DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Herst Environmental Services LLC

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Ward Herst Phone: (636) 939-9111

E-mail: herstenvserv@gmail.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
BFI Waste Systems of North America, Inc. - Charlotte Motor Speedway, Landfill V	5105 Morehead Road, Concord, NC 28027	13-04	.1600	October 22 - 25, 2013

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☐ Detection Monitoring ☒ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☒ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify) _____

Notification attached?

☐ No. No groundwater or surface water standards were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Ward Herst — Professional Geologist — (636) 939-9111

Facility Representative Name (Print) — Title — (Area Code) Telephone Number

Signature — Date: 1/9/14

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 1893 GEOLOGIST WARD HERST 1/9/14

4631 North St. Peters Parkway, St. Charles, MO 63304

Facility Representative Address

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009

Groundwater
Statistical Analysis Report

Second Semi-Annual 2013
Sampling Event

Charlotte Motor Speedway, Landfill V
Concord, North Carolina
Permit No. 13-04

January 2014

HERST & ASSOCIATES, INC.®

4631 North St. Peters Parkway
St. Charles, Missouri 63304
Telephone: (636) 939-9111
Facsimile: (636) 939-9757

HERST & ASSOCIATES, INC.®

TABLE OF CONTENTS

1.0 INTRODUCTION 1

2.0 SITE BACKGROUND AND MONITORING NETWORK 1

3.0 SITE HYDROGEOLOGY 1

4.0 DATA EVALUATION 1

5.0 STATISTICAL PROCEDURES 2

5.1 Inter-Well Prediction Intervals 2

5.2 Intra-Well Confidence Intervals 3

5.3 Statistical Results Summary 4

6.0 ASSESSMENT MONITORING STATUS 4

TABLES

Table 1 Wells Analyzed
Table 2 Organic Detections
Table 3 Second Semi-Annual 2013 Event Data Compared to GWPSs
Table 4 Surface Water Data Compared to NC 2B Standards
Table 5 Inter-Well Prediction Limit Exceedances
Table 6 Water Quality Assessment Wells Data Compared to GWPSs

APPENDICES

Appendix A Potentiometric Surface Map
Appendix B Statistical Evaluations
Appendix C Laboratory Analytical Reports & Field Information Forms

1.0 INTRODUCTION

On behalf of BFI Waste Systems of North America, Inc.-Charlotte Motor Speedway, Landfill V, Herst & Associates, Inc. statistically evaluated the Second Semi-Annual 2013 groundwater data. Sampling was performed by Analytical Services, Inc. (ASI) and analytical testing was performed by ASI. The statistical analysis software package utilized, *Sanitas*™, follows a documented decision logic that incorporates the following guidance document: USEPA "Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance" (March 2009).

2.0 SITE BACKGROUND AND MONITORING NETWORK

Herst & Associates, Inc. statistically evaluated parameters from the Second Semi-Annual 2013 event, using inter-well prediction interval analysis. Prediction intervals are considered a powerful tool for groundwater statistical analysis, when feasible, due to their inherent low false negative and false positive rates utilizing confirmatory resampling, if necessary.

Background for this report is defined as all samples taken from each upgradient well. Table 1 lists the wells analyzed in this report.

3.0 SITE HYDROGEOLOGY

Previous site investigations indicate that groundwater is present in either the saprolite, Piedmont weathered rock, or bedrock depending on location, however, the groundwater surface occurs primarily in the saprolite and weathered rock. Data suggests hydraulic connection between these units, which form the uppermost aquifer. Generally, data indicate that the groundwater flow is principally within the saprolite and Piedmont weathered rock, in the direction of the Rocky River. Locally, the vertical component of the groundwater flow may be slightly downward in topographic high areas and slightly upward in topographic low areas. In general, the configuration of the groundwater surface is similar to the topography of the site.

Appendix A provides a potentiometric surface map for the site utilizing groundwater level data from the Second Semi-Annual 2013 event. Groundwater flow direction for the Second Semi-Annual 2013 event was to the southwest, consistent with past events. Groundwater flow rate for the Second Semi-Annual 2013 event was estimated to range from 23 feet/year to 146 feet/year. Flow rate calculations are available in Appendix A.

4.0 DATA EVALUATION

The analytical results for the Second Semi-Annual 2013 event for the groundwater samples are summarized on Tables 2, 3, and 4. Table 2 provides a summary of volatile organic compounds (VOCs) detected at or above the NC Solid Waste Section Reporting Limits (SWSLs) in groundwater samples. Of the seventeen quantifiable VOC detections, twelve were above a NC Solid Waste Section Groundwater Protection Standard (NC GWPS) or NC 2L Groundwater Standard (NC 2L): 1,2-dichloroethane at MW-17; 1,4-dichlorobenzene at MW-19, MW-19A, and MW-25; benzene at MW-17, MW-17A, MW-18A, MW-19, and MW-19A; tetrachloroethene at MW-17; and vinyl chloride at MW-17 and MW-25.

As shown on Table 3, four Appendix I constituents (barium at MW-19A; cobalt at MW-12, MW-18A, MW-19A, MW-21, and MW-22; nickel at MW-19 and MW-19A; and vanadium at MW-22) were detected above an SWSL and NC GWPS/NC 2L Standard during the Second Semi-Annual 2013 sampling event.

As shown on Table 4, during the Second Semi-Annual 2013 event, no Appendix I inorganic constituents or VOCs were detected in surface water samples at quantified concentrations above their respective NC SWSLs. Therefore, no NC 2B Surface Water Standards were exceeded during the Second Semi-Annual 2013 event.

The constituents detected in the leachate sample collected during the Second Semi-Annual 2013 event are generally typical for leachate at this facility.

Appendix C contains a copy of the groundwater, surface water, and leachate laboratory analytical reports and field log sheets for the Second Semi-Annual 2013 event and May 2013 resampling event.

5.0 STATISTICAL PROCEDURES

The *Sanitas*™ program was utilized to compile and statistically evaluate the data for the Second Semi-Annual 2013 sampling event. Summary tables for the inter-well prediction interval analysis are available in Appendix B. Statistical analyses (i.e. inter-well prediction limits) were performed to establish background concentrations and determine if the NC GWPS/NC 2L value-to-value exceedances for barium at MW-19A; cobalt at MW-12, MW-18A, MW-19A, MW-21, and MW-22; nickel at MW-19 and MW-19A; and vanadium at MW-22 exhibited statistically significant increases above background.

5.1 Inter-Well Prediction Intervals

The prediction interval is a statistical method used to compare a single observation to a group of observations. The prediction interval is calculated to include observations from the same population with a specified confidence. In groundwater monitoring, a prediction interval approach may be used to make comparisons between background and compliance data. The interval is developed to contain all future observations, within a certain probability. For the Charlotte Motor Speedway V site, inter-well prediction intervals have been developed based on a 99% confidence that future observations will fall within the range. If any future observation exceeds the prediction interval, this is considered statistically significant evidence that the observation is not representative of the background group.

During parametric prediction interval analysis, the mean and the standard deviation are calculated for the raw or transformed background data. The number of comparison observations, *K*, is defined to be included in the interval. If less than 15% of the background observations are nondetects, the nondetects are replaced with one half of the reporting limit prior to performing the analysis. If more than 15% but less than 50% of the background data are below the reporting limit, the data's sample mean and standard deviation are adjusted according to the Kaplan-Meier method. However, when the background data are not transformed-normal or contain greater than 50% observations below the reporting limit, *Sanitas*™ automatically constructs a nonparametric prediction interval. During nonparametric analysis, the highest value from the background data is used to set the upper limit of the prediction interval.

For the Second Semi-Annual 2013 event, barium at MW-19A; cobalt at MW-12, MW-18A, MW-19A, MW-21, and MW-22; nickel at MW-19 and MW-19A; and vanadium at MW-22 statistically exceeded background. Table 5 provides a summary of the prediction limit exceedances. Review of the last 10 year's worth of detections for the wells/parameters on Table 5 indicates that none of the well/parameters are statistically trending upward (see Sen's Slope in Appendix B).

Included in Appendix B are time series plots for each of the inorganic parameters statistically analyzed for this reporting period.

5.2 Intra-Well Confidence Intervals

Per NCDENR Regulation .1634(H), Groundwater Protection Standards (GWPSs) are equal to the National Primary Drinking Water Standard-Maximum Contaminant Level (MCL) or North Carolina 15A NCAC 2L Water Quality Standard, whichever is lower. In instances where an MCL or 2L Standard are not established, the GWPSs were derived from the NCDENR-Solid Waste Section published GWPSs.

The Solid Waste Section Limit (SWSL) is the lowest amount of analyte in a sample that can be quantitatively determined with suitable precision and accuracy. The SWSL is the concentration below which reported analytical results must be qualified as estimated. During the Second Semi-Annual 2013 sampling event, seventeen organic results (see Table 2) were detected at or above an SWSL. During the Second Semi-Annual 2013 event, the detections are at low concentrations below respective MCLs, with the exception of benzene at MW-17 (6.3 ug/L), which exceeded the MCL (5 ug/L) for the first time. Wells directly downgradient of MW-17 (MW-33 and MW-34) do not have organic detections. During the Second Semi-Annual 2013 event, the following twelve organic results were detected at or above an SWSL and exceeded a respective NCAC 2L Standard: 1,2-dichloroethane at MW-17; 1,4-dichlorobenzene at MW-19, MW-19A, and MW-25; benzene at MW-17, MW-17A, MW-18A, MW-19, and MW-19A; tetrachloroethene at MW-17; and vinyl chloride at MW-17 and MW-25.

Time series plots for the Second Semi-Annual 2013 organic detections at or above SWSLs are available in Appendix B.

Table 3 provides a comparison table of the Second Semi-Annual 2013 results to the GWPSs.

In order to determine if the groundwater concentrations exhibit a statistical exceedance of the GWPS, a statistical comparison was made to the GWPSs to determine if further action is warranted. The following text outlines the procedures that were used to statistically compare concentrations to GWPSs.

Per the U.S. Environmental Protection Agency document (dated March 2009), titled *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance*, a Confidence Interval is constructed from sample data and is designed to contain the mean concentration of a well analyte in groundwater monitoring, with a designated level of confidence. A confidence interval generally is used when samples are being compared to a GWPS, which is typically the MCL or alternate concentration limit (i.e. 2L Standard or NC GWPS).

A lower confidence interval analysis was used to statistically compare to GWPSs. The method constructs a normal confidence interval on the mean concentration of a constituent incorporating, at a minimum, the four most recent measurements. The lower confidence interval on the mean was compared to the GWPS to determine whether the mean concentration exceeded its GWPS. If the lower confidence interval on the mean exceeds the GWPS then there is statistically significant evidence that the mean concentration of that constituent exceeds the GWPS.

The distribution of the data is evaluated by applying the Shapiro-Wilk or Shapiro-Francia test for normality to the raw data or, when applicable, transformed data. If less than 15 percent of the observations are non-detects, the non-detects will be replaced with one half the reporting limit prior to performing the normality test and constructing the confidence limit.

Per .1634(g)(5), if background (statistical limit based on upgradient well data) is higher than the NC 2L Standard, then background may be utilized as the GWPS. Background for organics is considered the non-detect level (equivalent to the SWSL). The following is a summary of background data that was utilized as the GWPS:

- The SWSL (1.0 ug/L) for 1,2-dichloroethane and vinyl chloride is higher than the 2L Standard (0.4 ug/L and 0.03 ug/L, respectively); therefore the SWSL (1.0 ug/L) was utilized as the GWPS for 1,2-dichloroethane and vinyl chloride.
- Background for total antimony (15 ug/L) is higher than the NC GWPS (1 ug/L), therefore 15 ug/L was utilized as the GWPS as outlined in .1634(g)(5).
- Background for total cadmium (5 ug/L) is higher than the NC 2L Standard (2 ug/L), therefore 5 ug/L was utilized as the GWPS as outlined in .1634(g)(5).
- Background for total chromium (98 ug/L) is higher than the NC GWPS (10 ug/L), therefore 98 ug/L was utilized as the GWPS as outlined in .1634(g)(5).
- Background for total cobalt (15 ug/L) is higher than the NC GWPS (1 ug/L), therefore 15 ug/L was utilized as the GWPS as outlined in .1634(g)(5).
- Background for total thallium (5 ug/L) is higher than the NC GWPS (0.28 ug/L), therefore 5 ug/L was utilized as the GWPS as outlined in .1634(g)(5).
- Background for total vanadium (17 ug/L) is higher than the NC GWPS (0.3 ug/L), therefore 17 ug/L was utilized as the GWPS as outlined in .1634(g)(5).

Inorganic and organic concentrations detected above GWPSs (See Table 3) were statistically compared to their respective GWPSs. As provided in Appendix B, one constituent (cobalt at MW-12) statistically exceeded the GWPS for the Second Semi-Annual 2013 event. As provided in Appendix B, no VOCs statistically exceeded a GWPS for the Second Semi-Annual 2013 event.

5.3 Statistical Results Summary

Assessment Monitoring

Inorganic and organic concentrations detected above GWPSs were statistically compared to their respective GWPSs. One constituent (cobalt at MW-12) statistically exceeded the GWPS for the Second Semi-Annual 2013 event. No VOCs statistically exceeded a GWPS for the Second Semi-Annual 2013 event.

6.0 ASSESSMENT MONITORING STATUS

In accordance with Assessment Monitoring requirements set forth in the NCDENR Regulations for Municipal Solid Waste Landfills Section .1634:

(e) If the concentrations of all Appendix II constituents are shown to be at or below the approved ground-water protection standards, for two consecutive sampling events, the owner or operator shall report this information to the Division, and the Division shall give approval to the owner or operator to return to detection monitoring.

(f) If one or more Appendix II constituents are detected above the approved ground-water protection standards in any sampling event, the owner or operator, shall within 14 days of this finding, submit a report to the Division, place a notice in the operating record, and notify local government officials. The owner or operator:
(1) shall:

(A) Characterize the nature and extent of the release by installing additional monitoring wells, as necessary;
(B) Install at least one additional monitoring well at the facility boundary in the direction of contaminant migration and sample this well in accordance with Paragraph (d)(2) of this Rule;
(C) Notify all persons who own land or reside on land that directly overlies any part of the plume of contamination if contaminants have migrated off-site; and
(D) Within 90 days, initiate an assessment of corrective measures as required under Rule .1635 of this Section; or
(2) may demonstrate that a source other than a MSWLF unit caused the exceedance of the ground-water protection standards, or the exceedance resulted from error in sampling, analysis, or natural variation in ground-water quality. A report documenting this demonstration shall be approved by the Division. If required by G.S. 89C or G.S. 89E, a professional engineer or licensed geologist shall prepare these documents. [Note: The North Carolina Board of Examiners for Engineers and Surveyors and the Board of Licensing of Geologist has determined, via letters dated July 16, 2010 and November 30, 2010 respectively, that preparation of documents pursuant to this Paragraph constitutes practicing engineering or geology under G.S. 89C and G.S. 89E.] A copy of the approved report shall also be placed in the operating record. If a successful demonstration is made, the owner or operator may discontinue assessment monitoring, and may return to detection monitoring when approval is given by the Division. Until a successful demonstration is made, the owner or operator shall comply with Paragraph (f)(1) of this Rule including initiating an assessment of corrective measures.

During the Second Semi-Annual 2013 event, a limited number of Appendix II constituents were above background values (see Tables 2 and 3), however all organic concentrations were statistically below the GWPSs and only one inorganic compound (cobalt at MW-12) statistically exceeded a GWPS. Wells directly downgradient of MW-12 (MW-1A and MW-1B) do not exhibit statistical exceedances for cobalt; however MW-1A and MW-1B do exhibit similar temporal trends as MW-12 for cobalt. Therefore, cobalt concentrations at MW-12 appear to be naturally occurring. It is recommended that the site continue in Assessment Monitoring.

During the Second Semi-Annual 2013 event, each well was sampled for the Appendix I list parameters plus previously detected Appendix II parameters (dichlorodifluoromethane, mercury, and tin). In accordance with NCDENR Requirements for Municipal Solid Waste Landfill Facilities Section .1634(d), a notification letter of detected Appendix II constituents was submitted to NCDENR by Herst & Associates, Inc. on November 25, 2013. The inorganic and organic detections above SWSLs at the Assessment wells are also on the Appendix I Detection Monitoring list with the exception of estimated values of dichlorodifluoromethane and total tin, which are consistent with past events.

The First Semi-Annual 2014 sampling event will be the next annual Appendix II assessment sampling event at the site for assessment wells. The remaining wells will be sampled for the Appendix I detection monitoring list, plus previously detected Appendix II parameters (dichlorodifluoromethane, mercury, and tin).

The following landfill gas system information was provided by SCS Engineers. The GCCS has been operational at the Landfill since 1996. As areas of the Landfill reached 5 years old or 2 years old and at final grade, the GCCS was expanded in general accordance with the NSPS GCCS Design Plan. The GCCS was designed and constructed in general accordance with the NSPS provisions and the NSPS GCCS Design Plan.

The GCCS includes over 150 vertical extraction wells, five horizontal collectors (HC), and nine leachate cleanouts. The facility includes the following major control system components:

- A 3,000 scfm candlestick flare,
- A 6,000 scfm enclosed flare,
- A 12,000 scfm blower system, and
- A 2-stage gas compressor that feeds a Taurus 60-T7300 Solar turbine.

The turbine is part of a landfill gas-to-energy (LFGTE) facility at the site. The LFGTE facility was constructed in 1999 with start-up testing performed in December 1999. The LFGTE facility began generating electricity in early 2000 with power being sold to the City of Concord.

2007 Expansion

Construction on the GCCS Expansion began in January 2007, and ended in February 2007. The objectives of the upgrades during the expansion included the following:

- Re-drilled four nonperforming wells – EW-35B, EW-66C, EW-72B, EXP-25A.
- Replaced damaged lateral piping - vicinity of EW-31 and EW-22.
- Installed new lateral piping for new wells – EW-35B, EW-66C, EW-72B, EXP-25A.
- Installed new airline for sumps – CS-1, CS-2, CS-3, CS-4.
- Installed new sump pumps – CS-1, CS-2, CS-3, CS-4.
- Performed boot repairs on four wells - EW-8, EW-15, EW-16, EW-17.

2008 Expansion

Expansion of the GCCS began in February 2008 and ended in May 2008. The primary objectives of the expansion project were to replace non-performing wells, increase the available vacuum to the GCCS by installing new header pipes, and replace the condensate sump/knockout pot at Flare 2. Replacing the condensate sump/knockout pot to improve the operation of the flare and allow the flare to be operated at a higher vacuum.

During construction it was observed the leachate cleanout located on the south west side of the landfill (near MW-18A) was showing signs of landfill gas pressures within the cleanout. Because of this, the cleanout was connected to the GCCS so a vacuum could be applied and landfill gas collected. In general the 2008 expansion of the GCCS included the following:

- Re-drilled 21 nonperforming wells – EW-07, EW-10, EW-16, EW-19, EW-20, EW-22, EW-24, EW-31, EW-32A, EW-33A, EW-35B, EW-37, EW-38, EW-40, EW-46, EW-47, EW-121, EXP-04, EXP-05, EXP-13, and EXP-14.
- Installed two new LFG wells – EW-199 and EW-200.
- Installed 6-inch lateral piping for new and re-drilled wells, and header piping.
- Installed 2-inch airline for sump CS-03.
- Installed 2-inch condensate sump and pump for Flare 2.
- Connected a leachate cleanout to the GCCS.

2009 Expansion

Expansion of the GCCS occurred in 2009. The primary objectives of the expansion project were to expand the system into Cell 2G, replace non-performing wells, and increase the available vacuum to the GCCS by installing new header pipes. In addition, a new 24-inch diameter header pipe was installed from the big flare into Cell 2G. In general the 2009 expansion of the GCCS included the following:

- Re-drilled four nonperforming wells – EW-05A, EW-44A, EW-114A, and EW-115A.
- Installed 11 new LFG wells – EW-120, EW-122, EW-123, EW-124, EW-159, EW-160, EW-183, EW-184, EW-185, EW-201, and EW-202.

