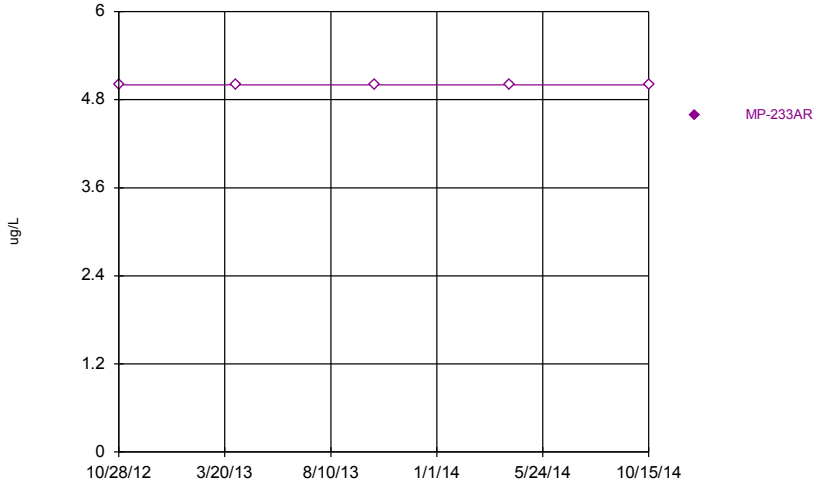

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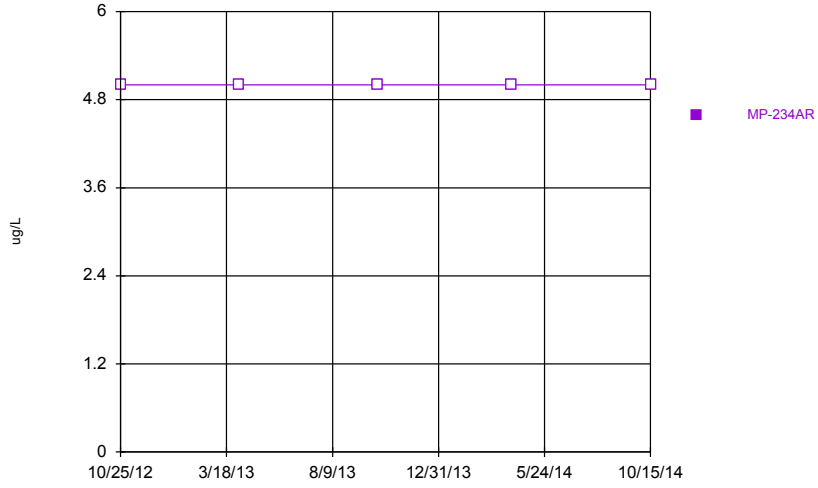

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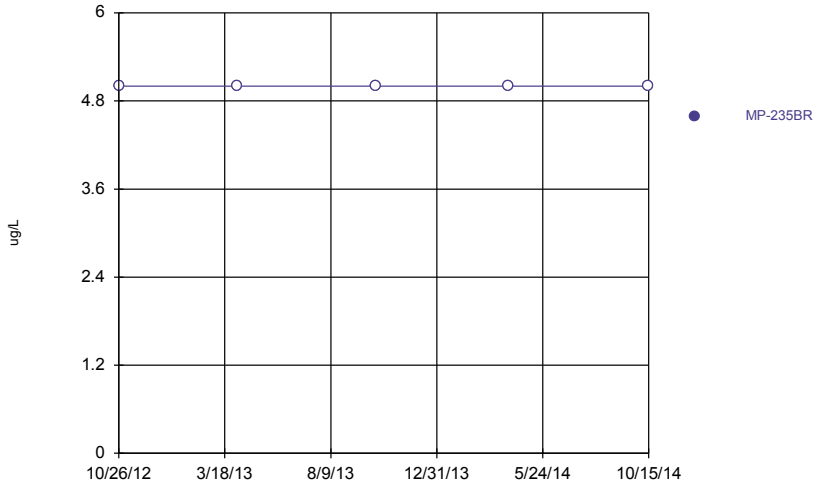

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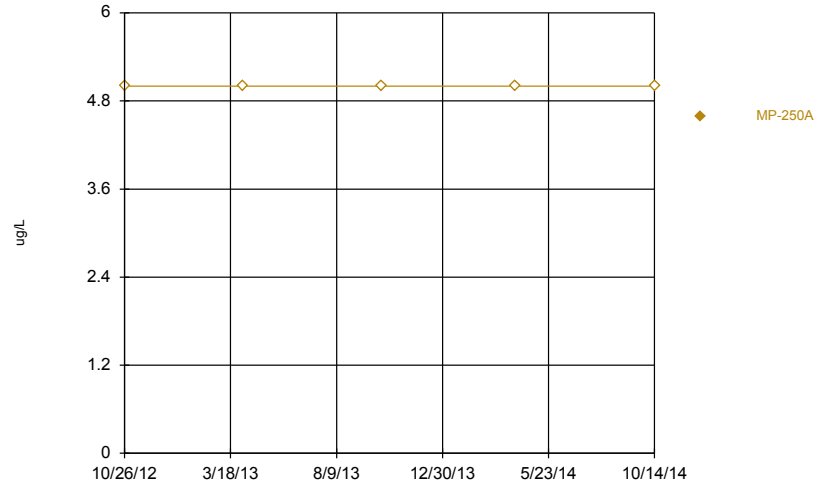

Constituent: Lead Dissolved Analysis Run 12/18/2014 11:21 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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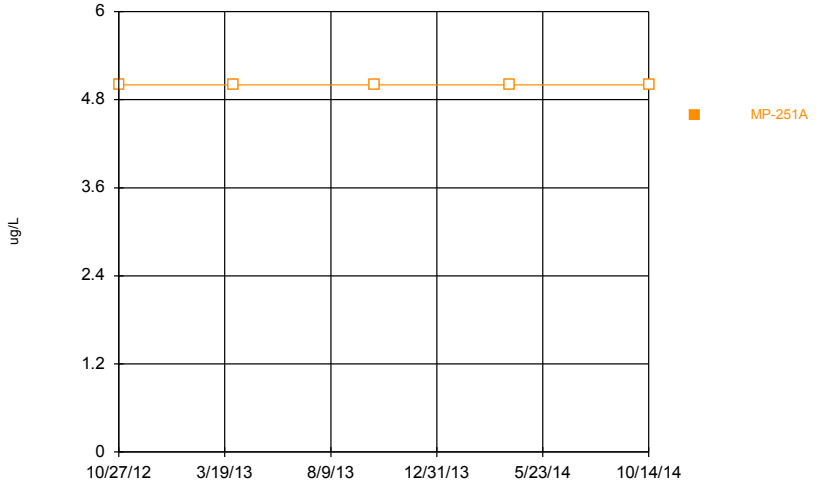

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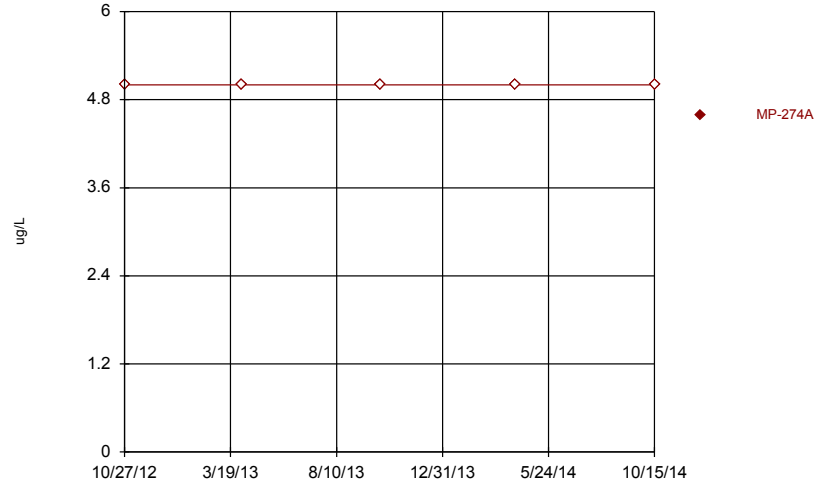

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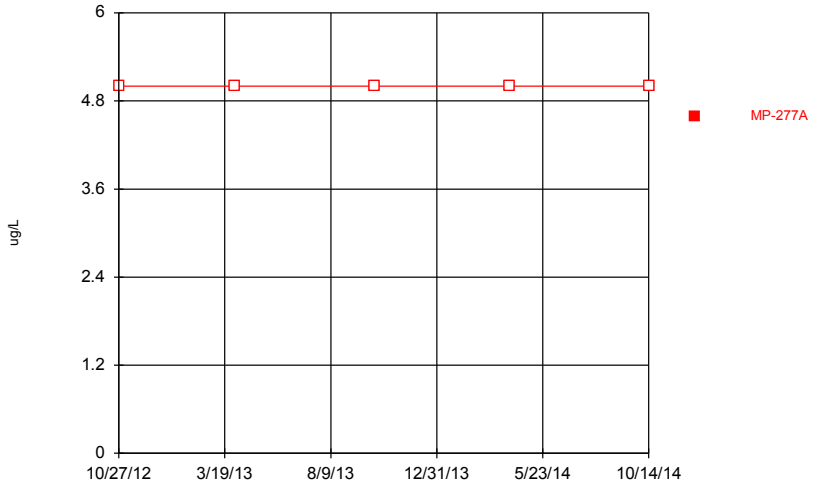