- Tied leachate cleanouts into GCCS (near MW-18A, MW-19, and MW-19A).
- 6-Inch lateral piping for new and re-drilled wells.
- Installed header piping.
- Connected a leachate cleanouts to the GCCS.

2010 Expansion

Expansion of the GCCS occurred in 2010. The primary objectives of the expansion project were the following:

- Re-drilled 10 nonperforming wells – EXP-03A, EXP-19A, EXP-26A, EW-39B, EW-40B, EW-58B, EW-60B, EW-68A, EW-75A and EW-106A.
- Installed 10 new LFG wells – EW-98, EW-99, EW-125, EW-126, EW-153, EW-154, EW-161, EW-162, EW-182, and EW-186.
- Installed new lateral piping for new and re-drilled wells.
- Installed new header piping.
- Installed blind flanges on header piping for future expansion.
- Installed corrugated metal pipe around HDPE pipe for road crossings.

2011 Expansion

Expansion of the GCCS occurred in 2011. The primary objectives of the expansion project were the following:

- Installed a 12,000 scfm blower skid.
- Installed a 3,000 scfm candle stick flare.
- New 18-inch header was tied-in to the existing 18-inch header at the southeast corner of Cell 2F and installed up to the southeast corner of Cell 2H.
- Installed 6-inch laterals connecting the cleanouts and risers for Cells 2F, 2G, and 2H.
- Designed new header system to re-direct LFG to a new future blower skid located near the 6,000 scfm enclosed flare.

2012 Expansion

Construction on the GCCS Expansion began on February 6, 2012, and ended on March 12, 2012. The construction and installation was performed by B&M, and its drilling subcontractor Recovery Drilling Services. SCS provided construction inspection services to verify that construction activities were completed in accordance with the Construction Drawings. The project consisted of construction and installation of the following components:

- Seven replacement vertical LFG extraction wells; 492 feet total. The replacement wells included: EXP-10A, EXP-23A, EW-26A, EXP-29A, EW-64B, EW-70B, and EW-78A;
- Fifteen new vertical LFG extraction wells installed in Cell 2G and 2H; 994 feet total. The new wells included: EW-126E, EW-127, EW-128, EW-129, EW-130, EW-152, EW-155, EW-156, EW-157, EW-163, EW-164, EW-180, EW-181, EW-187, and EW-300.

The GCCS installation consisted of new 16-inch and 24-inch diameter LFG header pipe and 4-inch, 6-inch, and 8-inch diameter lateral pipe. The new header and lateral pipes supplement existing header and lateral pipes to provide vacuum to the new and re-drill wells.

2013 Expansion

Construction on the GCCS Expansion began on August 12, 2013, and ended on September 12, 2013. The construction and installation was performed by B&M, and its drilling subcontractor Recovery Drilling Services. SCS provided construction inspection services to verify that construction activities were completed in accordance with the Construction Drawings. The project consisted of construction and installation of the following components:

- Two replacement vertical LFG extraction wells; 102 feet total. The replacement wells included: EW-76A, EW-154A;
- Fifteen new vertical LFG extraction wells; 797 feet total. The new wells included: EW-131, EW-150, EW-151, EW-165, EW-166, EW-178, EW-179, EW-500, EW-501, EW-502, EW-503, EW-504, EW-505, EW-506, and EW-507;

The GCCS installation consisted of new 16-inch and 18-inch diameter LFG header pipe and 6-inch diameter LFG lateral pipe. The new header and lateral pipes supplement existing header and lateral pipes to provide vacuum to the new and re-drill wells.

According to the site, Fortistar operates two plants (with three turbines totaling 6,500 scfm) as part of the LFGTE facility, with power being delivered to Duke Energy.

Because of the improvements stated above, the efficiency of the GCCS has improved. 2013 upgrades to the GCCS should further enhance the removal of landfill gas and continued improvement in groundwater quality.

Past Water Quality Assessment Activities

In a letter dated January 28, 2010 from NCDENR to the site, a Water Quality Assessment Plan was requested. The requirements for, or the contents of a Water Quality Assessment Plan (WQAP) are not referenced in NC Solid Waste Regulations or Guidance Documents, therefore the facility met with NCDENR on March 9, 2010 in order to discuss potential items to include in the requested WQAP. Site representatives discussed with NCDENR the planned items to be included in the WQAP. Subsequently, the site submitted a WQAP on March 19, 2010 of the proposed activities to address the constituents detected above the North Carolina 15A NCAC 2L Water Quality Standards at the site. In correspondence dated April 8, 2010, NCDENR approved the Water Quality Assessment Plan. The proposed field activities associated with the WQAP were conducted in May 2010. A Water Quality Assessment Report summarizing the data collected during the Water Quality Assessment activities was submitted under separate cover on August 2, 2010.

The August 2, 2010 Water Quality Assessment Report provided a summary of actions completed to date and proposed actions in order to address the source and extent of the VOC detections in groundwater monitoring wells at the site. The first phase of the field work occurred in conjunction with the Second Semi-Annual 2010 event (May 2010) and consisted of **(1)** a sewer line examination, **(2)** headspace methane monitoring in groundwater monitoring wells of concern, and **(3)** a geochemical evaluation of groundwater and leachate. The results and summary of the first phase activities were submitted within the August 2, 2010 Water Quality Assessment Report.

Results of the first phase indicated that (a) no apparent impacts were identified in the vicinity of the sewer line, (b) no significant concentrations of methane are currently present in the headspace of the groundwater monitoring wells of concern, and (c) the geochemical comparisons of MW-19A to leachate indicate possible mixing of groundwater and leachate. However the lack of heavy metals and the presence of downward trending VOCs in groundwater indicate that landfill

gas likely was the source of impact at some stage. The improving groundwater conditions indicate that the source has likely been mitigated by the upgrades to the GCCS over the last few years.

The February 28, 2011 Water Quality Assessment Report provided an updated summary of the data collected during the Water Quality Assessment activities in the Second Semi-Annual 2010 event (second phase). Installation and monitoring of wells downgradient of the wells of concern would allow the delineation of the horizontal and vertical extent of VOCs. The second phase of the field work occurred in October and November 2010 (in conjunction with the Second Semi-Annual 2010 event) and consisted of **(4)** installing new wells MW-18R, MW-18AR, MW-19R, and MW-19AR, and **(5)** sampling the new wells for the Appendix I list of constituents.

Results of the second phase indicated that (d) lack of impact at well MW-18AR, which defines the extent of horizontal and vertical area of impact in the MW-18A area, and (e) impacts below the 2L Standards have not been horizontally or vertically defined in the MW-19R/MW-19AR portion of the site.

Latest Water Quality Assessment Activities

The Second Semi-Annual 2013 event sampling results exhibited concentrations above the GWPSs for the following: barium (MW-19R), benzene (MW-19R), cobalt (MW-19R/MW-19AR). Table 6 summarizes the results of the Second Semi-Annual 2013 event at water quality assessment (extent) wells MW-18R, MW-18AR, MW-19R, and MW-19AR. No GWPSs have been confirmed exceeded at MW-18R and MW-18AR since installation in 2010. Review of data for MW-19R and MW-19AR indicates that these same constituents were previously above GWPSs in adjacent/upgradient wells MW-19 and/or MW-19A. No GWPSs have been statistically exceeded at MW-19 or MW-19A since the Second Semi-Annual 2009 event. Concentrations for barium, benzene, and cobalt have been decreasing to stable at MW-19 and MW-19A likely due to the enhancements to the GCCS in combination with natural attenuations.

It is recommended that MW-19R and MW-19AR continue to be monitored to assure decreasing concentrations for barium, benzene, and cobalt.

The First Semi-Annual 2013 Event report was submitted the NCDENR on July 10, 2013 (DIN 19593). The Report recommended that MW-18R and MW-18AR be monitored on an annual basis due to lack of confirmed exceedances since installation in 2010. In correspondence dated September 12, 201s (DIN 19706), NCDENR approved the above request. Therefore, the next scheduled sampling event for wells MW-18R and MW-18AR is during the first semi-annual 2014 event.

TABLES

TABLE 1 WELLS ANALYZED SECOND SEMI-ANNUAL 2013 EVENT CHARLOTTE MOTOR SPEEDWAY, LANDFILL V	
UPGRADIENT WELLS	**DOWNGRADIENT WELLS**
MW-11, MW-14, MW-14B, MW-15	MW-1A, MW-1B, MW-2A, MW-2B, MW-10, MW-10A, MW-12 MW-16, MW-17, MW-17A, MW-18A, MW-19, MW-19A, MW-20AR MW-20B, MW-21, MW-22, MW-22A, MW-24, MW-25, MW-26 MW-27, MW-28, MW-29R, MW-30R, MW-31, MW-32R, MW-33, MW-34

TABLE 2
ORGANIC DETECTIONS
SECOND SEMI-ANNUAL 2013 EVENT
CHARLOTTE MOTOR SPEEDWAY, LANDFILL V

Monitoring Point	Parameter	National Primary Drinking Water Standard-MCL (ug/L)	15A NCAC 2L Water Quality Standard (ug/L)	Results (ug/L)	MDL (ug/L)	SWSL (ug/L)
MW-17	1,2-Dichloroethane	5	0.4	2.2	0.2	1
	Benzene	5	1	6.3	0.3	1
	cis-1,2-Dichloroethylene	70	70	18	0.4	5
	Tetrachloroethylene	5	0.7	1.2	0.4	1
	Trichloroethylene	5	3	1.8	0.3	1
	Vinyl chloride	2	0.03	2	0.2	1
MW-17A	Benzene	5	1	2.6	0.3	1
	cis-1,2-Dichloroethylene	70	70	6.9	0.4	5
MW-18A	Benzene	5	1	1.4	0.3	1
MW-19	1,4-Dichlorobenzene	75	6	6.1	0.4	1
	Benzene	5	1	2.4	0.3	1
MW-19A	1,4-Dichlorobenzene	75	6	7.9	0.4	1
	Benzene	5	1	2.9	0.3	1
	Chlorobenzene	100	50	3.8	0.3	3
MW-20B	1,4-Dichlorobenzene	75	6	1.3	0.4	1
MW-25	1,4-Dichlorobenzene	75	6	13	0.4	1
	Vinyl chloride	2	0.03	1.2	0.2	1

Detections listed are for concentrations reported at or above the Solid Waste Section Limit (SWSL).
2L Standards from NCDENR website updated June 13, 2011 (http://www.wastenotnc.org/sw/swenvmonitoringlist.asp).

TABLE 3
SECOND SEMI-ANNUAL 2013 EVENT DATA COMPARED TO GWPSs
CHARLOTTE MOTOR SPEEDWAY, LANDFILL V

Constituent (ug/L)	MCL	NC 2L Std	NC GWPS	Final GWPS	MW-1A	MW-1B	MW-2A	MW-2B	MW-10	MW-10A	MW-11	MW-12	MW-14	MW-14B	MW-15	MW-16	MW-17	MW-17A	MW-18A	MW-19
Antimony Total	6	NE	1	15**	<6.00	0.81 J	0.29 J	<6.00	<6.00	<6.00	0.34 J	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00
Arsenic Total	10	10	NE	10	1.67 J	0.86 J	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	0.97 J	<10.0	<10.0	0.83 J	3.43 J	2.87 J
Barium Total	2,000	700	NE	700	184	6.92 J	71.2 J	21.6 J	35.6 J	34 J	21.3 J	17.2 J	11.8 J	5.03 J	45.4 J	43.1 J	161	177	463	576
Beryllium Total	4	NE	4	4	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Cadmium Total	5	2	NE	5**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	0.06 J	<1.00	<1.00	<1.00	0.17 J	0.17 J
Chromium Total	100	10	NE	98**	3.45 J	0.64 J	1.1 J	1.57 J	3.05 J	1.3 J	<10.0	5.34 J	<10.0	<10.0	1.27 J	3.25 J	<10.0	<10.0	<10.0	<10.0
Cobalt Total	NE	NE	1	15**	13.2	5.99 J	0.29 J	7.8 J	0.73 J	0.37 J	0.36 J	28.9	0.3 J	0.25 J	0.81 J	1.19 J	1.41 J	0.22 J	33.7	10.4
Copper Total	1,300	1,000	NE	1,000	15.4	1.38 J	1.26 J	0.57 J	0.64 J	1.15 J	1.16 J	0.97 J	2.32 J	1.3 J	4.3 J	1.67 J	0.73 J	0.72 J	5.52 J	4.86 J
Cyanide Total	200	70	NE	70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Lead Total	15	15	NE	15	0.65 J	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	0.1 J	0.16 J	<10.0	<10.0	0.15 J	<10.0
Mercury Total	2	1	NE	1	<0.200	0.069 J	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.078 J	<0.200	0.075 J	<0.200	<0.200	<0.200	<0.200	<0.200
Nickel Total	NE	100	NE	100	11 J	23.4 J	6.22 J	7.02 J	3.25 J	2.06 J	3.44 J	6.09 J	20.6 J	2.81 J	12.1 J	5.94 J	2.04 J	2.75 J	14.1 J	129
Selenium Total	50	20	NE	20	3.02 J	1.72 J	2.49 J	<10.0	<10.0	<10.0	2.41 J	<10.0	1.15 J	0.87 J	<10.0	0.88 J	<10.0	<10.0	9.4 J	7.42 J
Silver Total	NE	20	NE	20	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Sulfide	NE	NE	NE	1,000*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Thallium Total	2	NE	0.28	5**	<5.50	0.59 J	0.29 J	0.2 J	0.13 J	0.08 J	<5.50	0.16 J	<5.50	<5.50	0.09 J	<5.50	<5.50	<5.50	<5.50	<5.50
Tin Total	NE	NE	2,000	2,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	0.4 J	0.7 J
Vanadium Total	NE	NE	0.3	17**	4.91 J	5.61 J	7.75 J	7.33 J	4.1 J	4.59 J	3.63 J	8.07 J	4.07 J	2.67 J	15.3 J	5.34 J	<25.0	<25.0	<25.0	<25.0
Zinc Total	NE	1,000	NE	1,000	8.55 J	3.89 J	<10.0	<10.0	2.6 J	5.34 J	1.32 J	0.9 J	6.36 J	2.86 J	5.54 J	5.54 J	2.98 J	5.87 J	62.8	2.71 J

Constituent (ug/L)	MCL	NC 2L Std	NC GWPS	Final GWPS	MW-19A	MW-20AR	MW-20B	MW-21	MW-22	MW-22A	MW-24	MW-25	MW-26	MW-27	MW-28	MW-29R	MW-30R	MW-31	MW-32R	MW-33	MW-34
Antimony Total	6	NE	1.4	15**	<6.00	<6.00	<6.00	0.27 J	0.7 J	<6.00	0.26 J	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	Dry
Arsenic Total	10	10	NE	10	3.49 J	<10.0	1.74 J	<10.0	2.32 J	1.98 J	1.41 J	<10.0	<10.0	0.85 J	<10.0	<10.0	1.16 J	<10.0	<10.0	1.02 J	Dry
Barium Total	2,000	700	NE	700	715	281	524	69.8 J	374	37.6 J	129	115	98.9 J	53.8 J	33.5 J	25.8 J	79.6 J	35.2 J	40.6 J	52.3 J	Dry
Beryllium Total	4	NE	4	4	<1.00	<1.00	<1.00	<1.00	0.15 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	Dry
Cadmium Total	5	2	NE	5**	0.08 J	0.12 J	1.02	<1.00	0.36 J	0.21 J	<1.00	0.18 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	0.25 J	Dry
Chromium Total	100	10	NE	98**	<10.0	<10.0	1.36 J	27.5	25	<10.0	<10.0	<10.0	<10.0	2.11 J	3.07 J	0.65 J	<10.0	3.03 J	0.93 J	1.44 J	Dry
Cobalt Total	NE	NE	70	15**	23.7	1.4 J	2.25 J	61.8	84.7	10.9	0.57 J	11.6	0.89 J	0.23 J	0.19 J	0.33 J	0.38 J	0.37 J	0.95 J	2.22 J	Dry
Copper Total	1,300	1,000	NE	1,000	6.24 J	1.78 J	2.41 J	41.2	96.7	9.01 J	0.85 J	2.64 J	1.96 J	6.77 J	1 J	3.63 J	5.07 J	2.02 J	2.47 J	14.7	Dry
Cyanide Total	200	70	NE	70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
Lead Total	15	15	NE	15	0.1 J	<10.0	0.09 J	0.67 J	1.69 J	<10.0	<10.0	0.1 J	<10.0	<10.0	<10.0	<10.0	<10.0	0.15 J	0.35 J	1.37 J	Dry
Mercury Total	2	1	NE	1	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.089 J	<0.200	0.067 J	<0.200	<0.200	<0.200	0.083 J	<0.200	Dry
Nickel Total	NE	100	NE	100	116	27.4 J	31.4 J	37.2 J	77.6	82.6	4.52 J	24.6 J	11.3 J	6.25 J	8.01 J	2.66 J	3.04 J	2.51 J	10.7 J	4.54 J	Dry
Selenium Total	50	20	NE	20	<10.0	<10.0	2.13 J	1.98 J	3.85 J	6.51 J	1.45 J	1.68 J	1.48 J	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	Dry
Silver Total	NE	20	NE	20	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	Dry
Sulfide	NE	NE	NE	1,000*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Dry
Thallium Total	2	NE	0.28	5**	0.1 J	<5.50	<5.50	<5.50	<5.50	<5.50	<5.50	<5.50	<5.50	<5.50	<5.50	<5.50	<5.50	<5.50	<5.50	<5.50	Dry
Tin Total	NE	NE	2,100	2,000	1.2 J	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	Dry
Vanadium Total	NE	NE	0.3	17**	<25.0	2.64 J	4.55 J	6.23 J	48.3	3.92 J	4.48 J	7.24 J	3.97 J	<25.0	2.2 J	<25.0	6.65 J	2.44 J	<25.0	6.29 J	Dry
Zinc Total	NE	1,000	NE	1,000	884	16.1	21.2	21.4	20.7	5.42 J	1.12 J	6.01 J	1.75 J	2.04 J	<10.0	1.86 J	5.66 J	6.32 J	2.02 J	8.62 J	Dry

Constituent (ug/L)	MCL	NC 2L Std	NC GWPS	Final GWPS	MW-1A	MW-1B	MW-2A	MW-2B	MW-10	MW-10A	MW-11	MW-12	MW-14	MW-14B	MW-15	MW-16	MW-17	MW-17A	MW-18A	MW-19
1,1-Dichloroethane	NE	6	NE	6	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.4 J	0.8 J	0.6 J	0.7 J
1,2-Dichloroethane	5	0.4	NE	1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	1 J	<1.0	<1.0
1,4-Dichlorobenzene	75	6	NE	6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.1
Acetone	NE	6,000	NE	6,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	2 J	<100
Benzene	5	1	NE	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.3	2.6	1.4	2.4
Chlorobenzene	100	50	NE	50	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	0.8 J	3 J
Chloroethane	NE	3,000	NE	3,000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	0.9 J	<10	<10	<10
cis-1,2-Dichloroethene	70	70	NE	70	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	18	6.9	1.7 J	0.7 J
Dichlorodifluoromethane	NE	1,000	NE	1,000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.7 J	0.5 J	<5.0	<5.0
Methyl Ethyl Ketone (2-Butanone)	NE	4,000	NE	4,000	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	19 J
Methylene Chloride	5	5	NE	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.6 J	<1.0	<1.0	<1.0
Tetrachloroethene	5	0.7	NE	0.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	0.7 J	<1.0	<1.0
trans-1,2-Dichloroethene	100	100	NE	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.6 J	<5.0	<5.0	<5.0
Trichloroethene	5	3	NE	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8	0.7 J	0.4 J	<1.0
Trichlorofluoromethane	NE	2,000	NE	2,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	0.03	NE	1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2	0.7 J	<1.0	0.8 J