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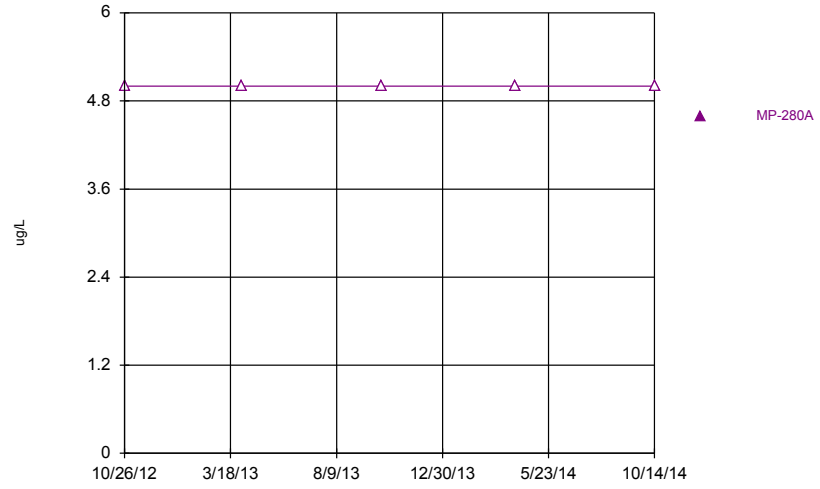

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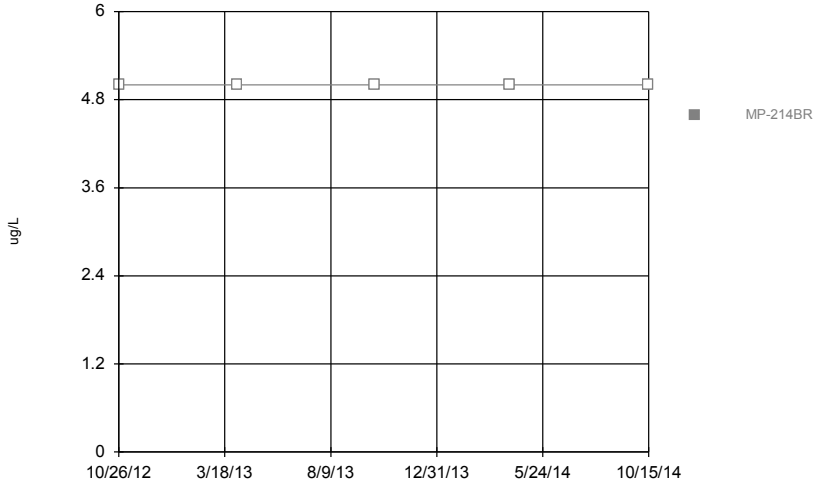

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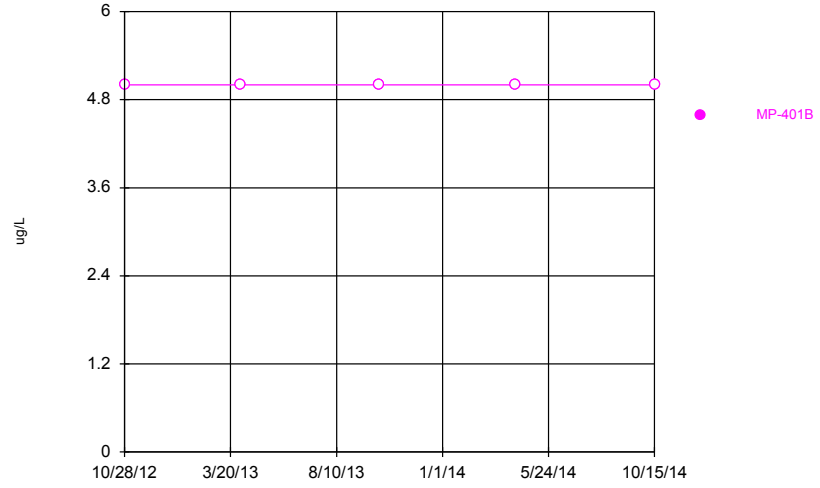

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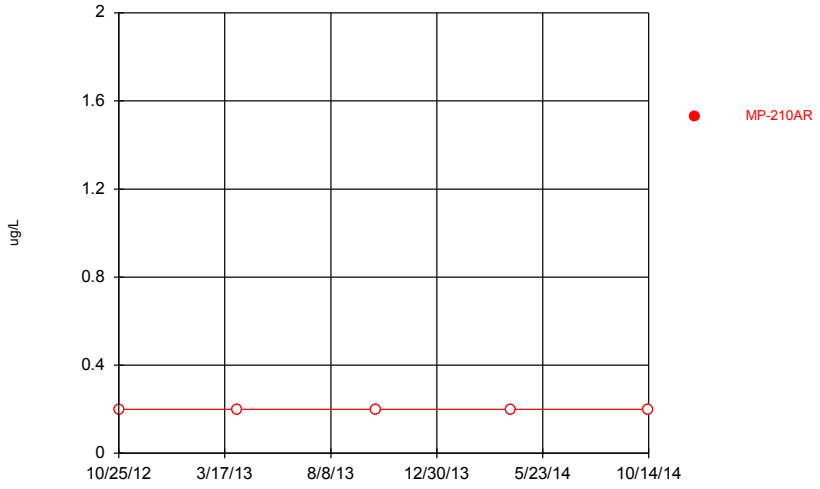

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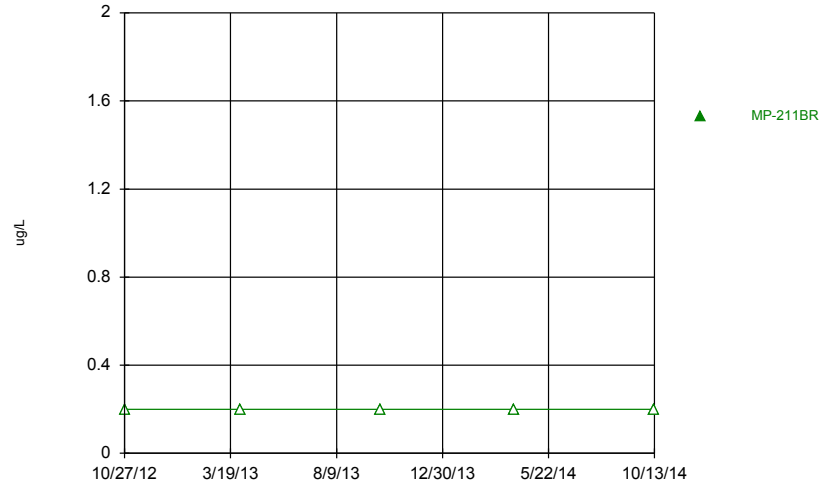

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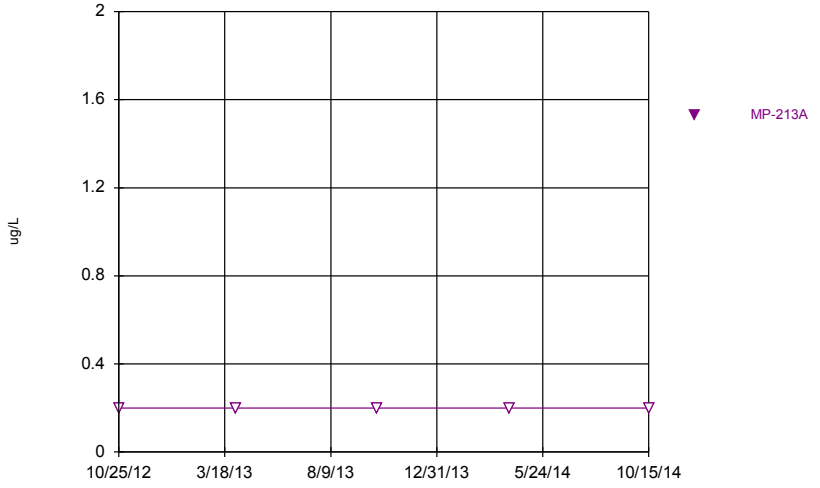

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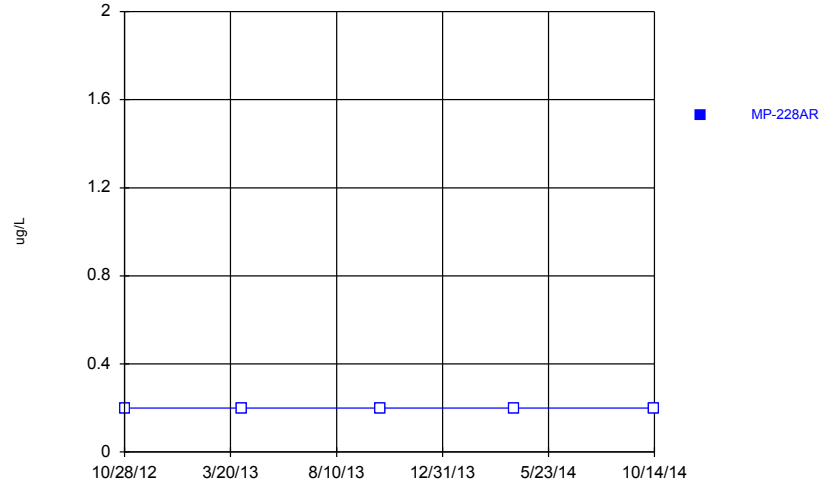

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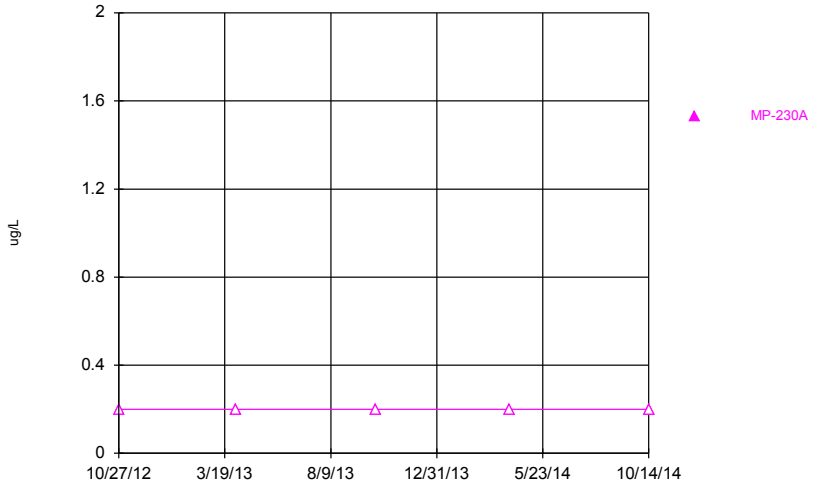