Constituent (ug/L)	MCL	NC 2L Std	NC GWPS	Final GWPS	MW-19A	MW-20AR	MW-20B	MW-21	MW-22	MW-22A	MW-24	MW-25	MW-26	MW-27	MW-28	MW-29R	MW-30R	MW-31	MW-32R	MW-33	MW-34
1,1-Dichloroethane	NE	6	NE	6	<5.0	0.7 J	4.5 J	<5.0	<5.0	<5.0	<5.0	0.9 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	Dry
1,2-Dichloroethane	5	0.4	NE	1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry
1,4-Dichlorobenzene	75	6	NE	6	7.9	<1.0	1.3	<1.0	<1.0	0.7 J	<1.0	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry
Acetone	NE	6,000	NE	6,000	4.1 J	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	34 J	Dry
Benzene	5	1	NE	1	2.9	<1.0	0.5 J	<1.0	<1.0	<1.0	<1.0	0.5 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry
Chlorobenzene	100	50	NE	50	3.8	<3.0	0.5 J	<3.0	<3.0	1.2 J	<3.0	1.4 J	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	Dry
Chloroethane	NE	3,000	NE	3,000	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	Dry
cis-1,2-Dichloroethene	70	70	NE	70	0.5 J	<5.0	3.3 J	<5.0	<5.0	<5.0	<5.0	4.2 J	0.7 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	Dry
Dichlorodifluoromethane	NE	1,000	NE	1,000	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.6 J	Dry
Methyl Ethyl Ketone (2-Butanone)	NE	4,000	NE	4,000	23 J	<100	<100	<100	<100	5.8 J	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	Dry
Methylene Chloride	5	5	NE	5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.8 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry
Tetrachloroethene	5	0.7	NE	0.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry
trans-1,2-Dichloroethene	100	100	NE	100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	Dry
Trichloroethene	5	3	NE	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.4 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry
Trichlorofluoromethane	NE	2,000	NE	2,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.4 J	Dry
Vinyl Chloride	2	0.03	NE	1**	0.3 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	0.2 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry

B: Denotes parameter also detected in the associated field blank, trip blank, or laboratory method blank.
J: Denotes Sample result above the MDL but below the Solid Waste Section Limit (SWSL); estimated value; value may not be accurate.
Final GWPS is the lowest of the MCL, NC 2L Standard, and NC GWPS values. NC 2L and NC GWPS values taken from NCDENR website updated June 13, 2011 (http://www.wastenotnc.org/sw/swenvmonitoringlist.asp).
**: Denotes SWSL used if no MCL, NC 2L Standard, or NC GWPS has been established.*
***: Denotes background limit used if higher than NC 2L Standard and NC GWPS.*
NS: Denotes this Appendix II parameter was not required to be sampled at this well.
Denotes a concentration at or above an SWSL is also above the Final GWPS:

TABLE 4
SECOND SEMI-ANNUAL 2013 EVENT
SURFACE WATER DATA COMPARED TO NC 2B STANDARDS
CHARLOTTE MOTOR SPEEDWAY, LANDFILL V

Constituent	**Units**	**NC 2B Standard**	SW-1	SW-2A
Antimony Total	ug/L	NE	<6.00	<6.00
Arsenic Total	ug/L	10	0.82 J	1.06 J
Barium Total	ug/L	700	37.2 J	48 J
Beryllium Total	ug/L	NE	<1.00	<1.00
Cadmium Total	ug/L	2	<1.00	<1.00
Chromium Total	ug/L	10	<10.0	<10.0
Cobalt Total	ug/L	NE	0.76 J	0.27 J
Copper Total	ug/L	1,000	2.27 J	1.5 J
Lead Total	ug/L	15	0.1 J	<10.0
Nickel Total	ug/L	100	1.76 J	2.39 J
Selenium Total	ug/L	20	<10.0	<10.0
Silver Total	ug/L	20	<10.0	<10.0
Thallium Total	ug/L	NE	<5.50	0.38 J
Vanadium Total	ug/L	NE	5.93 J	7.44 J
Zinc Total	ug/L	1,000	6.16 J	4.02 J
Field Dissolved Oxygen	mg/L	NE	4800	4380
Field pH	SU	NE	7.72	7.20
Field Specific Conductance	umhos/cm	NE	400	534
Field Temperature	°C	NE	13.7	12.5
Field Turbidity	NTU	1,000	5.18	3.63

B: Denotes parameter also detected in the associated field blank, trip blank, or laboratory method blank.
J: Denotes Sample result above the MDL but below the Solid Waste Section Limit (SWSL); estimated value; estimated value; value may not be accurate.
No VOCs detected above an SWSL, therefore not included on this table.

TABLE 5
INTER-WELL PREDICTION LIMIT EXCEEDANCES
SECOND SEMI-ANNUAL 2013 EVENT
CHARLOTTE MOTOR SPEEDWAY, LANDFILL V

Well	Parameter (Total Metals)	National Primary Drinking Water Standard-MCL (mg/L)	15A NCAC 2L Water Quality Standard (mg/L)	Results (mg/L)	MDL (mg/L)	SWSL (mg/L)	Prediction Limit (mg/L)	Upward Trend?
MW-12	Cobalt	NE	*0.001	0.0289	0.00012	0.01	0.015	No
MW-18A	Cobalt	NE	*0.001	0.0337	0.00012	0.01	0.015	No
MW-19	Nickel	NE	0.1	0.1290	0.00041	0.05	0.043	No
MW-19A	Barium	2	0.7	0.7150	0.00025	0.10	0.385	No
	Cobalt	NE	*0.001	0.0237	0.00012	0.01	0.015	No
	Nickel	NE	0.1	0.1160	0.00041	0.05	0.043	No
MW-21	Cobalt	NE	*0.001	0.0618	0.00012	0.01	0.015	No
MW-22	Cobalt	NE	*0.001	0.0847	0.00012	0.01	0.015	No
	Vanadium	NE	*0.0003	0.0483	0.00197	0.025	0.01732	No

** Denotes an MCL not established and a NCAC 2L standard not established, therefore the NCDENR Groundwater Protection Standard taken from NCDENR website updated June 13, 2011 (http://www.wastenotnc.org/sw/swenvmonitoringlist.asp).*

TABLE 6
SECOND SEMI-ANNUAL 2013 EVENT, WATER QUALITY ASSESSMENT WELL DATA COMPARED TO GWPSs
CHARLOTTE MOTOR SPEEDWAY, LANDFILL V

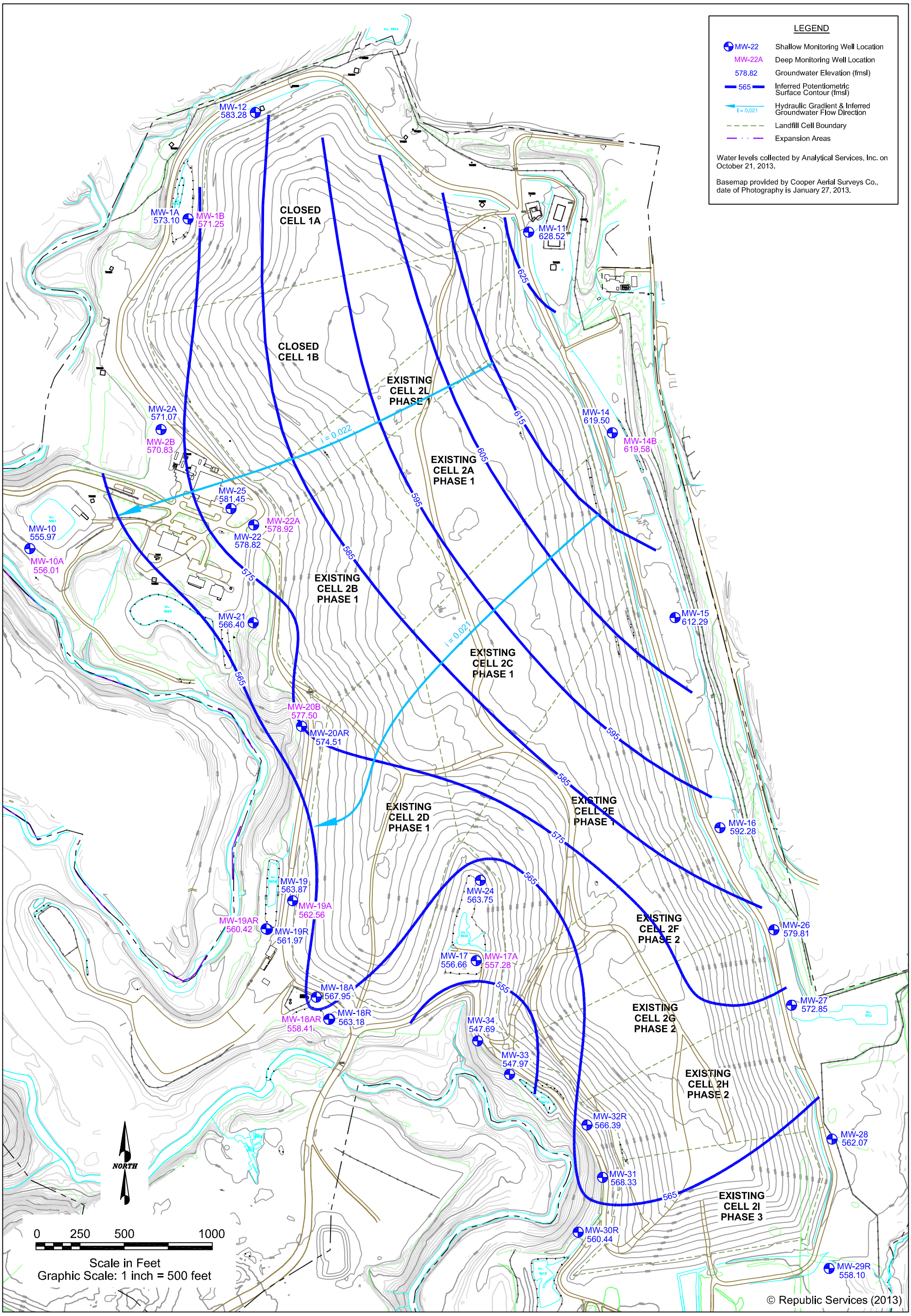
Constituent (ug/L)	**MCL**	**NC 2L Std**	**NC GWPS**	**Final GWPS**	MW-18AR	MW-18R	MW-19AR	MW-19R
Antimony Total	6	NE	1	**15****	NS	NS	0.25 J	<6.00
Arsenic Total	10	10	NE	**10**	NS	NS	5.23 J	4.16 J
Barium Total	2,000	700	NE	**700**	NS	NS	219	731
Beryllium Total	4	NE	4	**4**	NS	NS	<1.00	<1.00
Cadmium Total	5	2	NE	**5****	NS	NS	0.92 J	0.59 J
Chromium Total	100	10	NE	**98****	NS	NS	6.7 J	<10.0
Cobalt Total	NE	NE	1	**15****	NS	NS	17.1	15.6
Copper Total	1,300	1,000	NE	**1,000**	NS	NS	8.23 J	7.63 J
Cyanide Total	200	70	NE	**70**	NS	NS	NS	NS
Lead Total	15	15	NE	**15**	NS	NS	0.6 J	0.09 J
Mercury Total	2	1	NE	**1**	NS	NS	0.085 J	0.064 J
Nickel Total	NE	100	NE	**100**	NS	NS	41.3 J	31.3 J
Selenium Total	50	20	NE	**20**	NS	NS	1.83 J	1.9 J
Silver Total	NE	20	NE	**20**	NS	NS	<10.0	<10.0
Sulfide	NE	NE	NE	**1,000***	NS	NS	NS	NS
Thallium Total	2	NE	0.28	**5****	NS	NS	<5.50	<5.50
Tin Total	NE	NE	2,000	**2,000**	NS	NS	1 J	1.2 J
Vanadium Total	NE	NE	0.3	**17****	NS	NS	<25.0	<25.0
Zinc Total	NE	1,000	NE	**1,000**	NS	NS	11.6	12.2

Constituent (ug/L)	**MCL**	**NC 2L Std**	**NC GWPS**	**Final GWPS**	MW-18AR	MW-18R	MW-19AR	MW-19R
1,1-Dichloroethane	NE	6	NE	**6**	NS	NS	<5.0	<5.0
1,2-Dichloroethane	5	0.4	NE	**1****	NS	NS	<1.0	<1.0
1,4-Dichlorobenzene	75	6	NE	**6**	NS	NS	4.5	4.9
Acetone	NE	6,000	NE	**6,000**	NS	NS	6.1 J	11 J
Benzene	5	1	NE	**1**	NS	NS	1	1.2
Chlorobenzene	100	50	NE	**50**	NS	NS	1.6 J	1.6 J
Chloroethane	NE	3,000	NE	**3,000**	NS	NS	<10	<10
cis-1,2-Dichloroethene	70	70	NE	**70**	NS	NS	<5.0	<5.0
Dichlorodifluoromethane	NE	1,000	NE	**1,000**	NS	NS	<5.0	<5.0
Methyl Ethyl Ketone (2-Butanone)	NE	4,000	NE	**4,000**	NS	NS	14 J	12 J
Methylene Chloride	5	5	NE	**5**	NS	NS	<1.0	<1.0
Tetrachloroethene	5	0.7	NE	**0.7**	NS	NS	<1.0	<1.0
trans-1,2-Dichloroethene	100	100	NE	**100**	NS	NS	<5.0	<5.0
Trichloroethene	5	3	NE	**3**	NS	NS	<1.0	<1.0
Trichlorofluoromethane	NE	2,000	NE	**2,000**	NS	NS	<1.0	<1.0
Vinyl Chloride	2	0.03	NE	**1****	NS	NS	<1.0	<1.0

B: Denotes parameter also detected in the associated field blank, trip blank, or laboratory method blank.
J: Denotes Sample result above the MDL but below the Solid Waste Section Limit (SWSL); estimated value; value may not be accurate.
Final GWPS is the lowest of the MCL, NC 2L Standard, and NC GWPS values.
NC 2L and NC GWPS values taken from NCDENR website updated June 13, 2011 (http://www.wastenotnc.org/sw/swenvmonitoringlist.asp).
**: Denotes SWSL used if no MCL, NC 2L Standard, or NC GWPS has been established.*
***: Denotes background limit used if higher than NC 2L Standard and NC GWPS.*
NS: Denotes this Appendix II parameter was not required to be sampled at this well.
Denotes a concentration at or above an SWSL is also above the Final GWPS:

APPENDICES

APPENDIX A
POTENTIOMETRIC SURFACE MAP



Herst Environmental Services LLC
4631 North St. Peters Parkway
St. Charles, Missouri 63304
Phone (636) 939-9111
Fax (636) 939-9757

Charlotte Motor Speedway
Landfill V
Harrisburg, North Carolina

Figure 1
Second Semi-Annual 2013
Potentiometric Surface Map

Groundwater Elevation Summary Table
Charlotte Motor Speedway, Landfill V

Well	Top of PVC Casing Elevation (fmsl)1	Depth to Water (ft)2	Groundwater Elevation (fmsl)
Shallow Wells			
MW-1A	579.45	6.35	573.10
MW-2A	579.92	8.85	571.07
MW-10	578.10	22.13	555.97
MW-11	638.82	10.30	628.52
MW-12	596.69	13.41	583.28
MW-14	629.56	10.06	619.50
MW-15	620.60	8.31	612.29
MW-16	606.53	14.25	592.28
MW-17	569.88	13.22	556.66
MW-18A	581.81	13.86	567.95
MW-18R	580.02	16.84	563.18
MW-19	588.58	24.71	563.87
MW-19R	582.53	20.56	561.97
MW-20AR	585.28	10.77	574.51
MW-21	581.99	15.59	566.40
MW-22	586.21	7.39	578.82
MW-24	576.00	12.25	563.75
MW-25	589.07	7.62	581.45
MW-26	594.86	15.05	579.81
MW-27	581.32	8.47	572.85
MW-28	574.45	12.38	562.07
MW-29R	565.61	7.51	558.10
MW-30R	587.84	27.40	560.44
MW-31	592.26	23.93	568.33
MW-32R	587.80	21.41	566.39
MW-33	575.70	27.73	547.97
MW-34	577.71	30.02	547.69
Deep Wells			
MW-1B	580.74	9.49	571.25
MW-2B	579.92	9.09	570.83
MW-10A	578.67	22.66	556.01
MW-14B	629.82	10.24	619.58
MW-17A	570.12	12.84	557.28
MW-18AR	579.93	21.52	558.41
MW-19A	588.07	25.51	562.56
MW-19AR	582.83	22.41	560.42
MW-20B	583.57	6.07	577.50
MW-22A	586.13	7.21	578.92

Note 1: Top of PVC Casing Elevations from the December 1, 2000 Correspondence from S&ME, Inc. to the site regarding the October 2000 Groundwater Flow Data.
Top of PVC Casing Elevations for wells MW-16, MW-26 through MW-34 from survey information provided by Earnhardt Grading in correspondence dated June 19, 2008.
Top of PVC Casing Elevations for wells MW-18R, MW-18AR, MW-19R, MW-19AR, MW-29R, MW-30R, and MW-32R from survey information provided by David Garrett & Associates in correspondence dated December 6, 2010.
Note 2: Depth to water collected by Analytical Services, Inc. on October 21, 2013.

Groundwater Flow Velocity Calculations
Charlotte Motor Speedway, Landfill V
Second Semi-Annual 2013 Event

Velocity Range

For wells in Saprolite
V = [(k)(i)]/(n)
V = [(1 x 10^{-3} cm/sec)(0.022]/0.16
V = 1.4 x 10^{-4} cm/sec
V = 0.40 ft/day
V = 146 ft/year

For wells in PWR
V = [(k)(i)]/(n)
V = [(2 x 10^{-4} cm/sec)(0.022]/0.20
V = 2.2 x 10^{-5} cm/sec
V = 6.2 x 10^{-2} ft/day
V = 23 ft/year

For wells in Bedrock
V = [(k)(i)]/(n)
V = [(7 x 10^{-5} cm/sec)(0.022]/0.07
V = 2.2 x 10^{-5} cm/sec
V = 6.2 x 10^{-2} ft/day
V = 23 ft/year

Hydraulic conductivities (k) are from the geometric mean of the hydraulic conductivity for each unit monitored at the site. Hydraulic conductivities provided in "Groundwater Certification Document, CMS Landfill V" by S&ME, Inc. dated October 4,1994.

Effective porosities (n) are from the geometric mean of the effective porosities for each unit monitored at the site. Effective porosities provided in "Groundwater Certification Document, CMS Landfill V" by S&ME, Inc. dated October 4, 1994.

Conversion factor: ft/day = 2,835 x cm/sec.

Gradient (i) is from the average gradient at site using the Second Semi-Annual 2013 potentiometric surface map across the northern portion of the site and the southern portion of the site.
Gradient (i) = Change in Groundwater Elevation along Flow Path
i_{north}*: = 50 ft / 2,300 ft = 0.022*
i_{south}*: = 50 ft / 2,400 ft = 0.021*
Average gradient across the site is (0.022 + 0.021) / 2 = 0.022

APPENDIX B
STATISTICAL EVALUATIONS

Prediction Limit

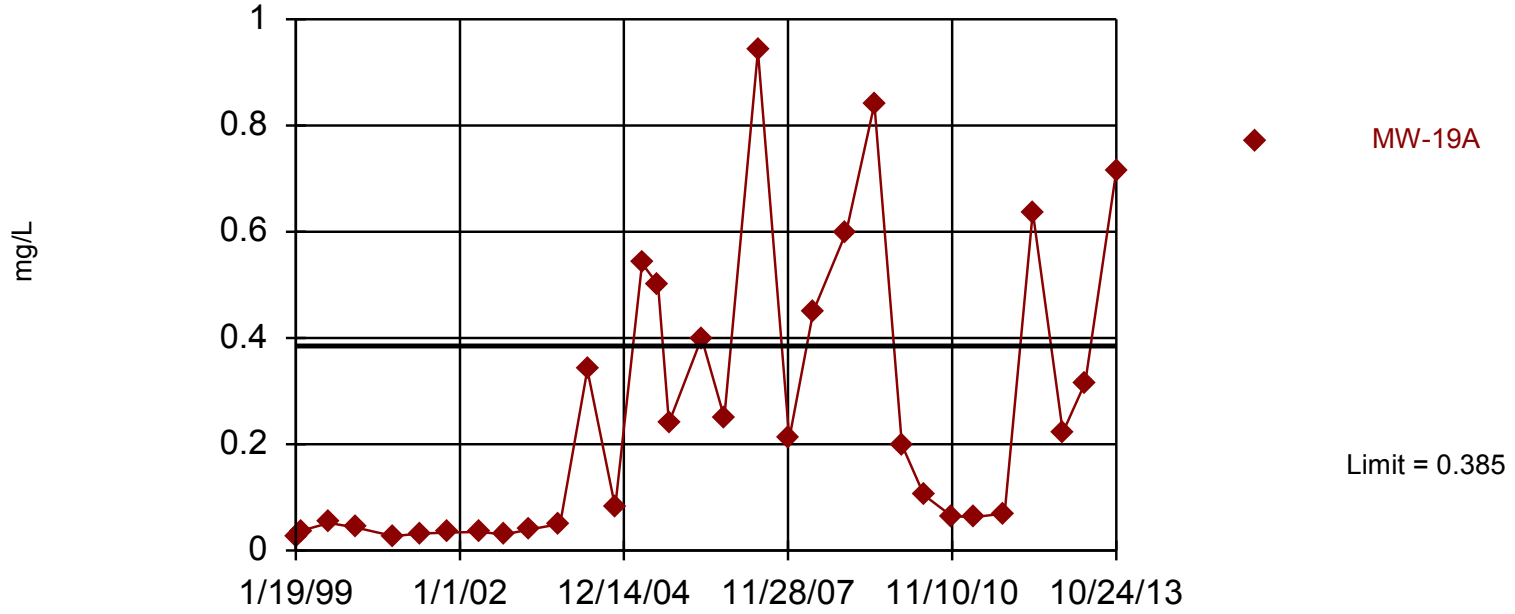
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS Printed 11/25/2013, 2:34 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium Total (mg/L)	**MW-19A**	**0.385**	**10/24/2013**	**0.715**	**Yes**	**161**	**n/a**	**n/a**	**20.5**	**n/a**	**n/a**	**0.00007512**	**NP Inter (normality) 1 of 2**
Cobalt Total (ug/L)	**MW-12**	**15**	**10/22/2013**	**28.9**	**Yes**	**154**	**n/a**	**n/a**	**61.69**	**n/a**	**n/a**	**0.00008271**	**NP Inter (NDs) 1 of 2**
Cobalt Total (ug/L)	**MW-18A**	**15**	**10/23/2013**	**33.7**	**Yes**	**154**	**n/a**	**n/a**	**61.69**	**n/a**	**n/a**	**0.00008271**	**NP Inter (NDs) 1 of 2**
Cobalt Total (ug/L)	**MW-19A**	**15**	**10/24/2013**	**23.7**	**Yes**	**154**	**n/a**	**n/a**	**61.69**	**n/a**	**n/a**	**0.00008271**	**NP Inter (NDs) 1 of 2**
Cobalt Total (ug/L)	**MW-21**	**15**	**10/24/2013**	**61.8**	**Yes**	**154**	**n/a**	**n/a**	**61.69**	**n/a**	**n/a**	**0.00008271**	**NP Inter (NDs) 1 of 2**
Cobalt Total (ug/L)	**MW-22**	**15**	**10/24/2013**	**84.7**	**Yes**	**154**	**n/a**	**n/a**	**61.69**	**n/a**	**n/a**	**0.00008271**	**NP Inter (NDs) 1 of 2**
Nickel Total (ug/L)	**MW-19**	**43**	**10/24/2013**	**129**	**Yes**	**154**	**n/a**	**n/a**	**45.45**	**n/a**	**n/a**	**0.00008271**	**NP Inter (normality) 1 of 2**
Nickel Total (ug/L)	**MW-19A**	**43**	**10/24/2013**	**116**	**Yes**	**154**	**n/a**	**n/a**	**45.45**	**n/a**	**n/a**	**0.00008271**	**NP Inter (normality) 1 of 2**
Vanadium Total (ug/L)	**MW-22**	**17.32**	**10/24/2013**	**48.3**	**Yes**	**154**	**2.442**	**0.7327**	**28.57**	**Kaplan-Meier**	**sqrt(x)**	**0.0001176**	**Param Inter 1 of 2**

Exceeds Limit: MW-19A

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 161 background values. 20.5% NDs. Annual per-constituent alpha = 0.004198. Individual comparison alpha = 0.00007512 (1 of 2). Assumes 27 future values. Outlier test was not run because sample size exceeded table. Seasonality was not detected with 95% confidence.

Constituent: Barium Total Analysis Run 11/25/2013 2:30 PM

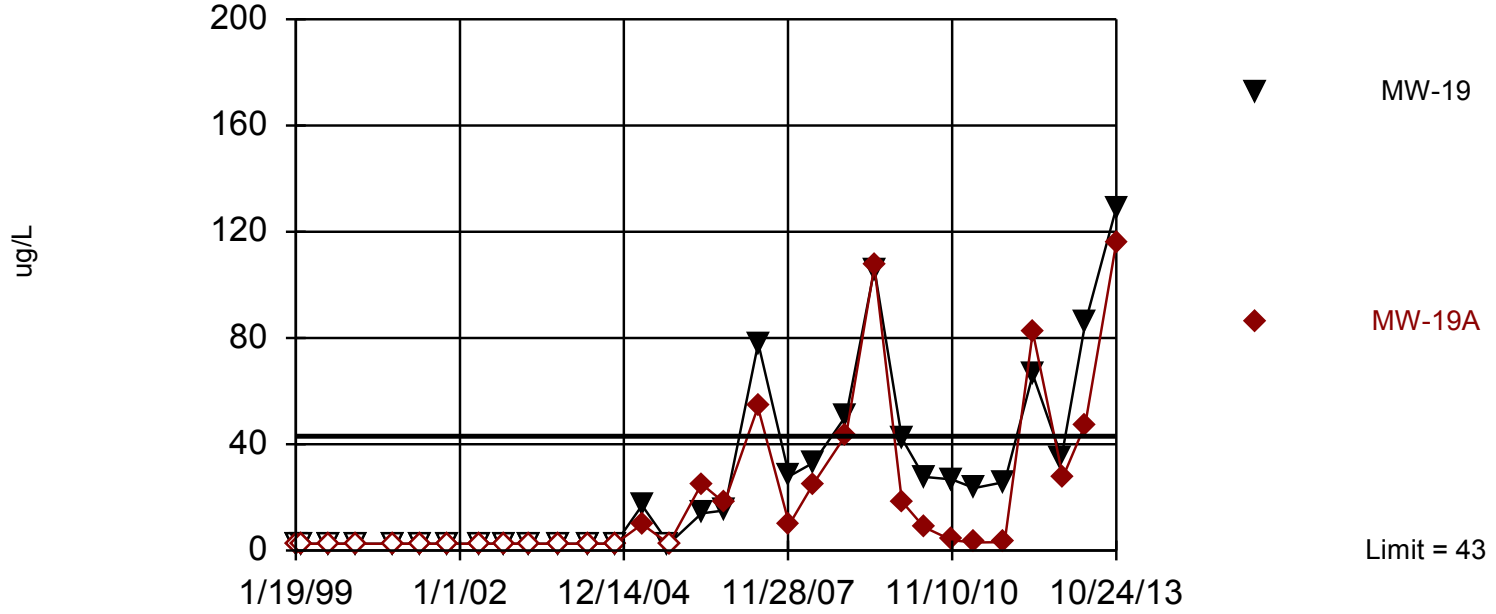
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-19, MW-19A

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 154 background values. 45.45% NDs. Annual per-constituent alpha = 0.004621. Individual comparison alpha = 0.00008271 (1 of 2). Comparing 2 points to limit. Assumes 26 future values. Outlier test was not run because sample size exceeded table. Seasonality was not detected with 95% confidence.

Constituent: Nickel Total Analysis Run 11/25/2013 2:31 PM

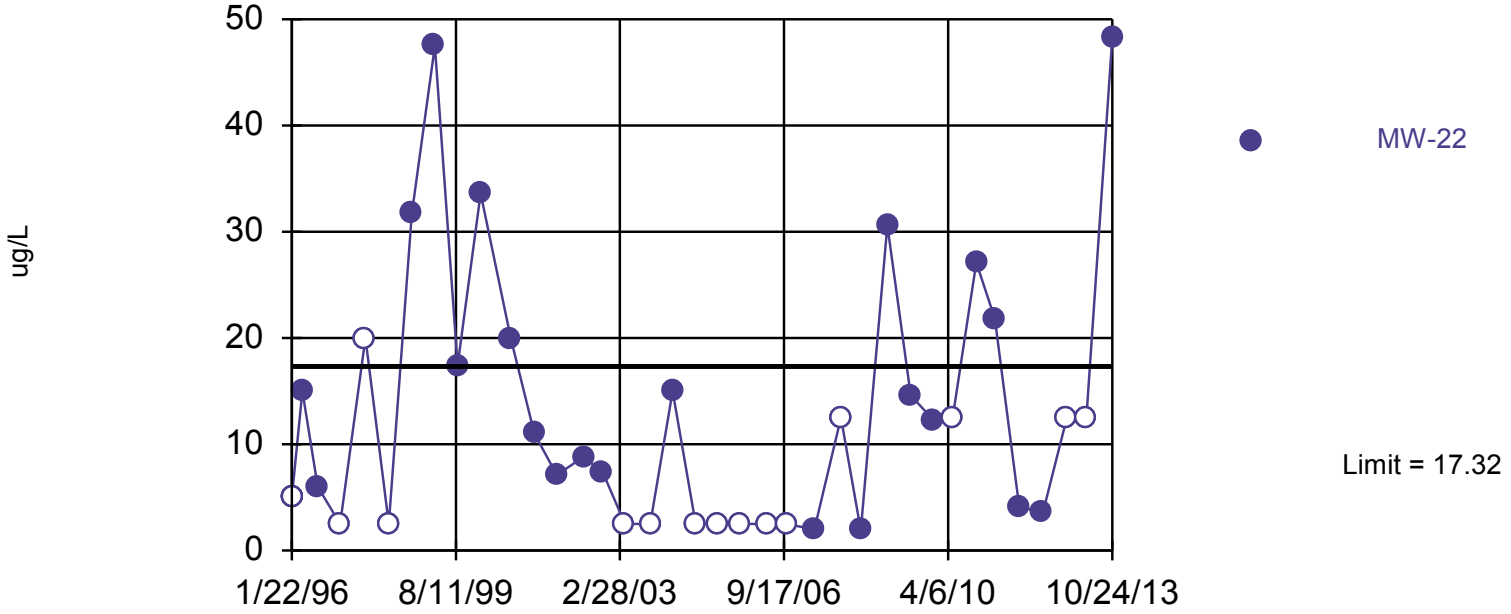
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-22

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=2.442, Std. Dev.=0.7327, n=154, 28.57% NDs. Seasonality was not detected with 95% confidence. Normality test: Chi Squared @alpha = 0.01, calculated = 10.29, critical = 14.07. Kappa = 2.347 (c=16, w=28, 1 of 2, event alpha = 0.05132). N exceeds UG tables; Kappa based on n=150. Report alpha = 0.003287. Individual comparison alpha = 0.0001176. Assumes 27 future values. Outlier test was not run because sample size exceeded table.

Constituent: Vanadium Total Analysis Run 11/25/2013 2:31 PM

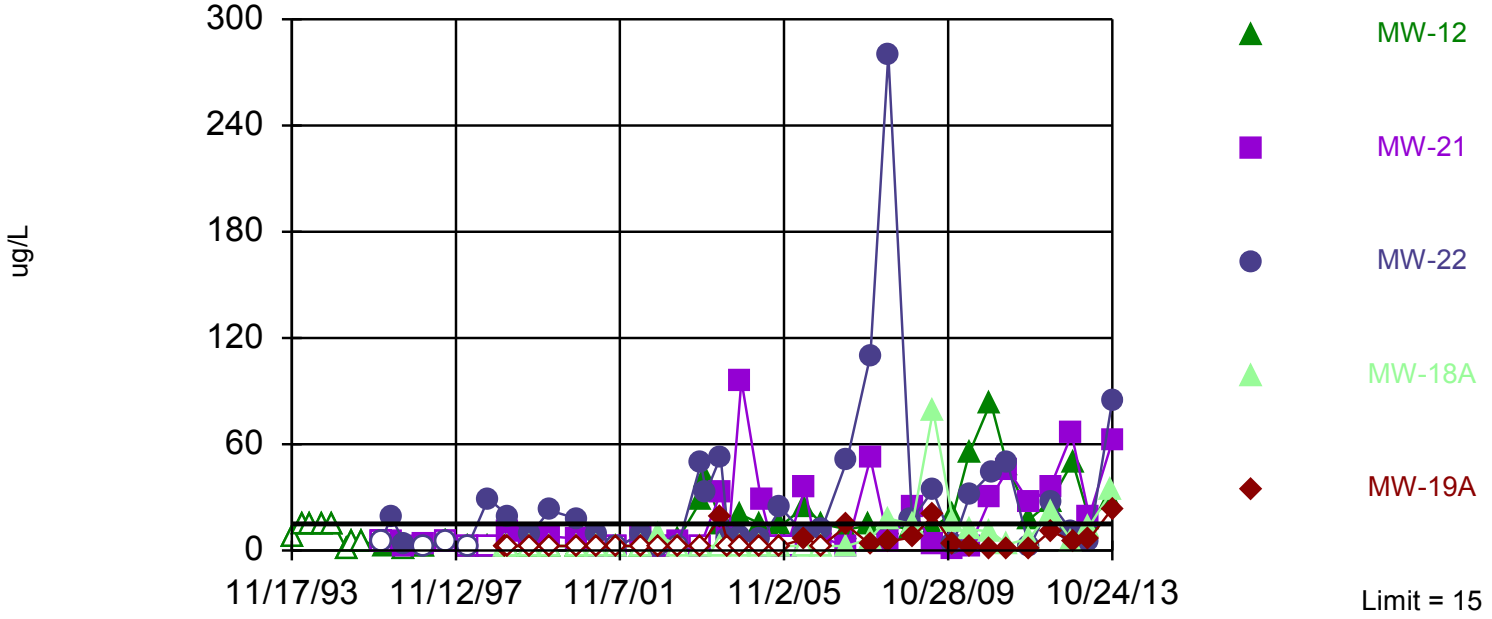
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-12, MW-21, MW-22, MW-18A, MW-19A

Prediction Limit

Interwell Non-parametric



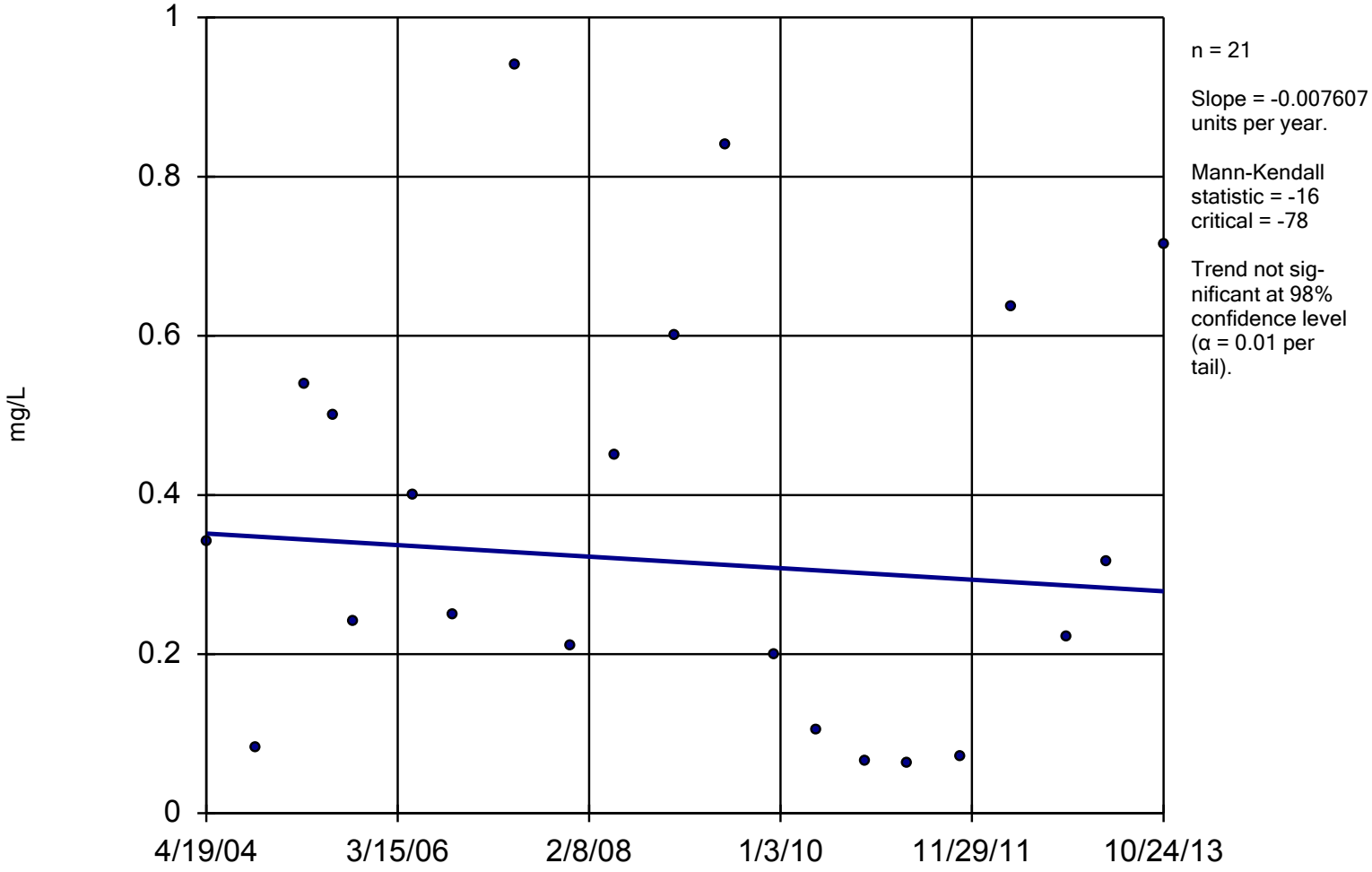
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 154 background values. 61.69% NDs. Annual per-constituent alpha = 0.004621. Individual comparison alpha = 0.00008271 (1 of 2). Comparing 5 points to limit. Assumes 23 future values. Outlier test was not run because sample size exceeded table. Seasonality was not detected with 95% confidence.