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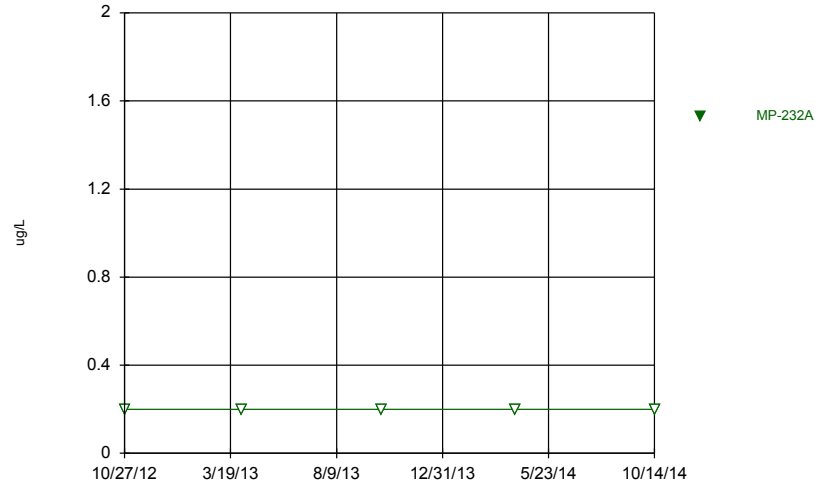

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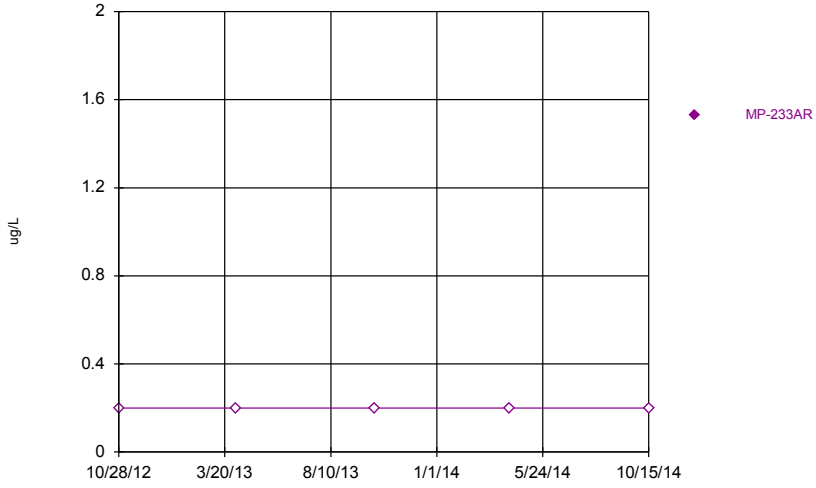

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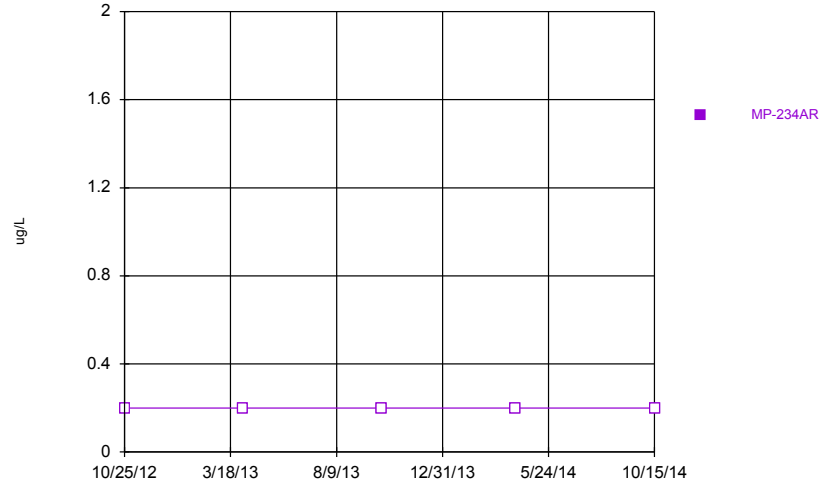

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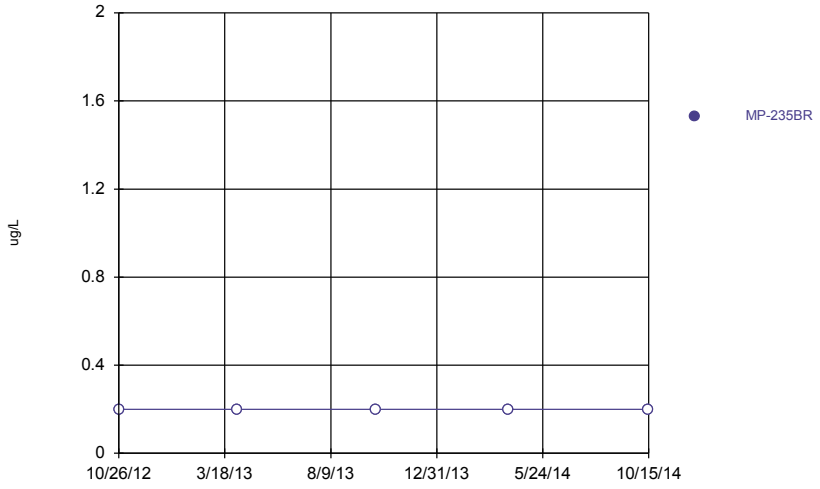

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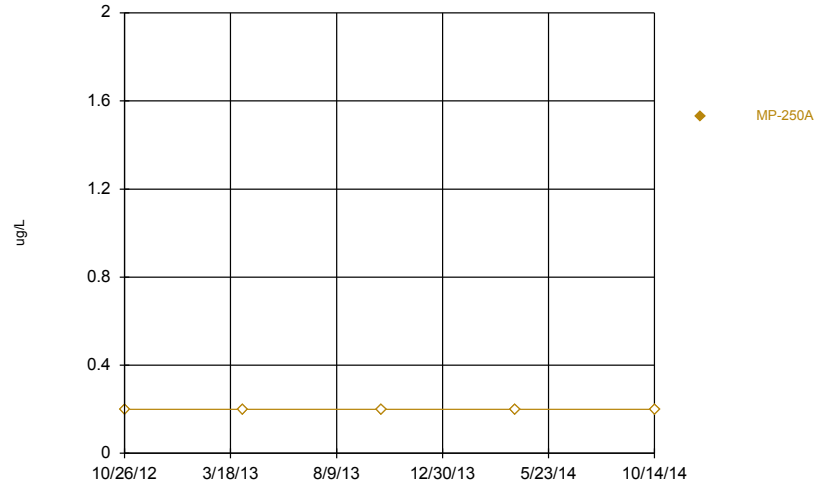

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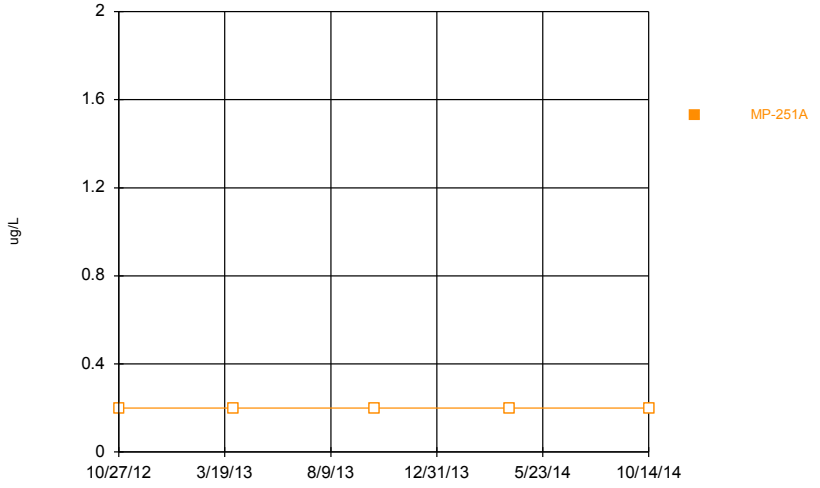

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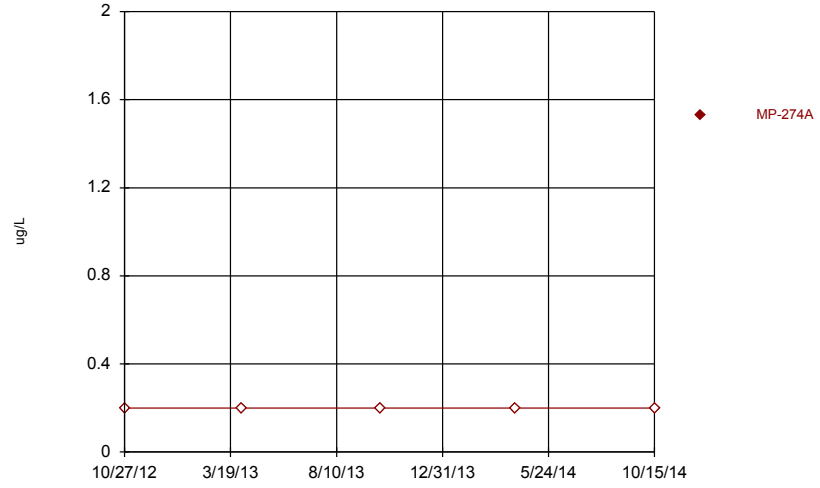