Constituent: Cobalt Total Analysis Run 11/25/2013 2:32 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sen's Slope Estimator

MW-19A

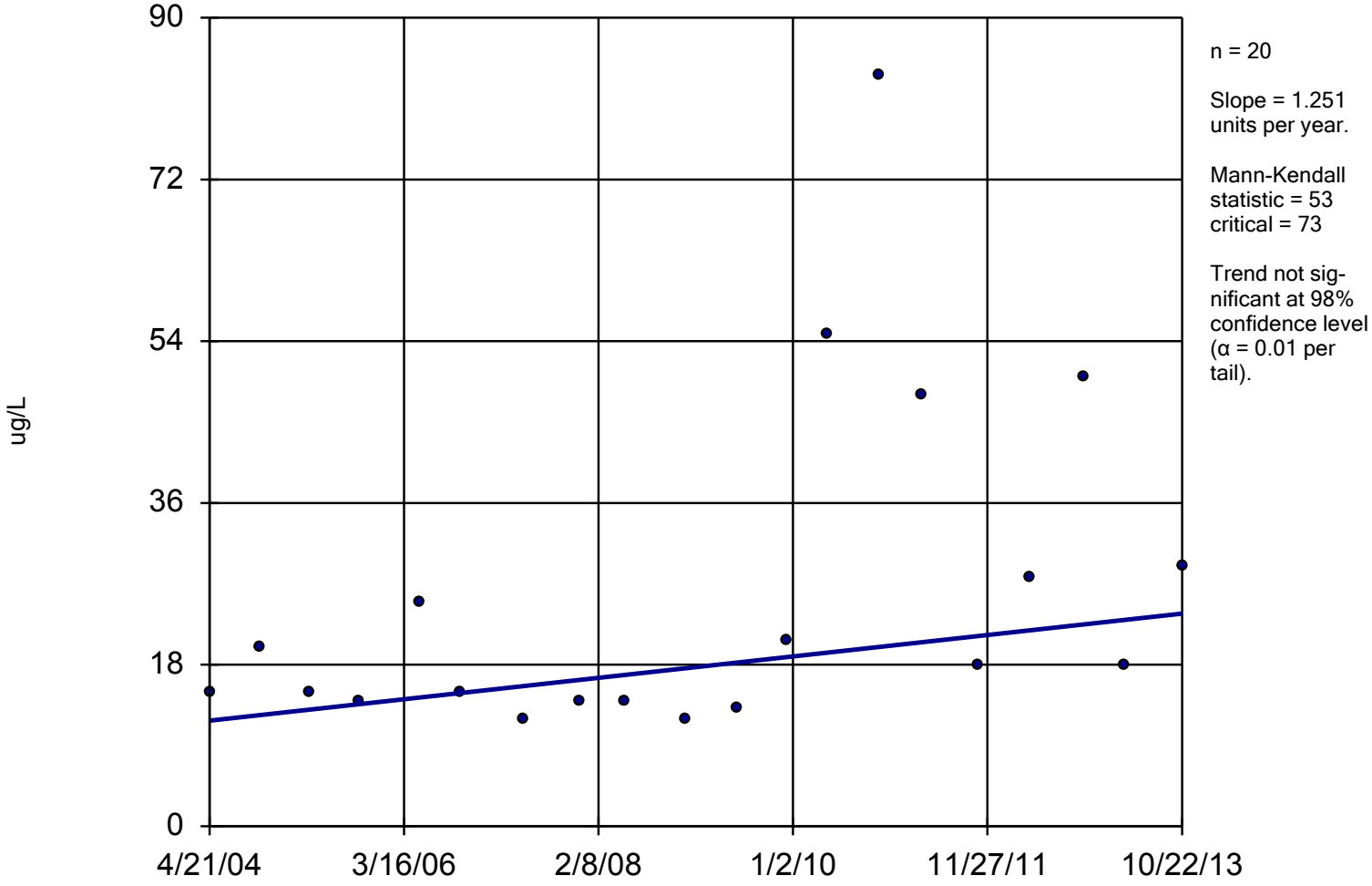


Constituent: Barium Total Analysis Run 11/26/2013 8:59 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sen's Slope Estimator

MW-12



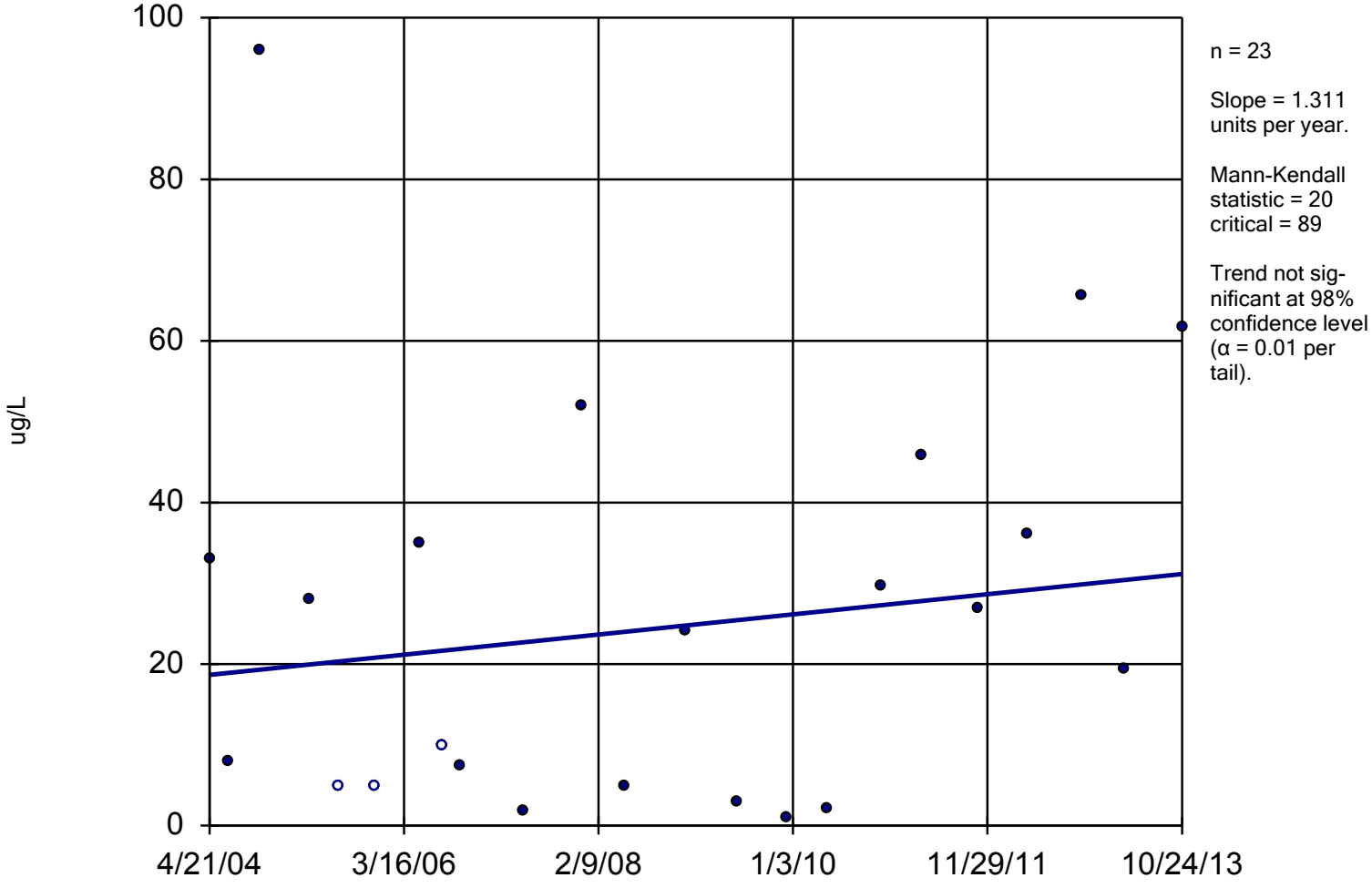
Constituent: Cobalt Total Analysis Run 11/26/2013 8:59 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-21

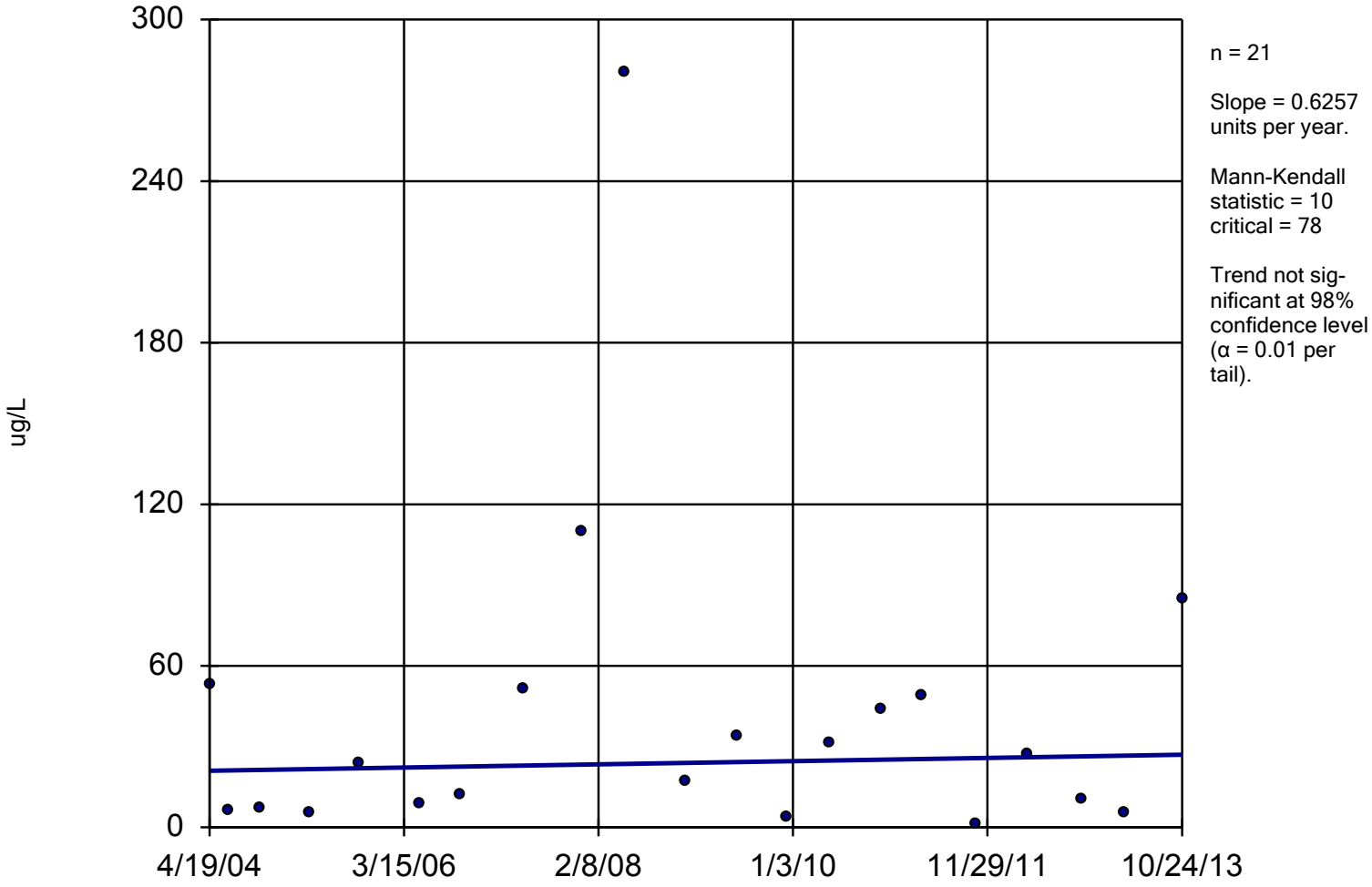


Constituent: Cobalt Total Analysis Run 11/26/2013 8:59 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sen's Slope Estimator

MW-22



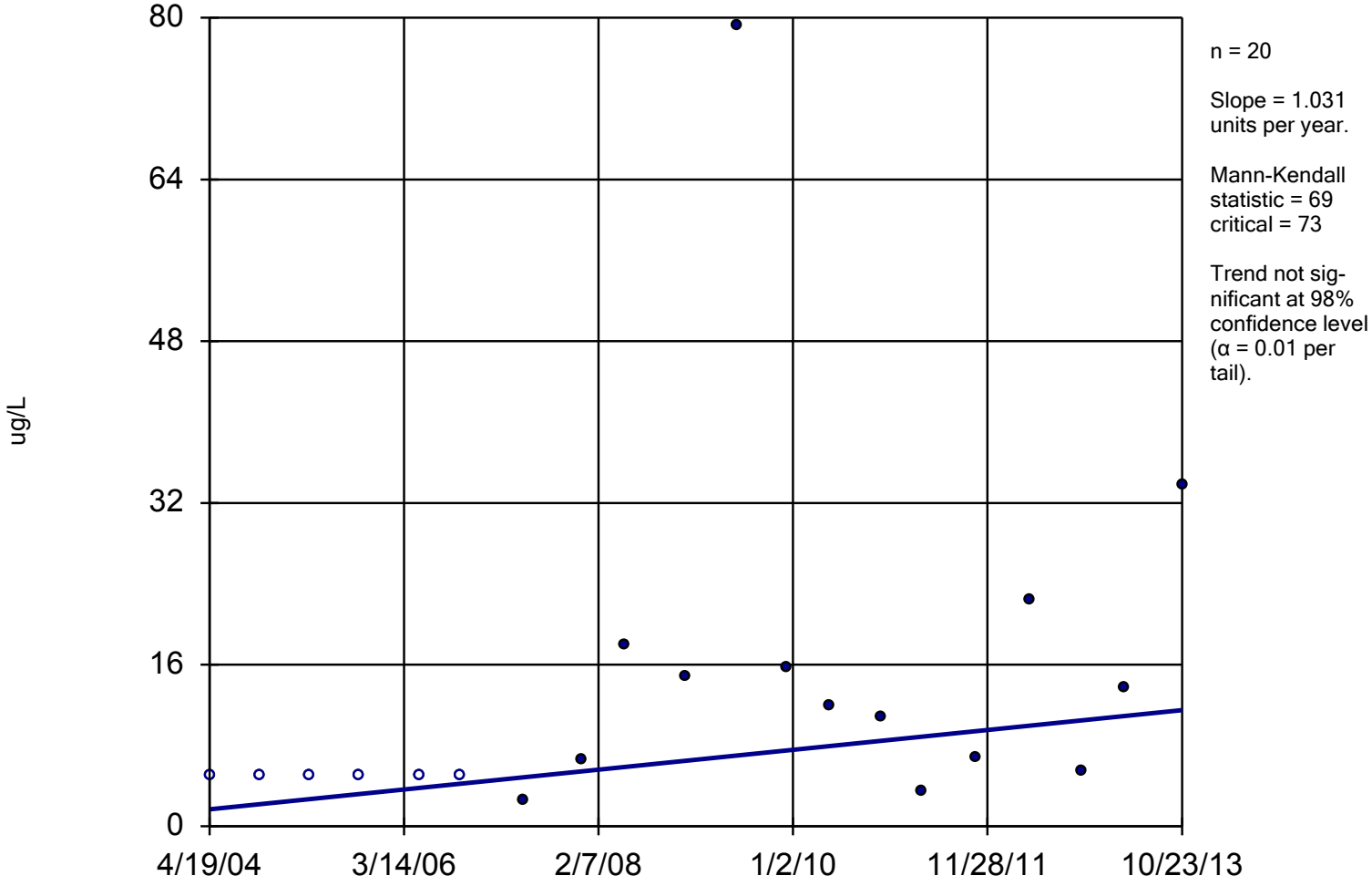
Constituent: Cobalt Total Analysis Run 11/26/2013 8:59 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-18A



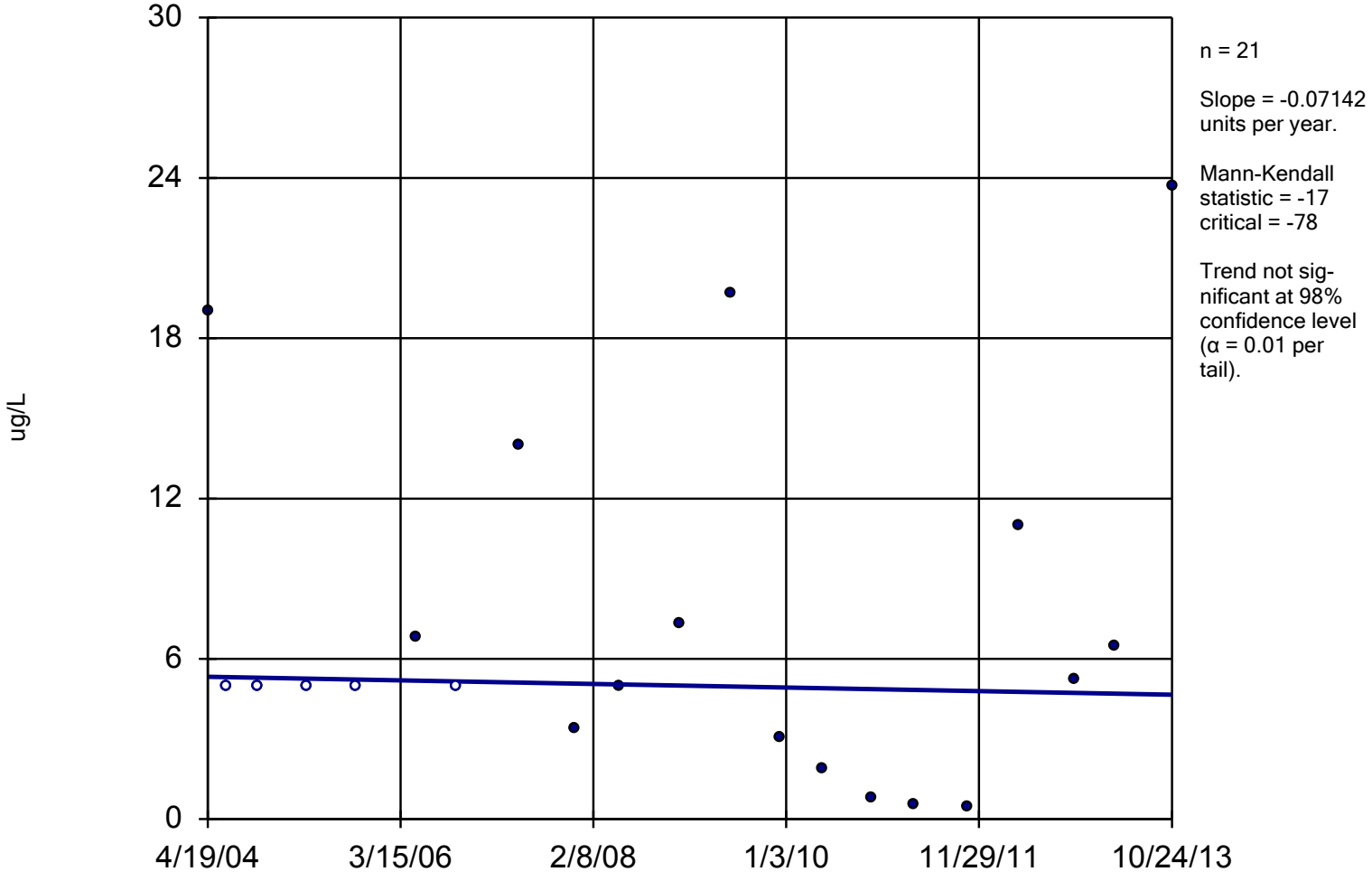
Constituent: Cobalt Total Analysis Run 11/26/2013 8:59 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-19A



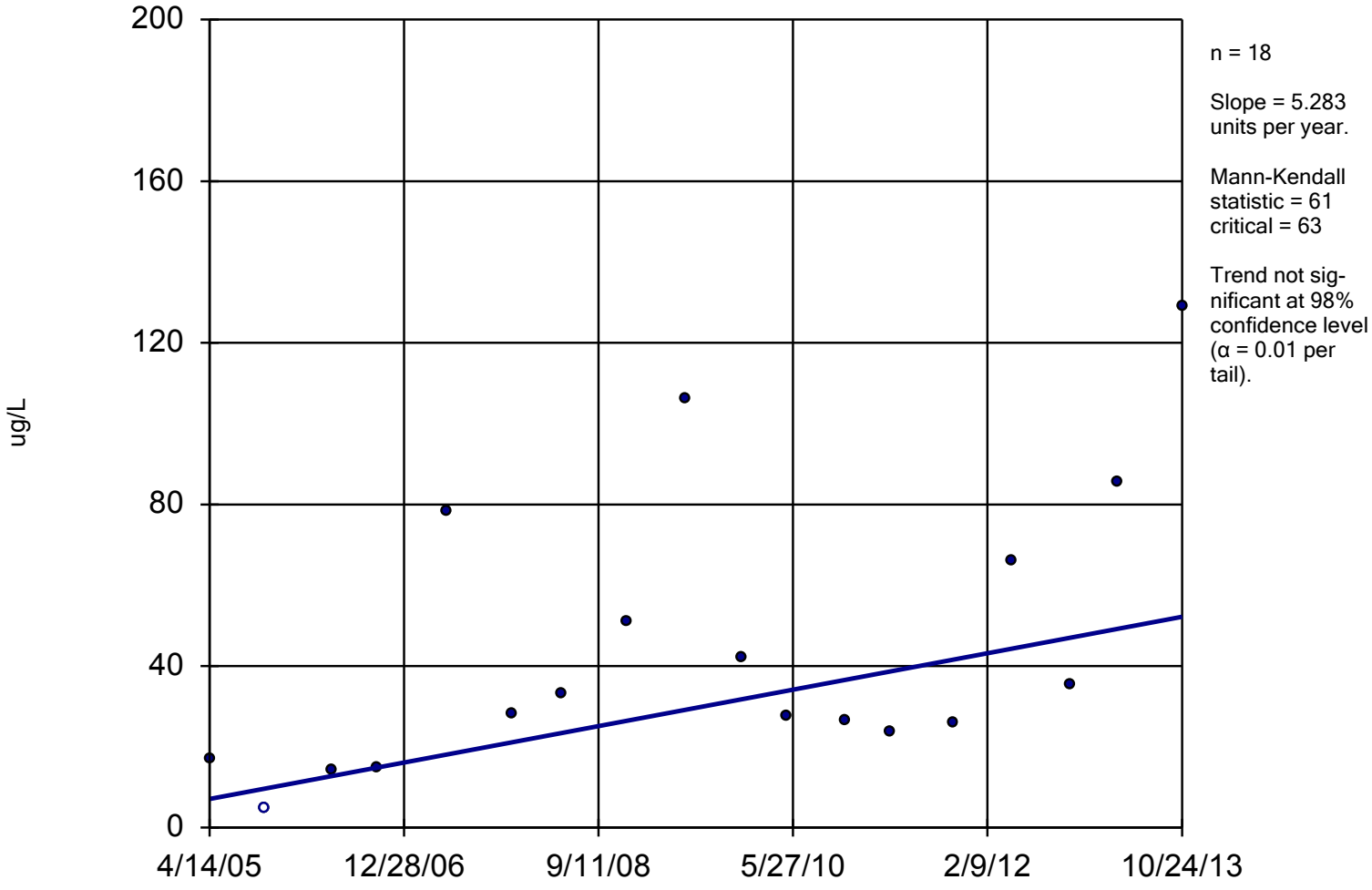
Constituent: Cobalt Total Analysis Run 11/26/2013 8:59 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-19



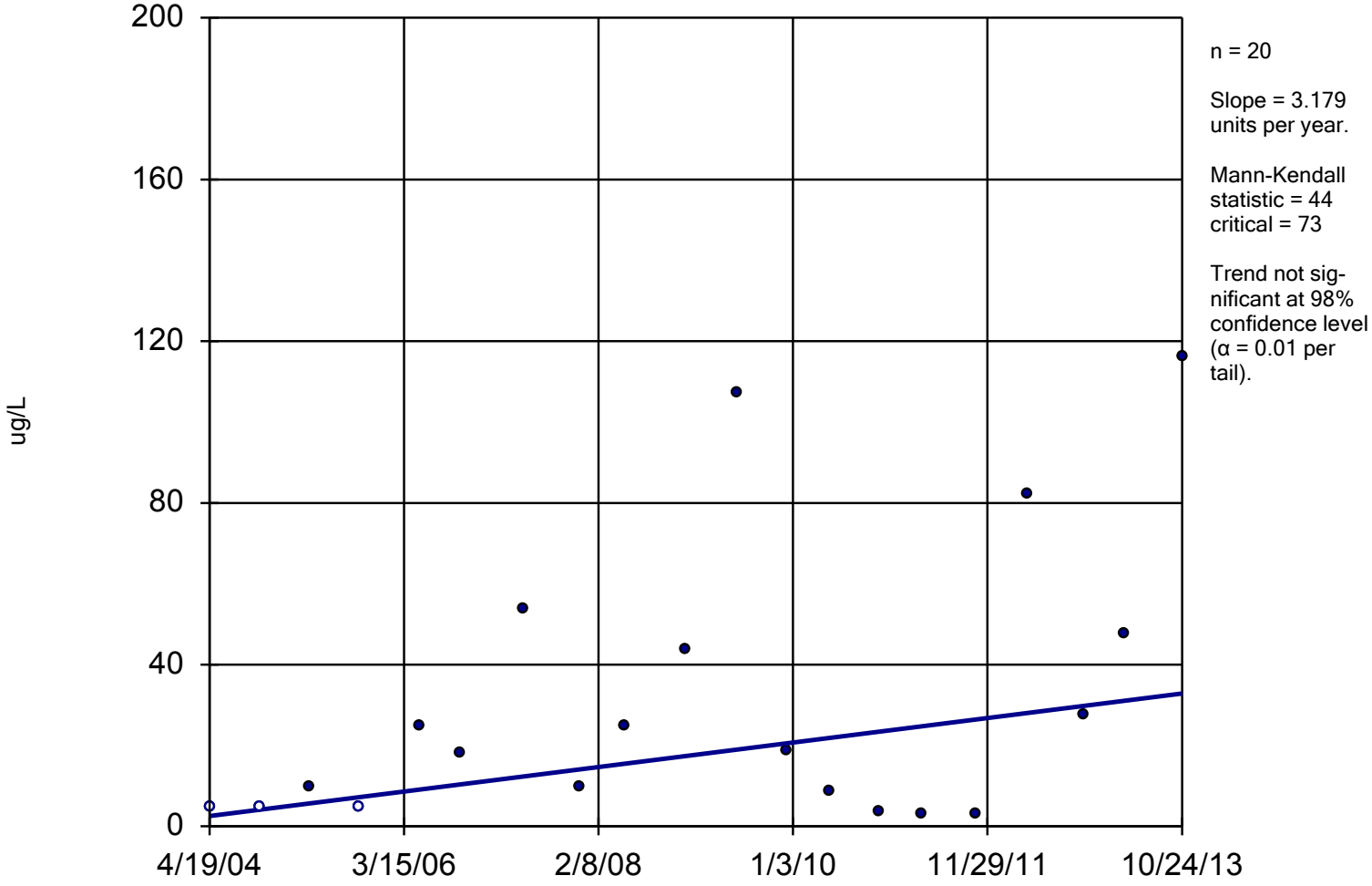
Constituent: Nickel Total Analysis Run 11/26/2013 9:03 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-19A



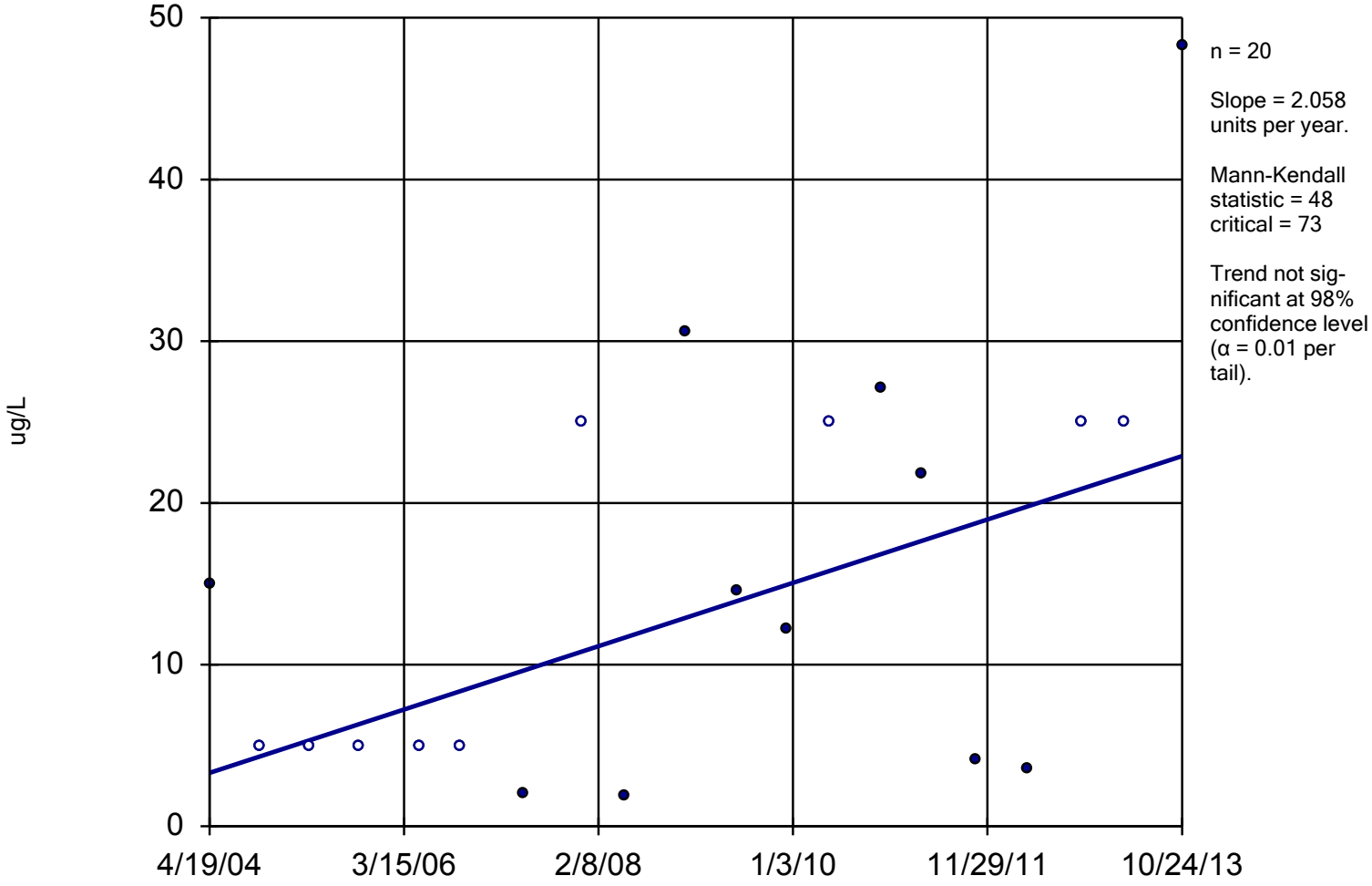
Constituent: Nickel Total Analysis Run 11/26/2013 9:00 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-22

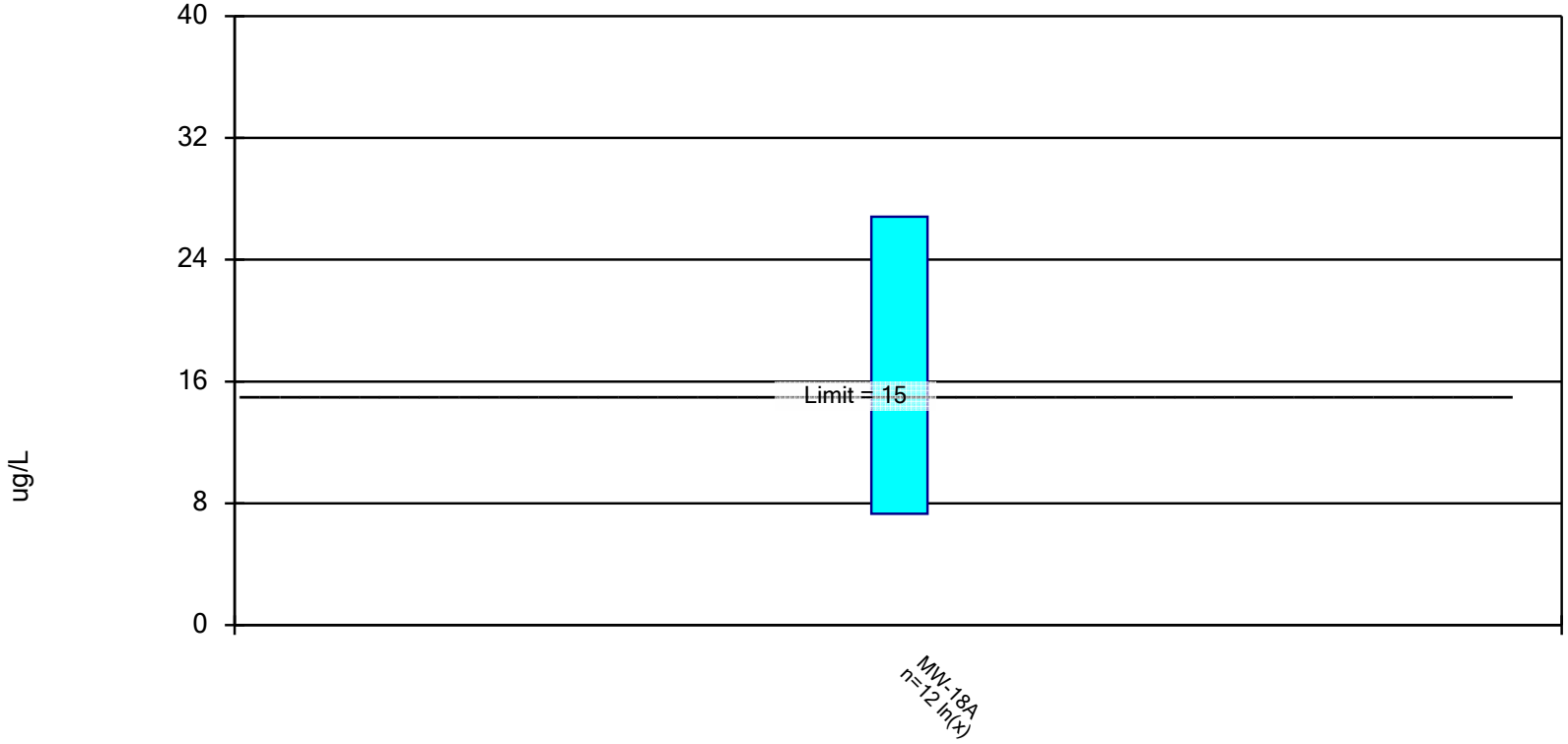


Constituent: Vanadium Total Analysis Run 11/26/2013 9:00 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Total Analysis Run 11/26/2013 3:29 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

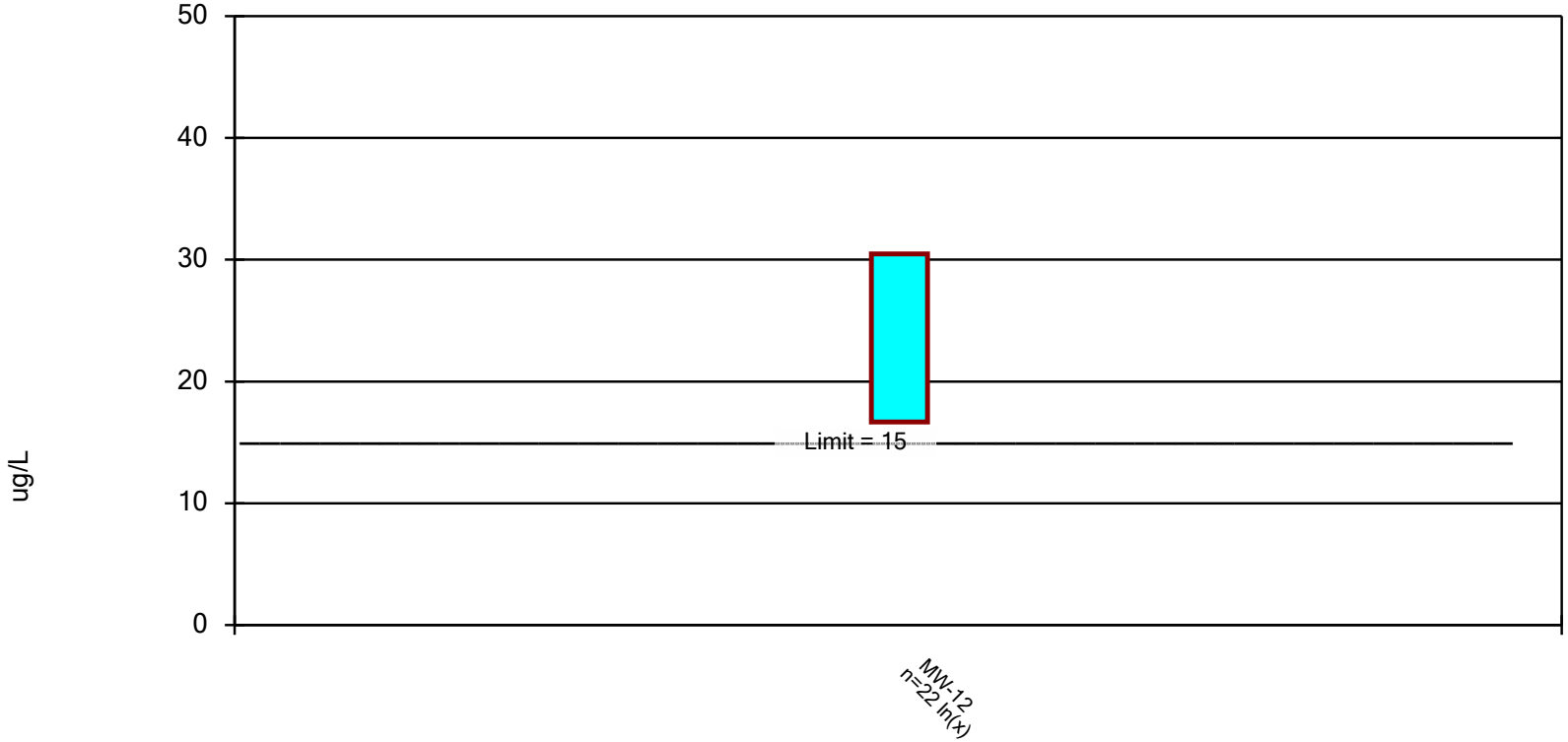
Constituent: Cobalt Total (ug/L) Analysis Run 11/26/2013 3:29 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-18A
5/13/2008	18
12/15/2008	14.8
6/18/2009	79.2
12/15/2009	15.7
5/11/2010	12
11/11/2010	10.7
4/7/2011	3.41 (J)
10/21/2011	6.89
4/25/2012	22.3
10/30/2012	5.51 (J)
4/3/2013	13.8
10/23/2013	33.7
Mean	19.67
Std. Dev.	20.43
Upper Lim.	26.82
Lower Lim.	7.318

Parametric Confidence Interval

Compliance limit is exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Total Analysis Run 11/26/2013 3:30 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