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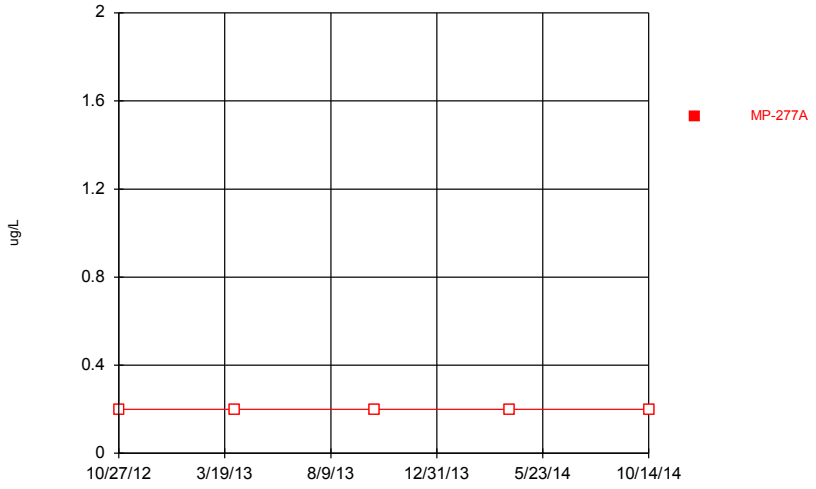

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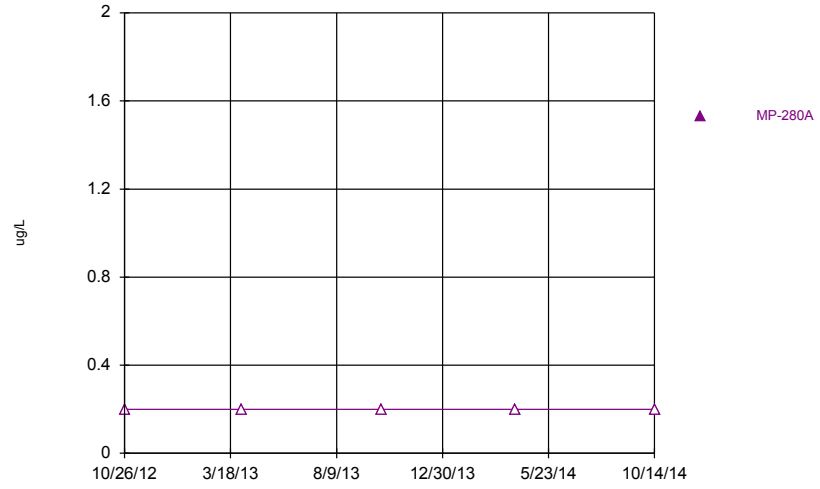

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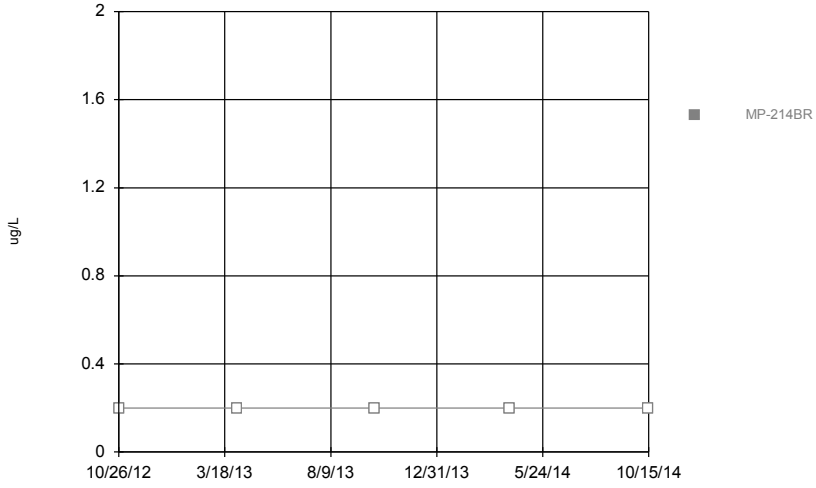

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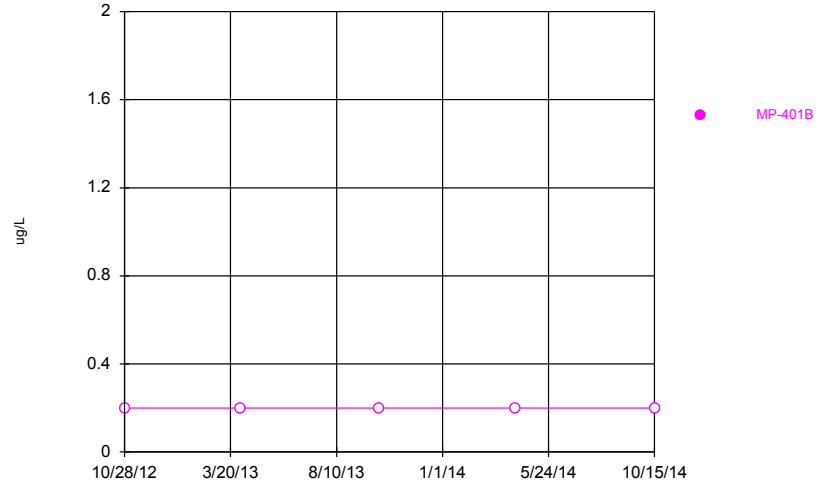

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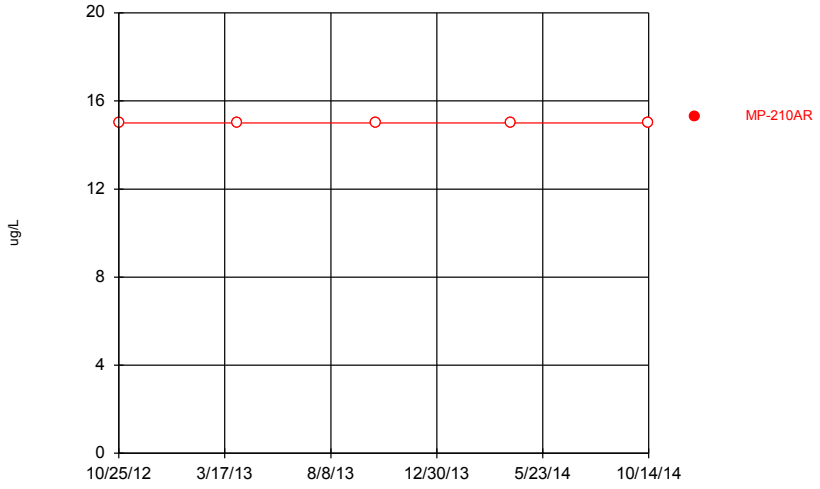

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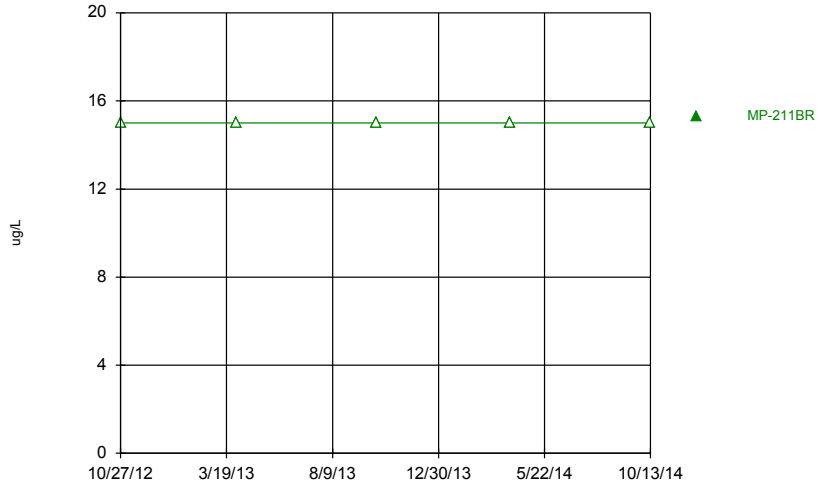

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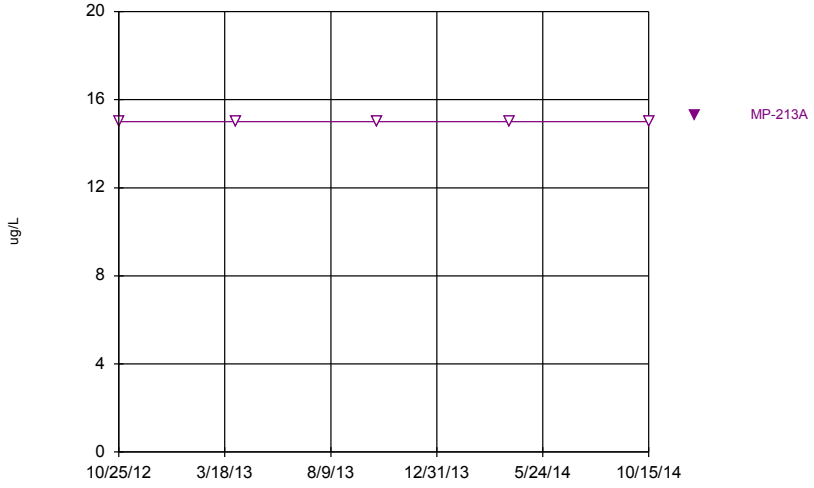

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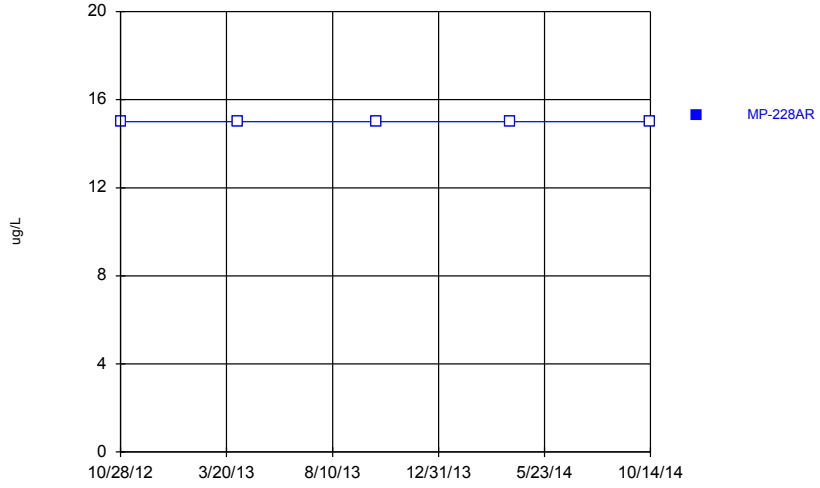

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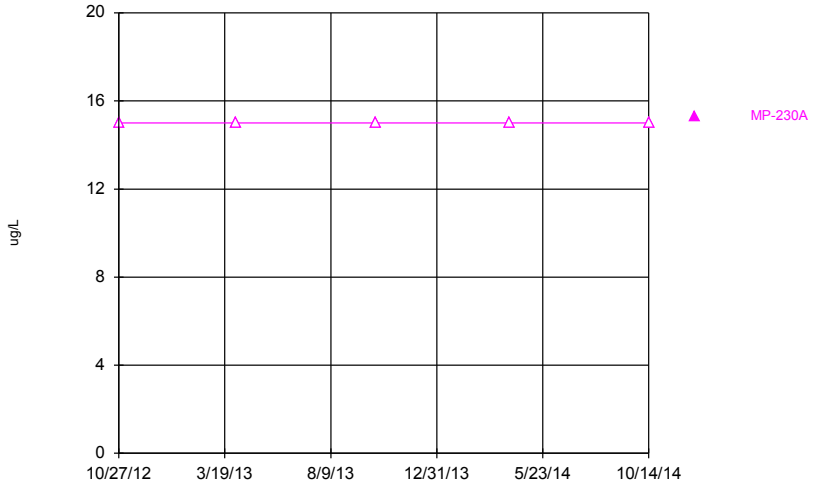

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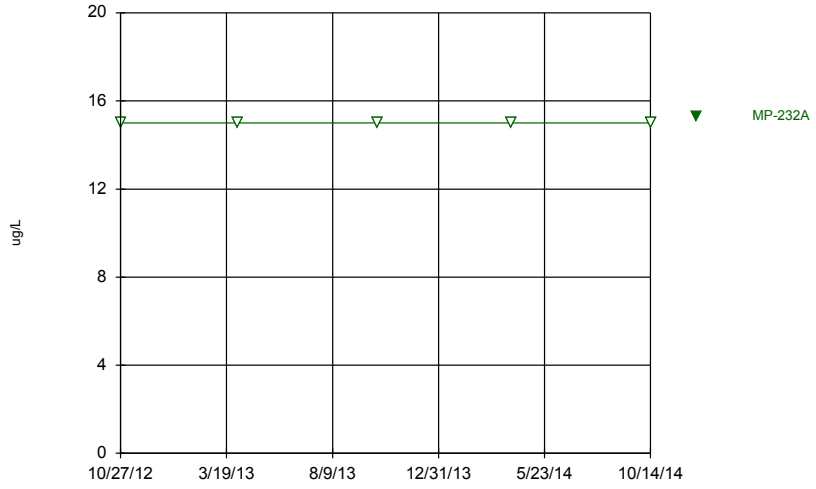

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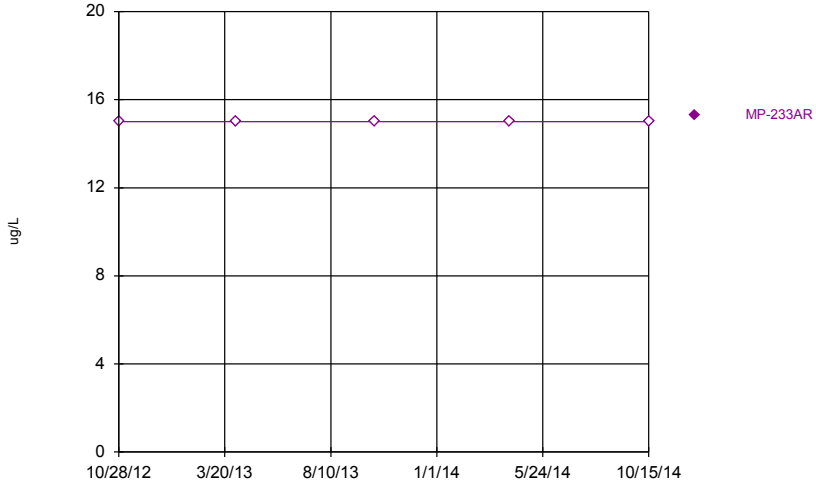

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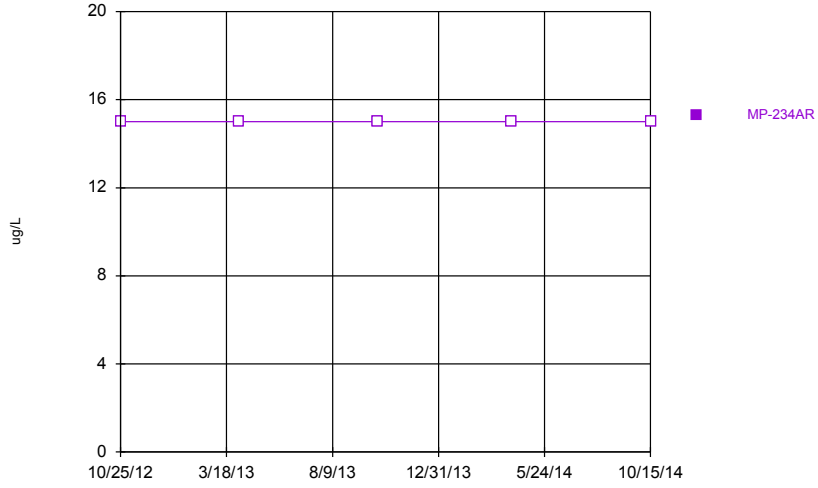

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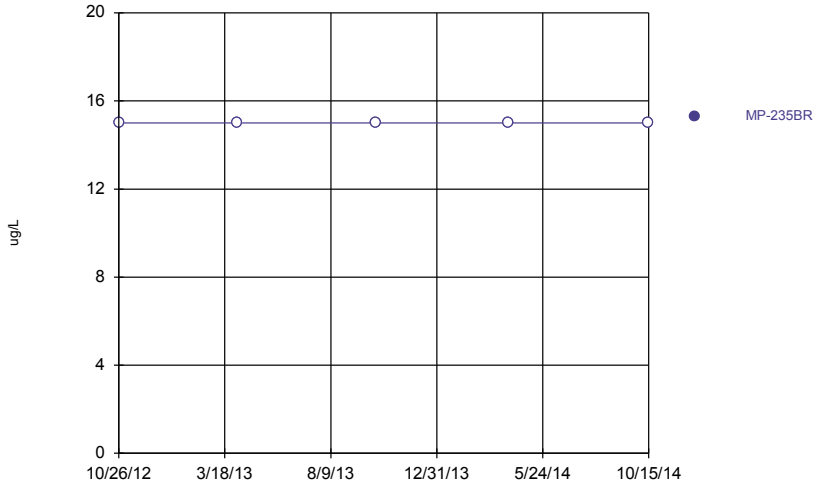

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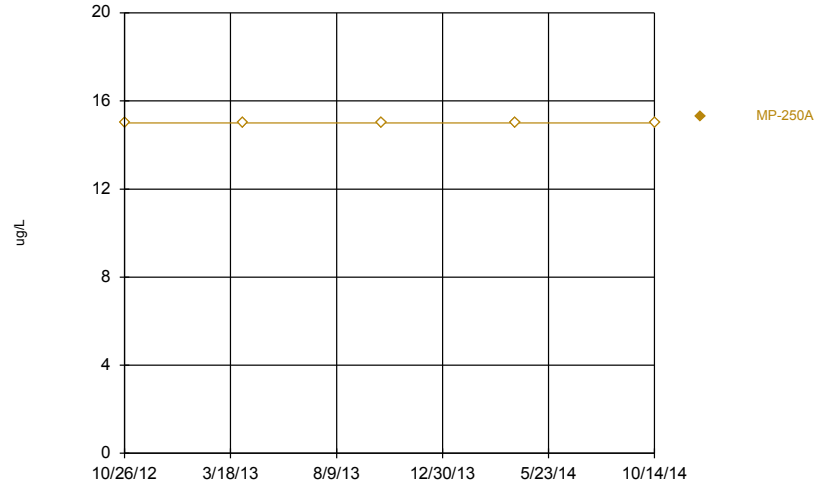