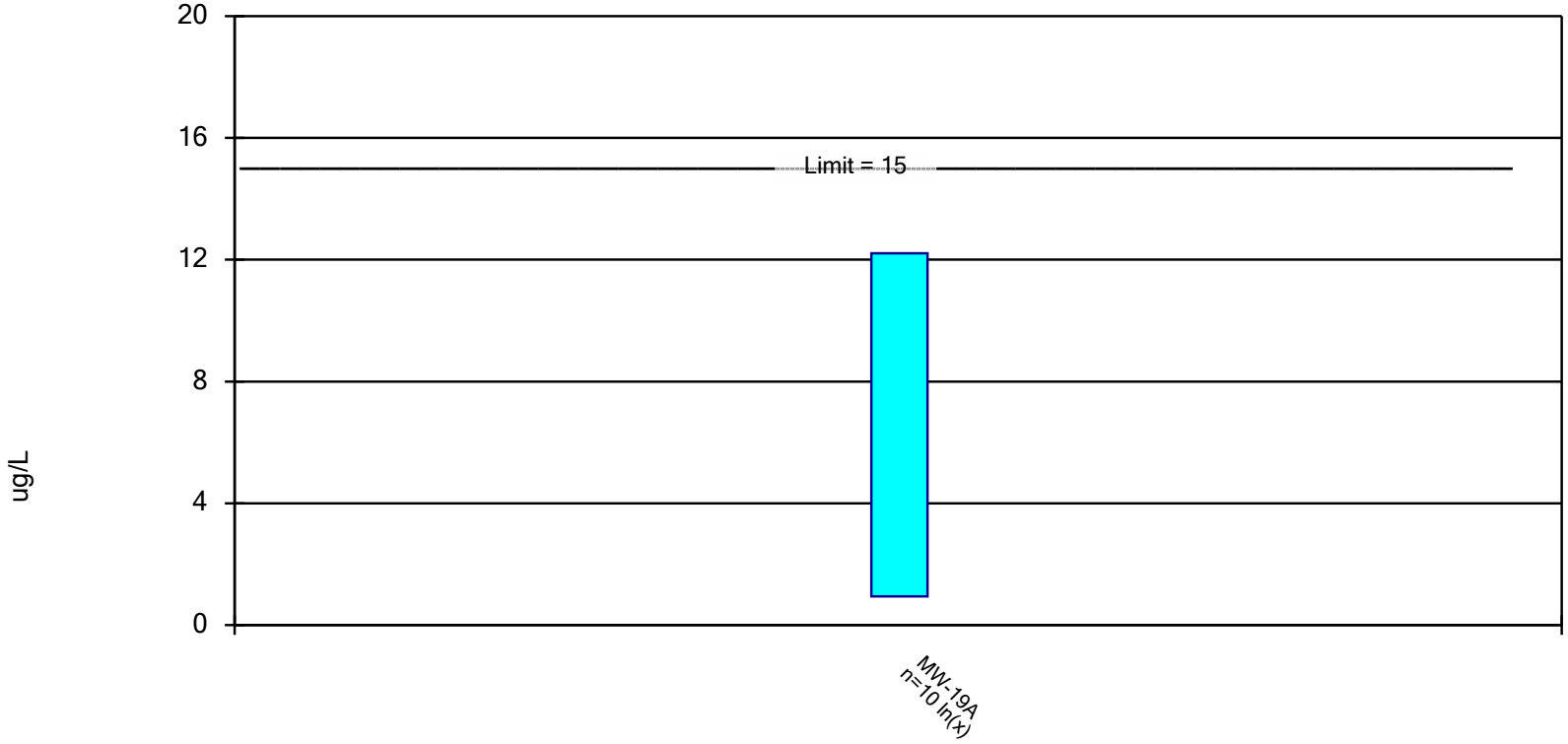
Constituent: Cobalt Total (ug/L) Analysis Run 11/26/2013 3:30 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-12
10/25/2003	28
12/12/2003	41
4/21/2004	15
10/20/2004	20
4/13/2005	15
10/7/2005	14
5/9/2006	25
10/5/2006	15
5/15/2007	12
12/5/2007	14
5/12/2008	14
12/12/2008	11.9
6/15/2009	13.1
12/14/2009	20.8
5/4/2010	54.9
11/10/2010	83.7
4/8/2011	47.9
10/27/2011	17.9
4/24/2012	27.6
11/8/2012	50.1
4/4/2013	17.9
10/22/2013	28.9
Mean	26.71
Std. Dev.	18.26
Upper Lim.	30.49
Lower Lim.	16.67

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Total Analysis Run 11/26/2013 3:31 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

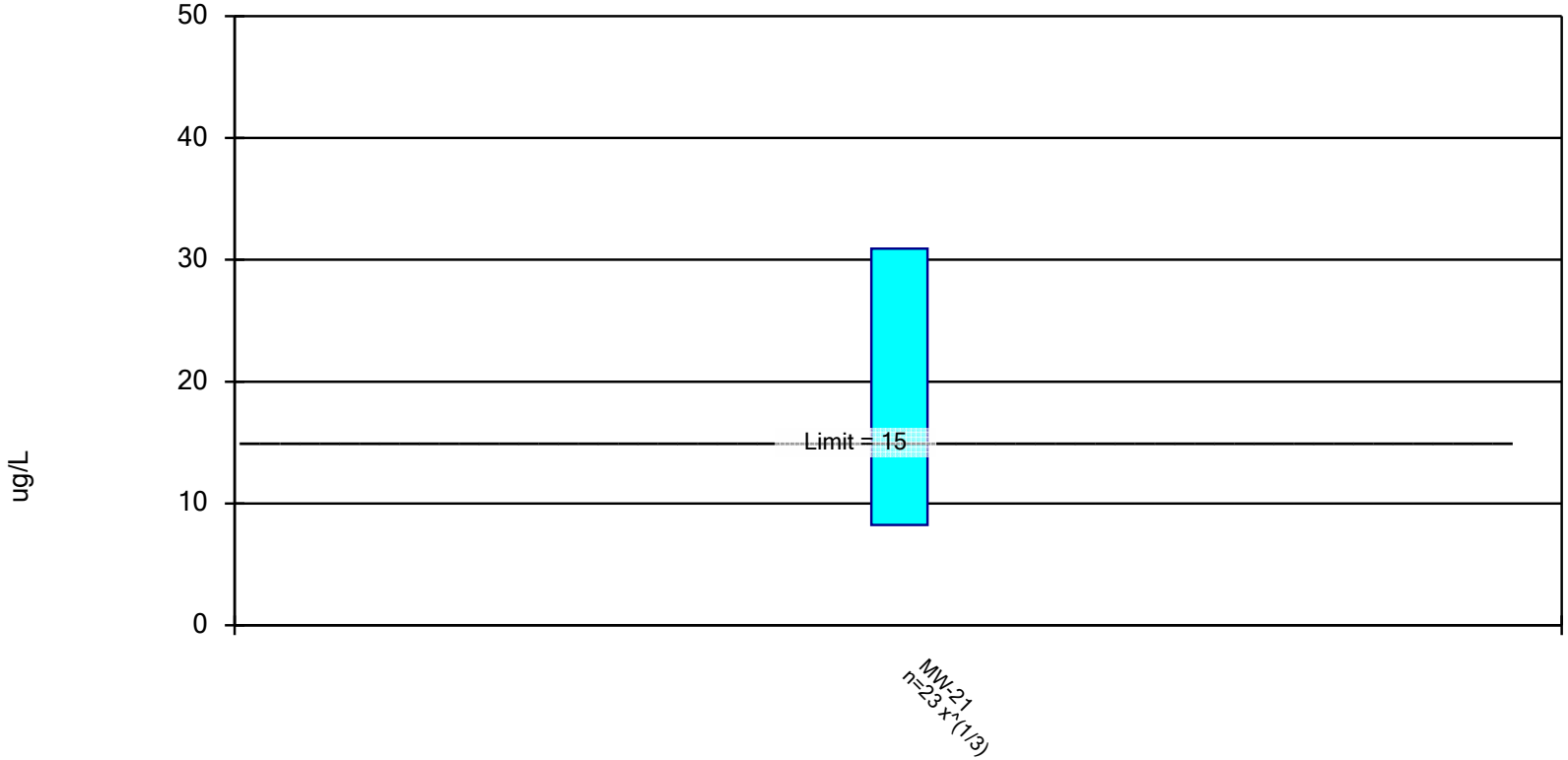
Constituent: Cobalt Total (ug/L) Analysis Run 11/26/2013 3:31 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-19A
6/18/2009	19.7
12/15/2009	3.01 (J)
5/11/2010	1.91 (J)
11/9/2010	0.76 (J)
4/6/2011	0.54 (J)
10/21/2011	0.49
4/25/2012	11
11/8/2012	5.24 (J)
4/4/2013	6.45 (J)
10/24/2013	23.7
Mean	7.28
Std. Dev.	8.324
Upper Lim.	12.21
Lower Lim.	0.9414

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Total Analysis Run 11/26/2013 3:33 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

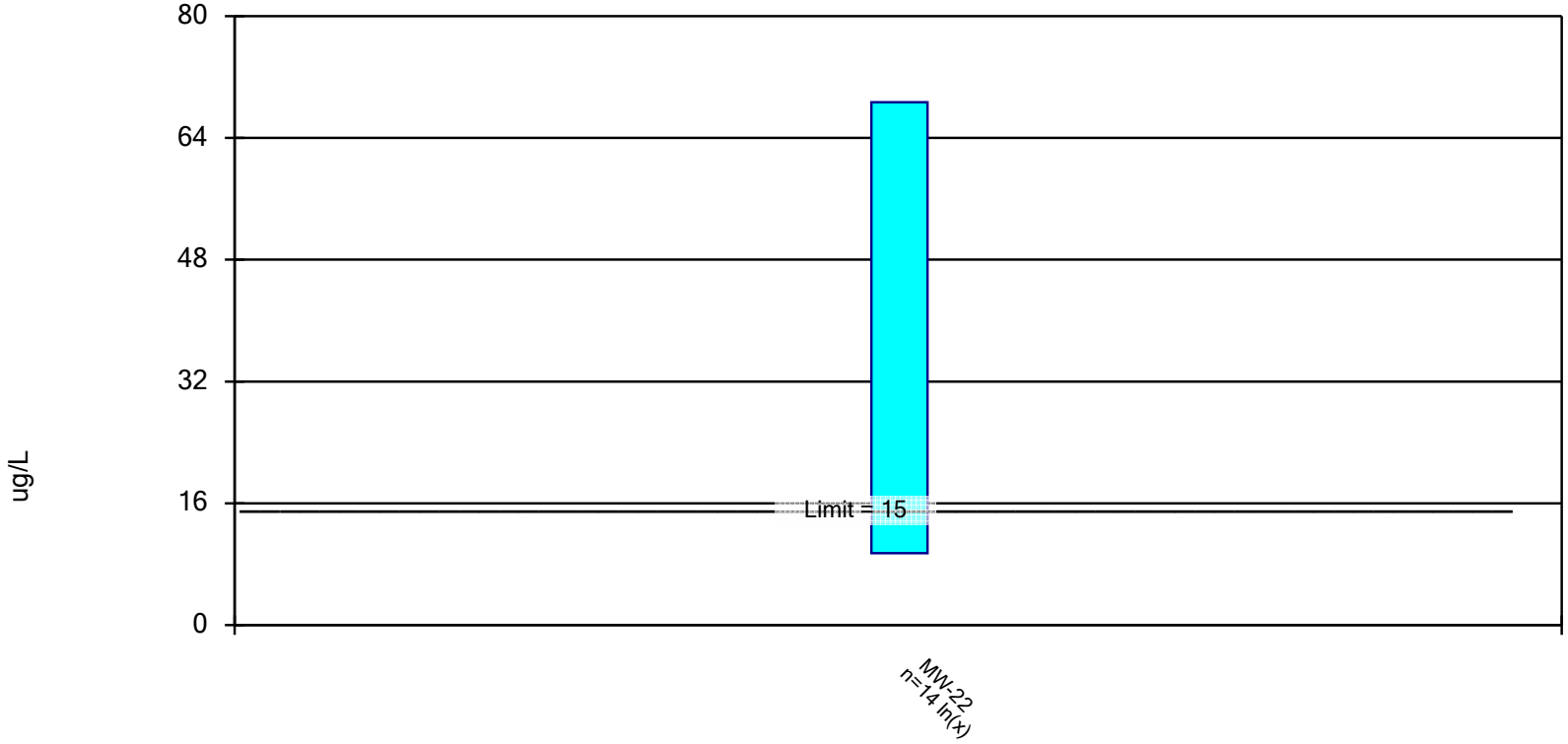
Constituent: Cobalt Total (ug/L) Analysis Run 11/26/2013 3:33 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-21
4/21/2004	33
6/28/2004	7.8
10/20/2004	96
4/15/2005	28
7/27/2005	<5
12/2/2005	<5
5/10/2006	35
8/3/2006	<10
10/5/2006	7.5
5/16/2007	1.8
12/10/2007	52
5/15/2008	4.8
12/15/2008	24
6/16/2009	2.96 (J)
12/16/2009	0.95 (J)
5/7/2010	2.06 (J)
11/12/2010	29.8
4/13/2011	45.7
10/25/2011	26.8
4/24/2012	36.2
10/30/2012	65.6
4/4/2013	19.3
10/24/2013	61.8
Mean	25.7
Std. Dev.	25.32
Upper Lim.	30.92
Lower Lim.	8.235

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Total Analysis Run 11/26/2013 3:34 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

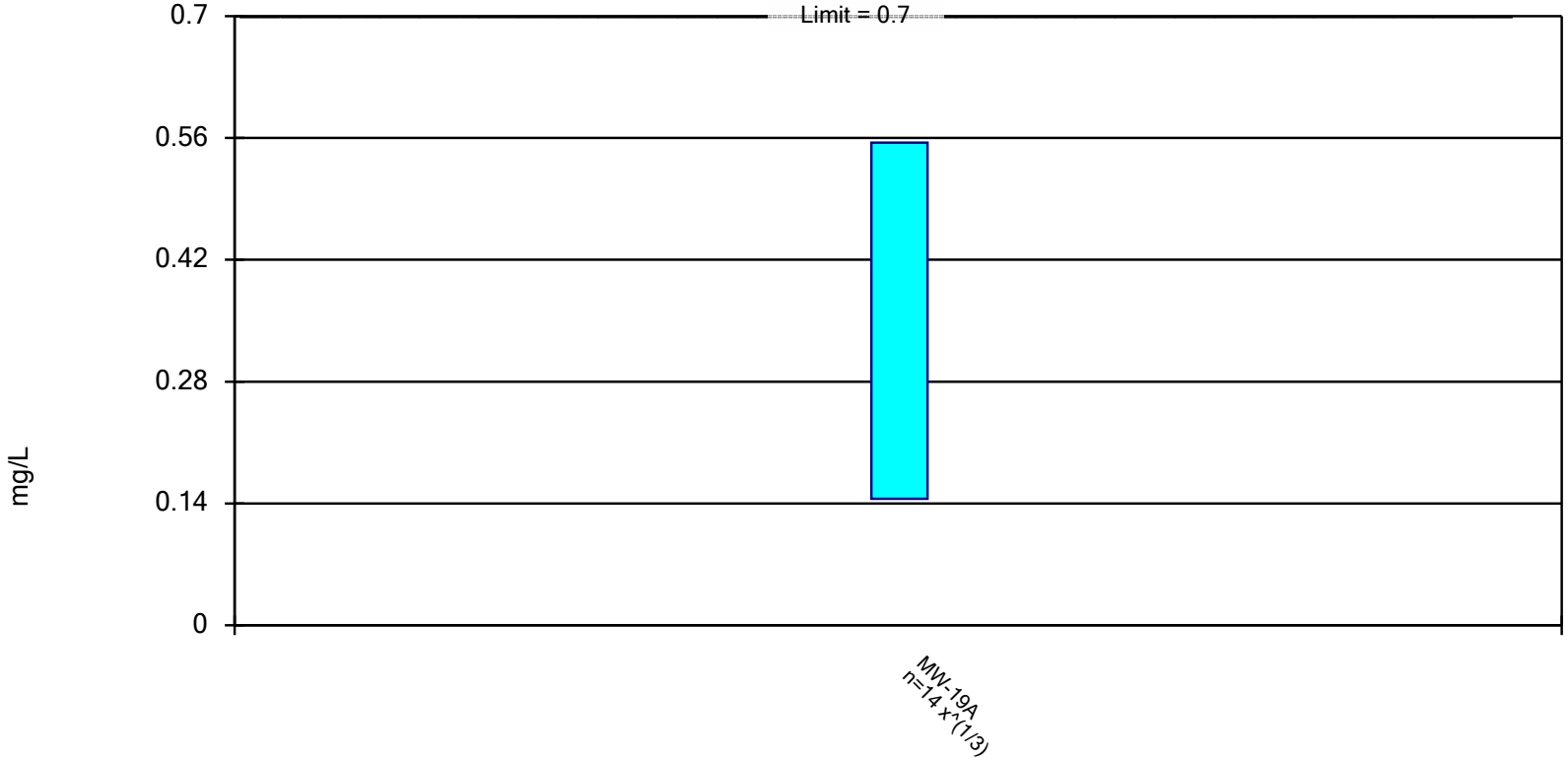
Constituent: Cobalt Total (ug/L) Analysis Run 11/26/2013 3:35 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-22
5/16/2007	51
12/10/2007	110
5/15/2008	280
12/12/2008	17.3
6/15/2009	34
12/15/2009	3.95 (J)
5/11/2010	31.5
11/15/2010	43.8
4/11/2011	49.1
10/20/2011	1.5
4/24/2012	27
10/30/2012	10.8
4/3/2013	5.19 (J)
10/24/2013	84.7
Mean	53.56
Std. Dev.	72.21
Upper Lim.	68.71
Lower Lim.	9.419

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Total Analysis Run 11/26/2013 3:36 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

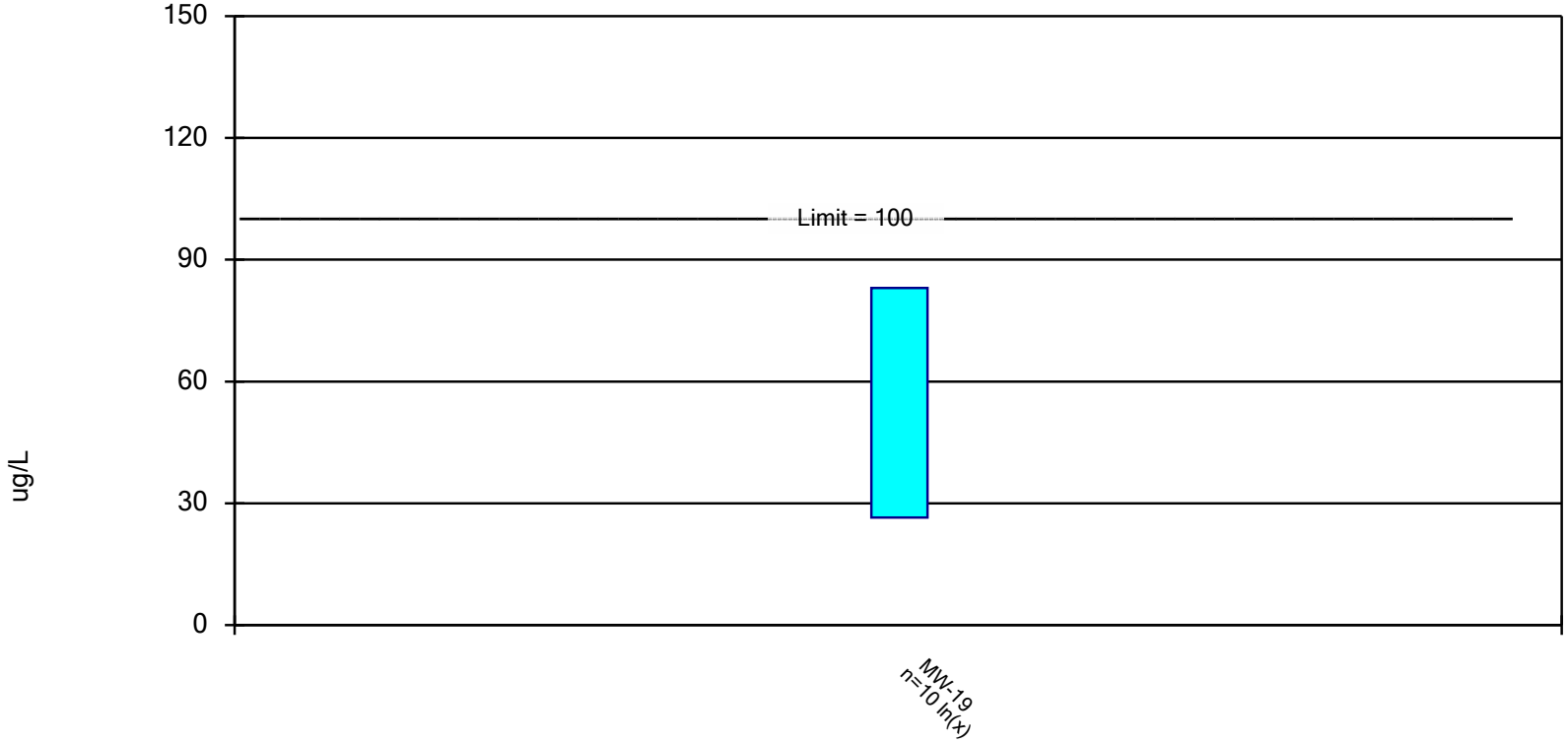
Constituent: Barium Total (mg/L) Analysis Run 11/26/2013 3:36 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-19A
5/15/2007	0.94
12/7/2007	0.21
5/13/2008	0.45
12/15/2008	0.599
6/18/2009	0.84
12/15/2009	0.199
5/11/2010	0.104
11/9/2010	0.0646 (J)
4/6/2011	0.0629 (J)
10/21/2011	0.0697
4/25/2012	0.637
11/8/2012	0.222
4/4/2013	0.316
10/24/2013	0.715
Mean	0.3878
Std. Dev.	0.3062
Upper Lim.	0.5547
Lower Lim.	0.1454