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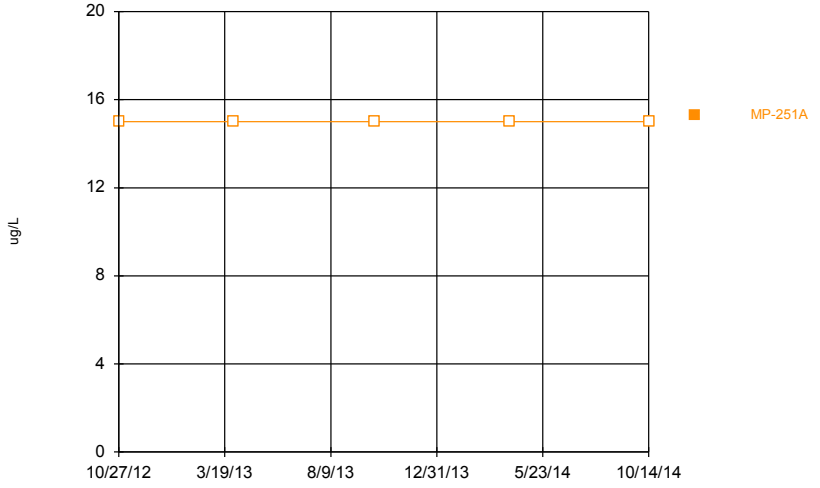

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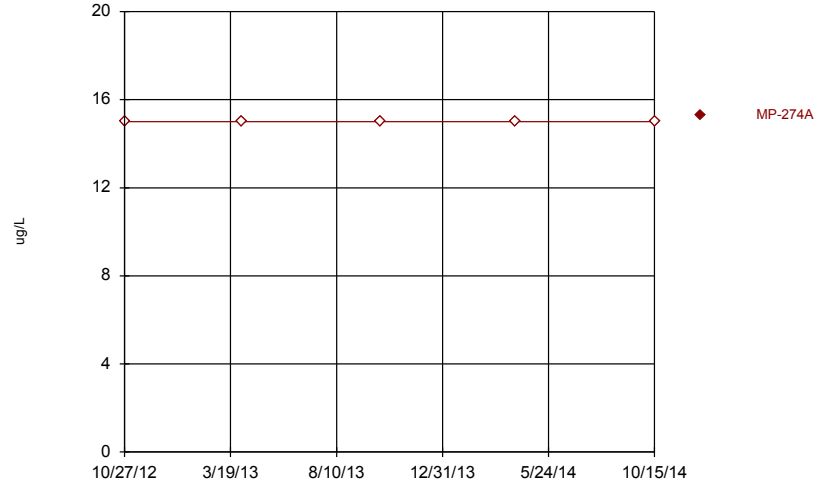

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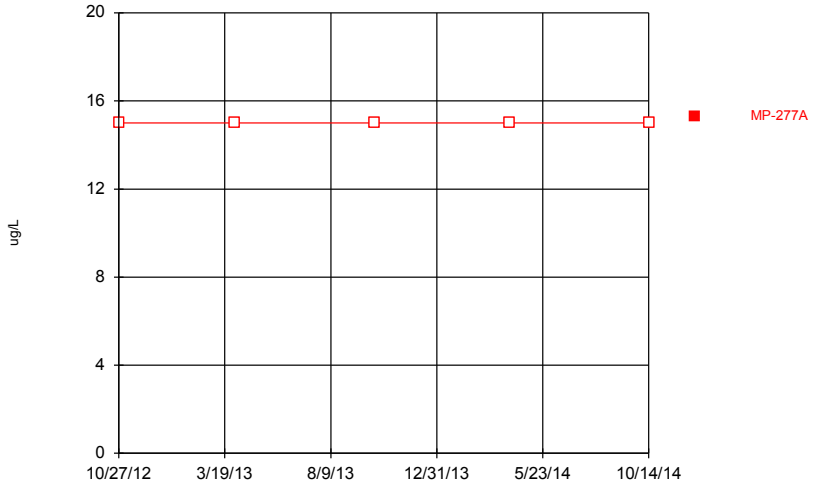

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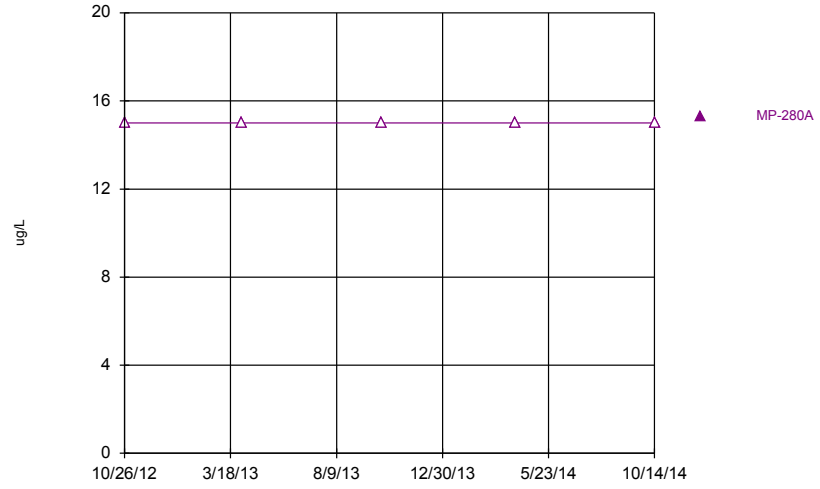

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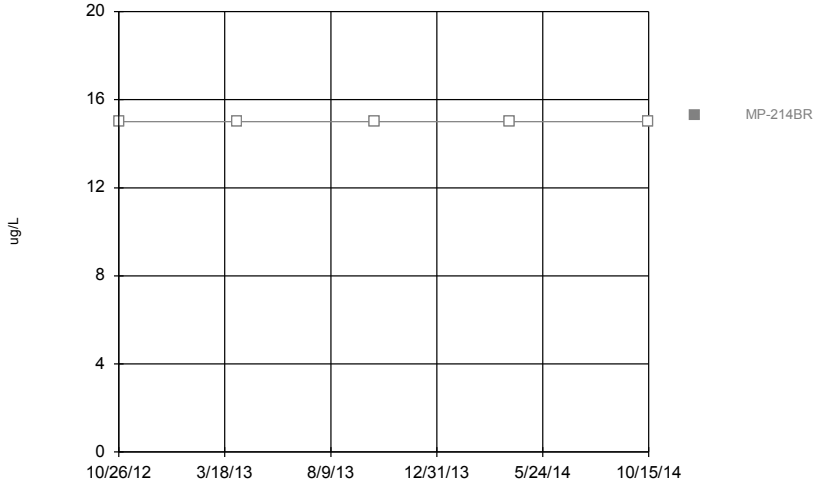

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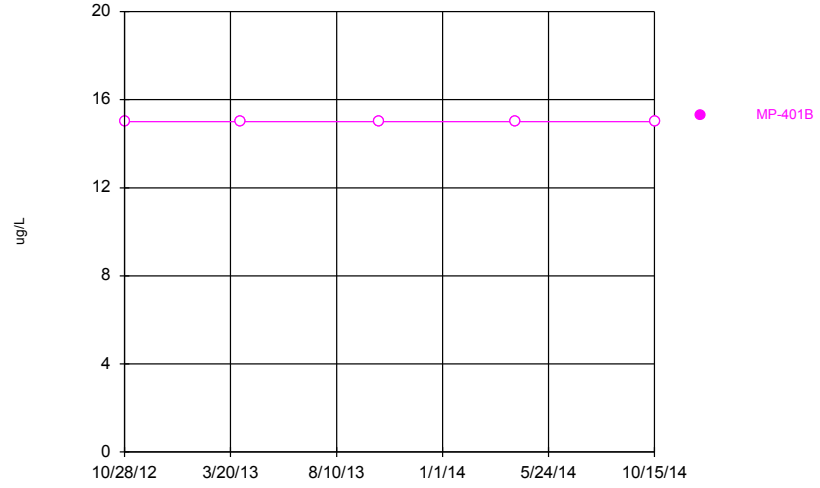
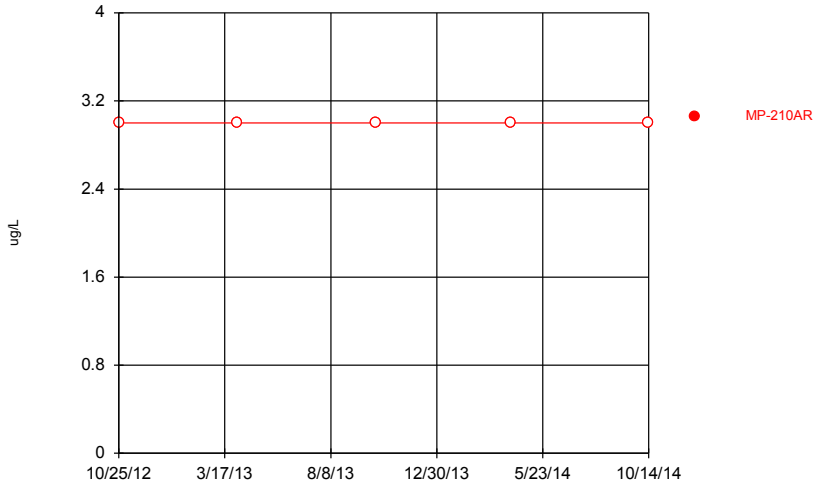
Time Series



Constituent: Selenium Dissolved Analysis Run 12/18/2014 11:21 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Silver Dissolved Analysis Run 12/18/2014 11:21 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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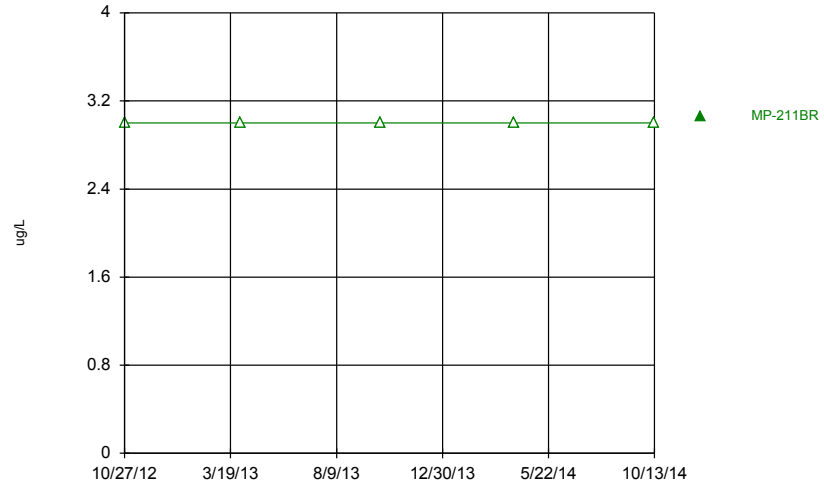
Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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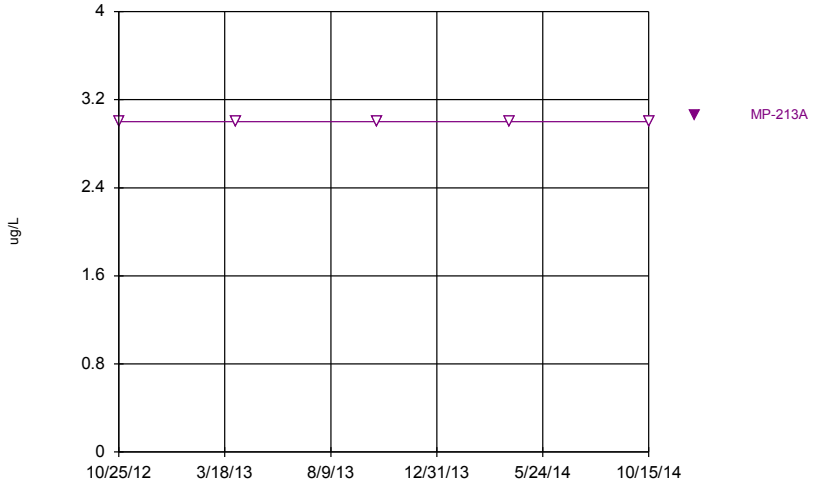
Time Series



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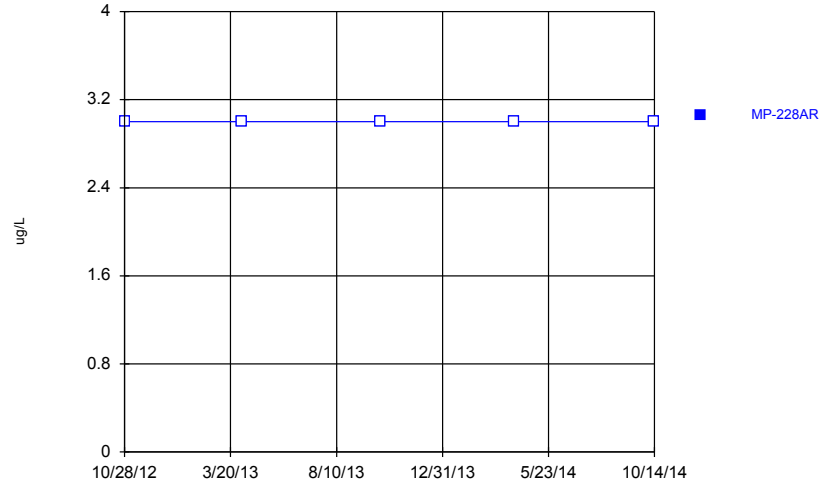
Time Series



Constituent: Silver Dissolved Analysis Run 12/18/2014 11:22 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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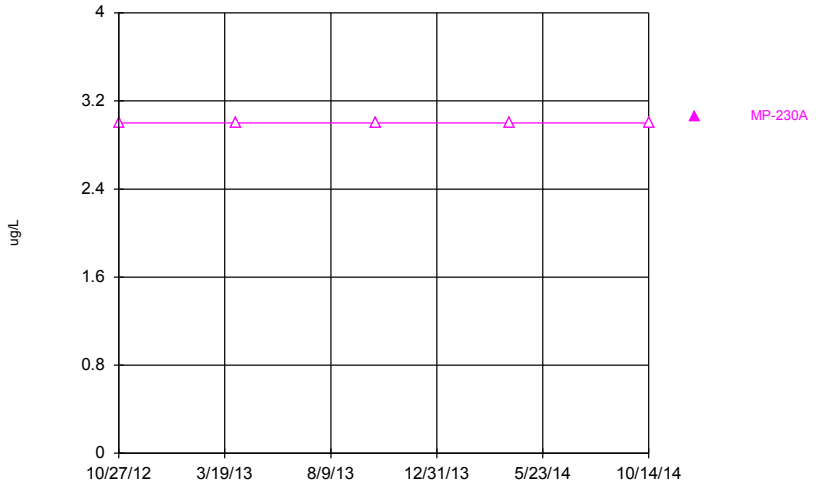
Time Series



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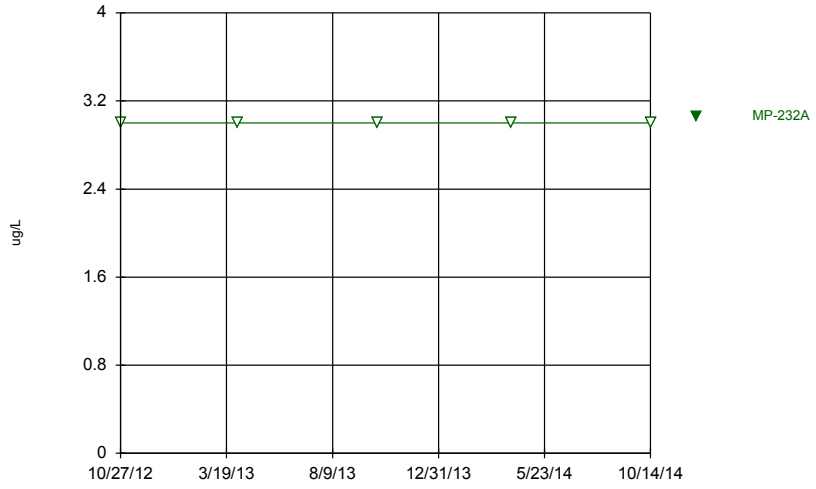
Time Series



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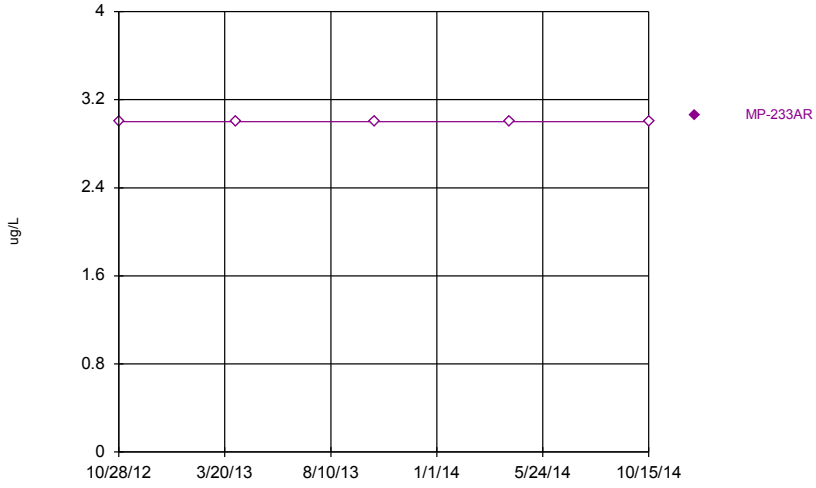

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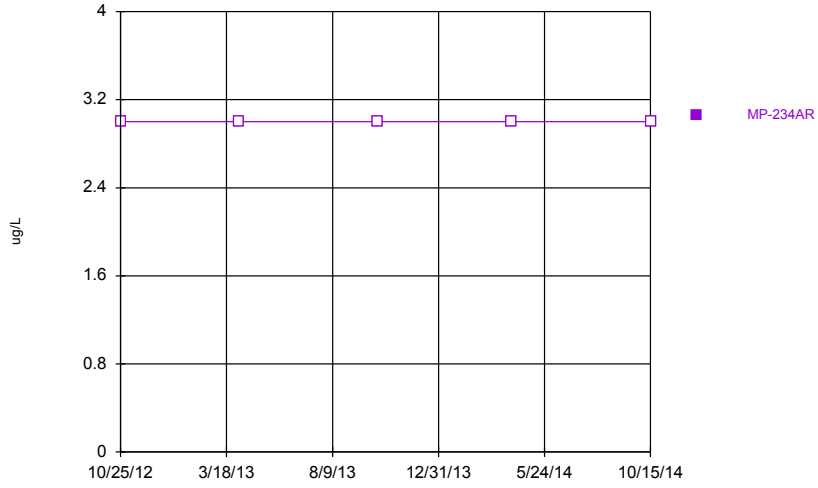

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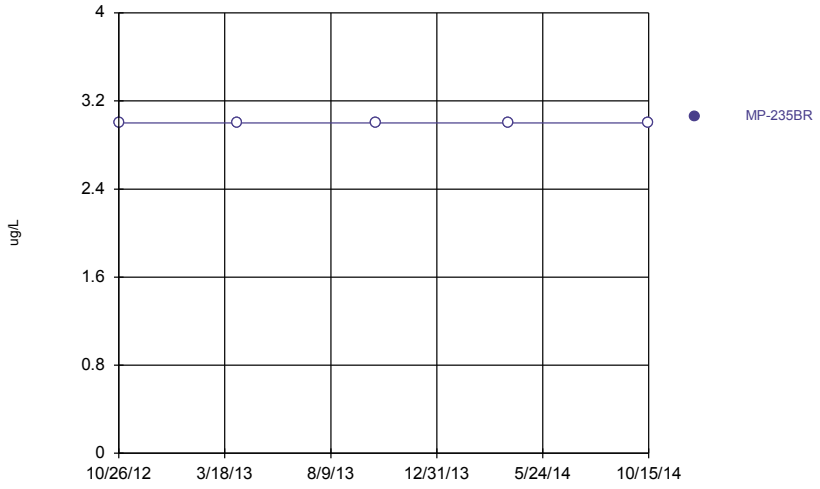

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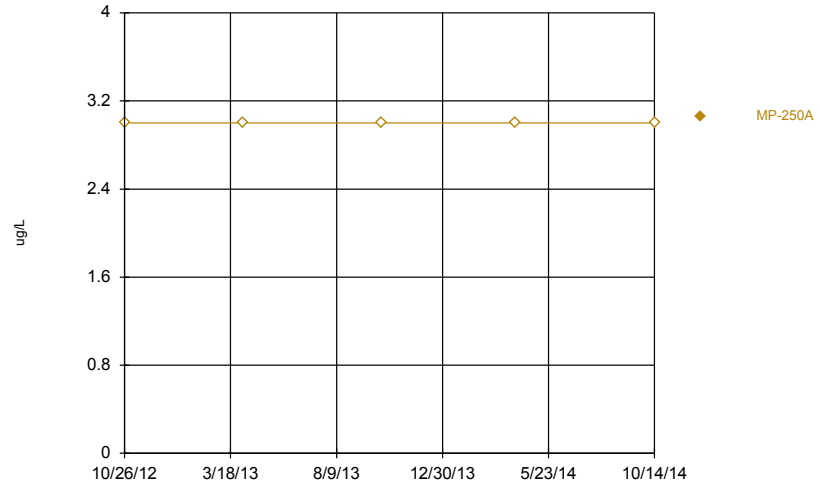

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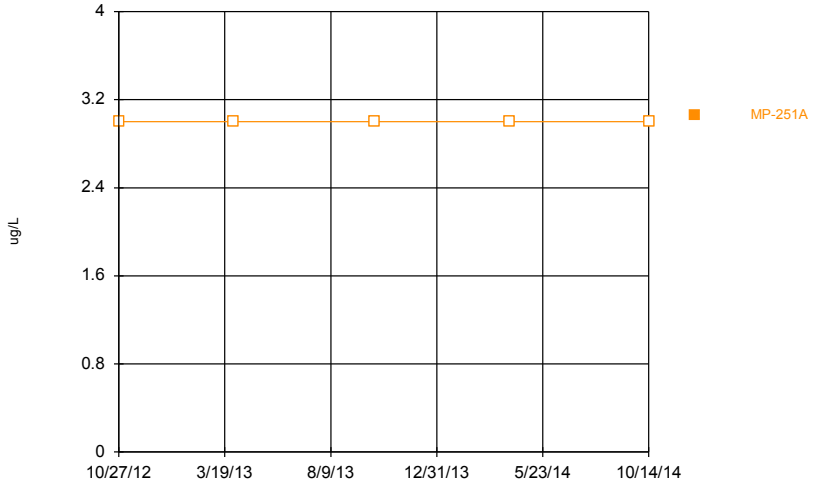

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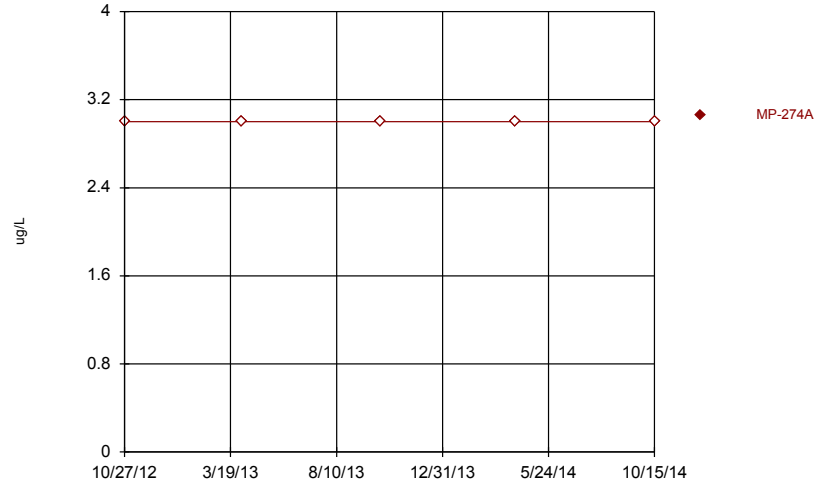
Time Series



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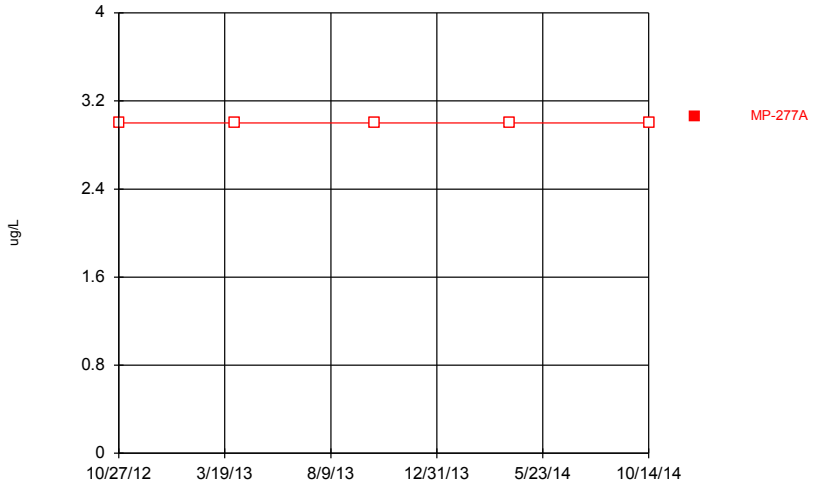

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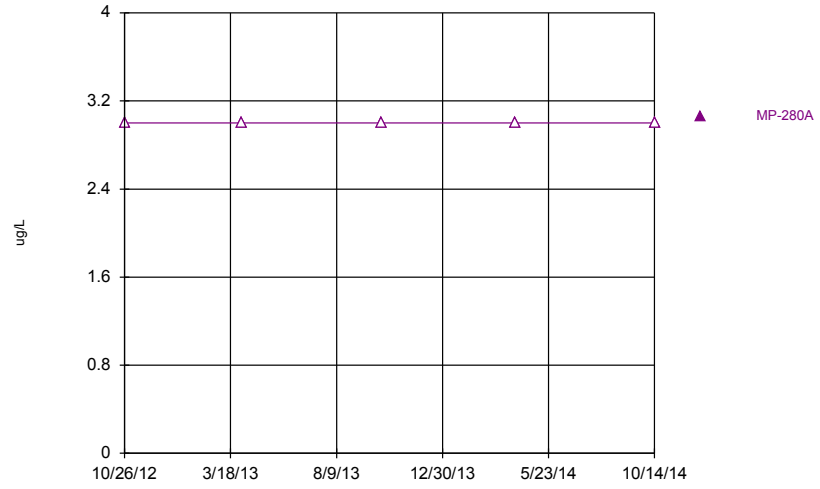

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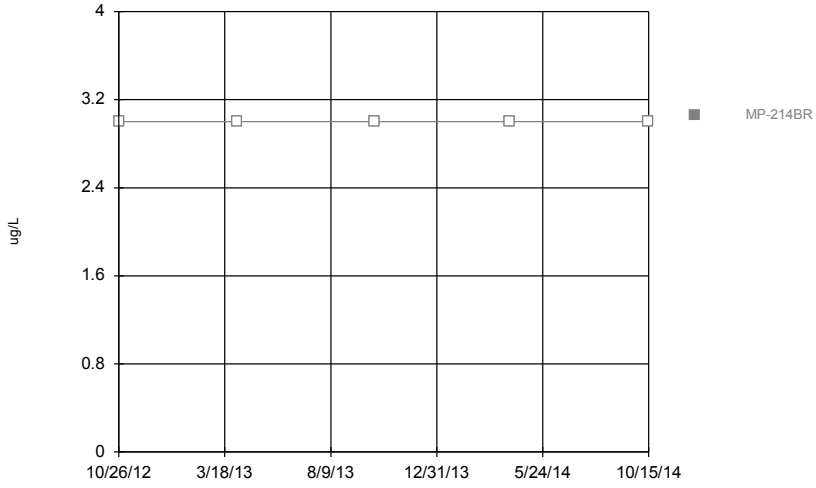

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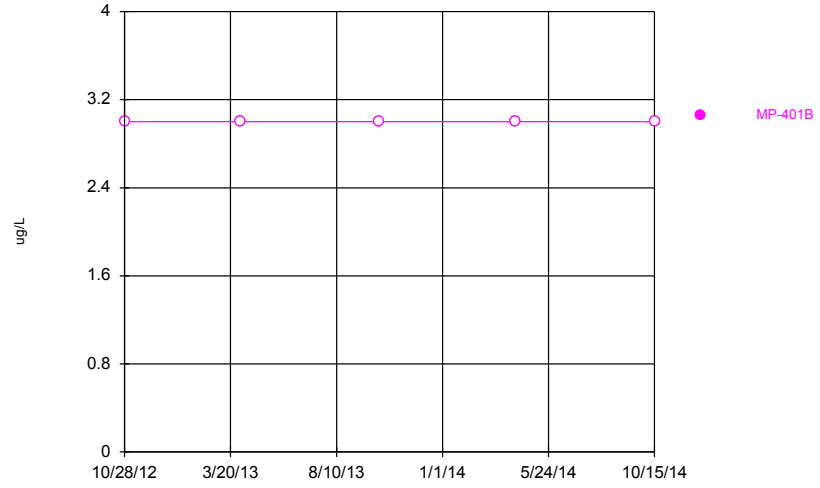

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