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Nickel Total Analysis Run 11/26/2013 3:37 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

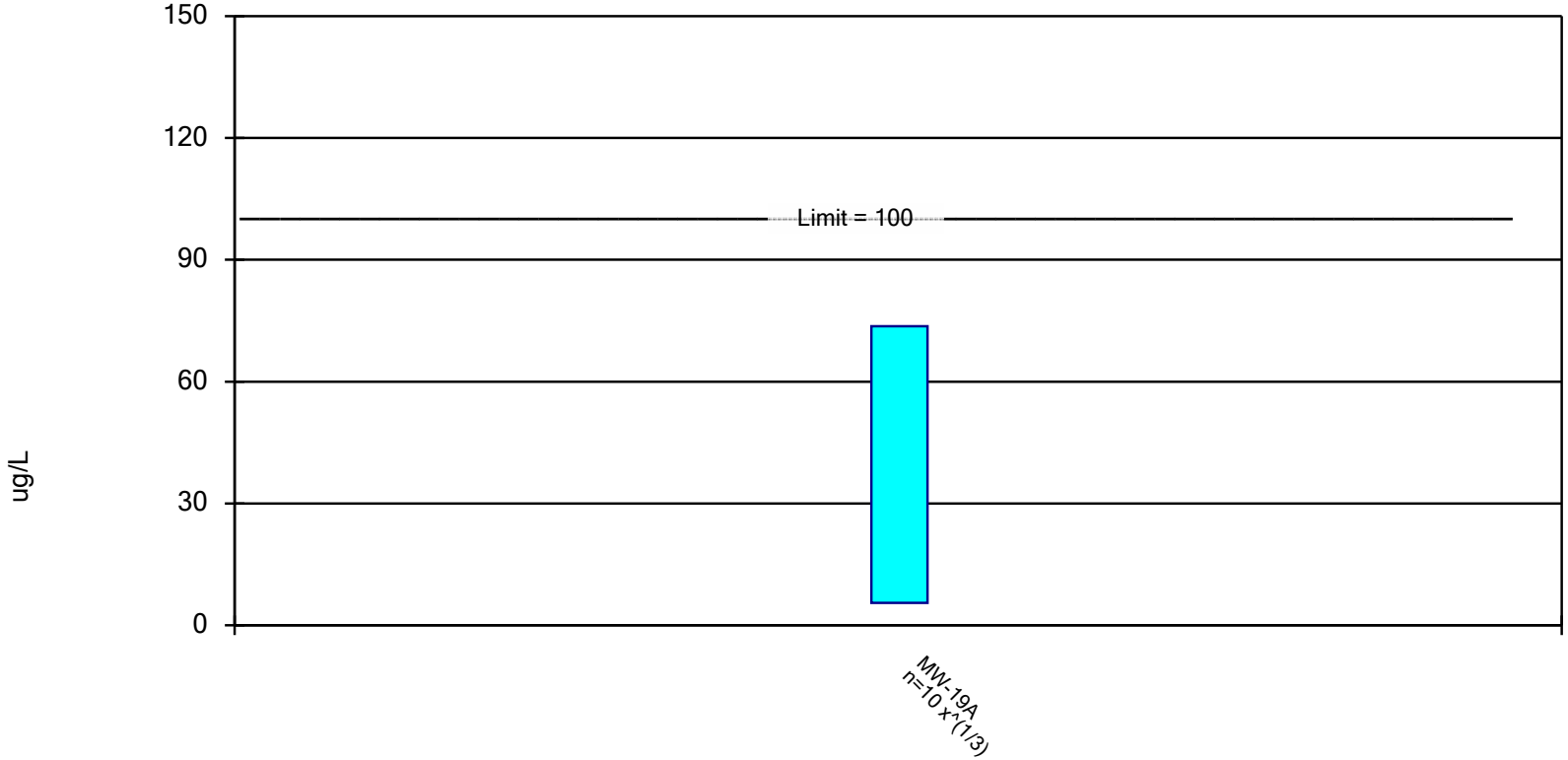
Constituent: Nickel Total (ug/L) Analysis Run 11/26/2013 3:37 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-19
6/18/2009	106
12/15/2009	42.2 (J)
5/11/2010	27.7 (J)
11/9/2010	26.7 (J)
4/6/2011	23.5 (J)
10/21/2011	25.8
4/25/2012	66.2
10/30/2012	35.2 (J)
4/4/2013	85.6
10/24/2013	129
Mean	56.79
Std. Dev.	38.08
Upper Lim.	83.07
Lower Lim.	26.49

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Nickel Total Analysis Run 11/26/2013 3:38 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

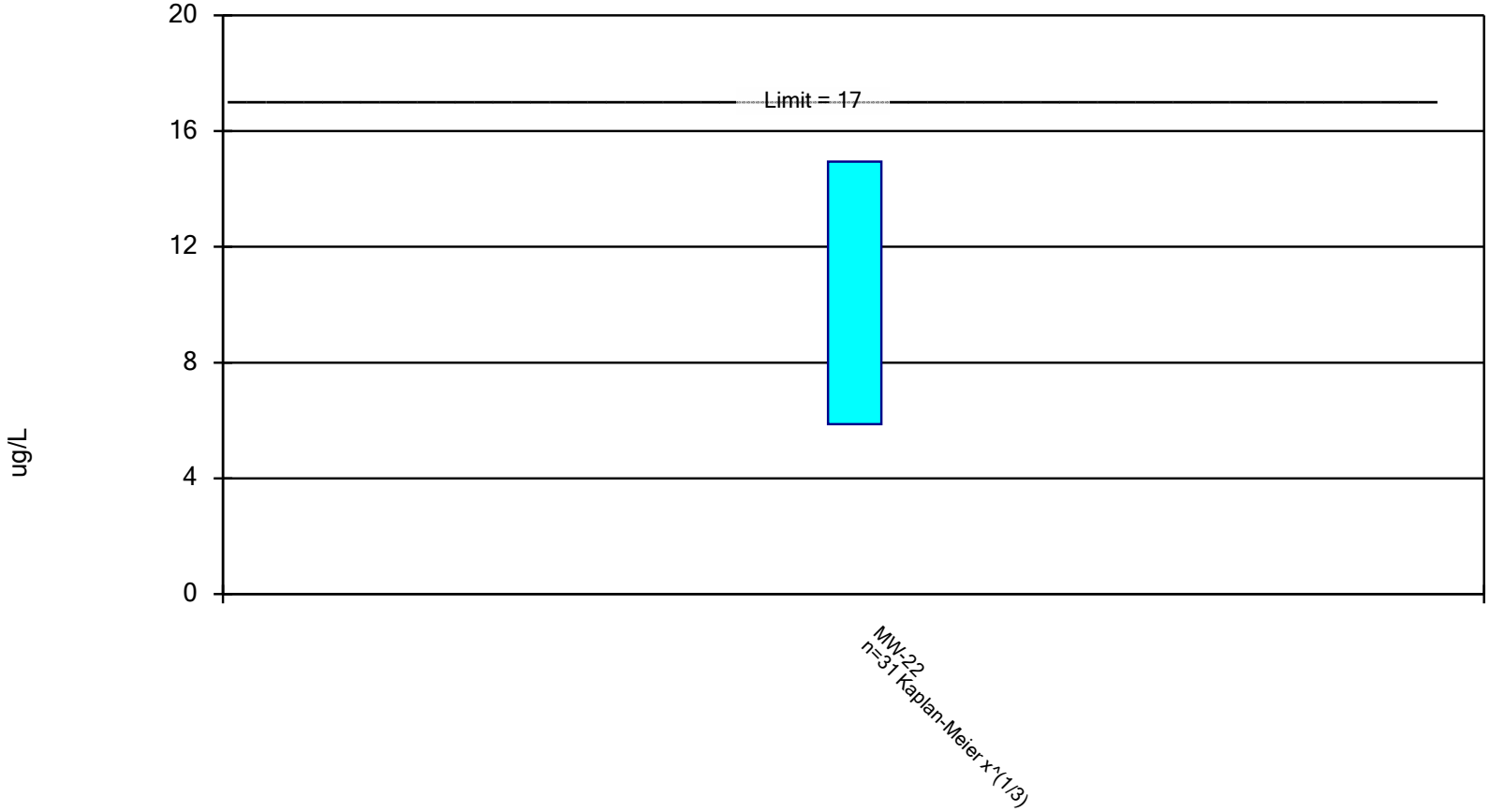
Constituent: Nickel Total (ug/L) Analysis Run 11/26/2013 3:38 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-19A
6/18/2009	107
12/15/2009	18.4 (J)
5/11/2010	8.84 (J)
11/9/2010	3.84 (J)
4/6/2011	3 (J)
10/21/2011	3.08
4/25/2012	82.3
11/8/2012	27.6 (J)
4/4/2013	47.4 (J)
10/24/2013	116
Mean	41.75
Std. Dev.	44.36
Upper Lim.	73.67
Lower Lim.	5.5

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Vanadium Total Analysis Run 11/26/2013 3:39 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

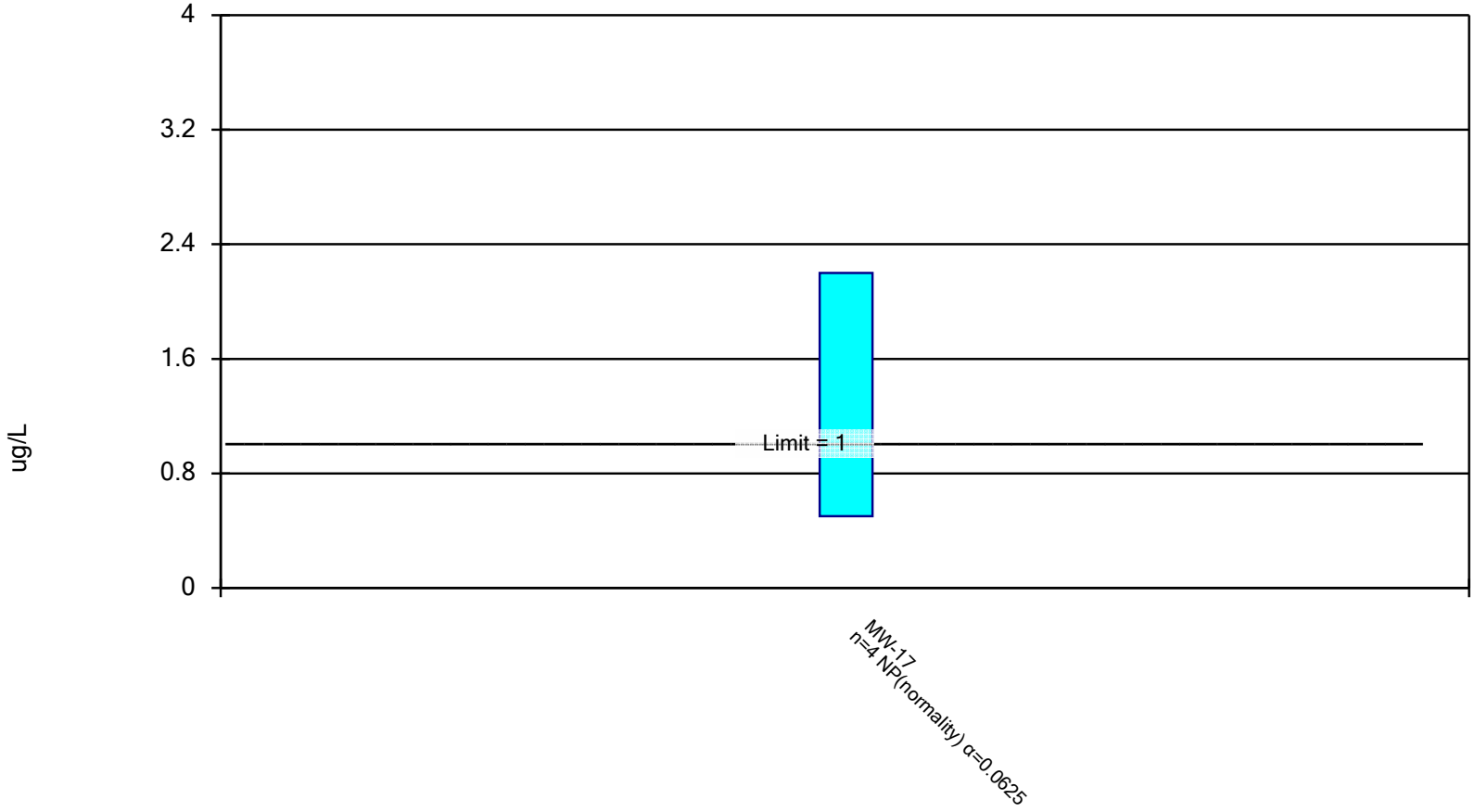
Constituent: Vanadium Total (ug/L) Analysis Run 11/26/2013 3:39 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-22
8/27/1998	31.7
2/25/1999	47.5
8/26/1999	17.4
2/24/2000	33.6
10/17/2000	20
4/24/2001	11
10/17/2001	7.1
5/15/2002	8.8
10/14/2002	7.4
4/8/2003	<5
10/25/2003	<5
4/19/2004	15
10/18/2004	<5
4/12/2005	<5
10/4/2005	<5
5/9/2006	<5
10/3/2006	<5
5/16/2007	2
12/10/2007	<25
5/15/2008	1.9
12/12/2008	30.6
6/15/2009	14.6 (J)
12/15/2009	12.2 (J)
5/11/2010	<25
11/15/2010	27.1
4/11/2011	21.8 (J)
10/20/2011	4.11
4/24/2012	3.55 (J)
10/30/2012	<25
4/3/2013	<25
10/24/2013	48.3
Mean	13.97
Std. Dev.	13.06
Upper Lim.	14.95
Lower Lim.	5.87

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



Constituent: 12-Dichloroethane Analysis Run 11/26/2013 3:41 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

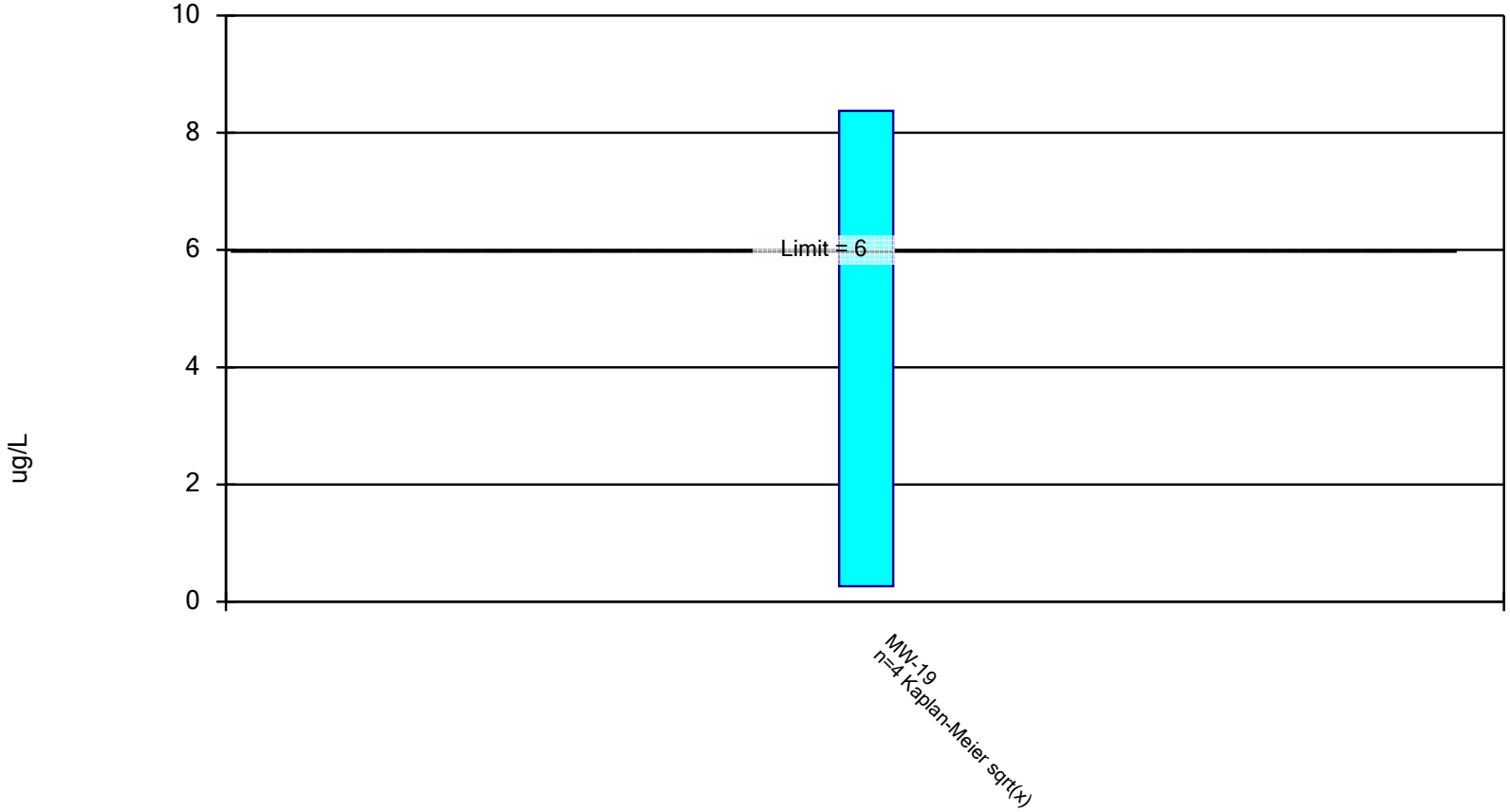
Constituent: 12-Dichloroethane (ug/L) Analysis Run 11/26/2013 3:42 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-17
4/25/2012	<1
10/30/2012	<1
4/2/2013	<1
10/23/2013	2.2
Mean	0.925
Std. Dev.	0.85
Upper Lim.	2.2
Lower Lim.	0.5

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: 14-Dichlorobenzene Analysis Run 11/26/2013 3:42 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

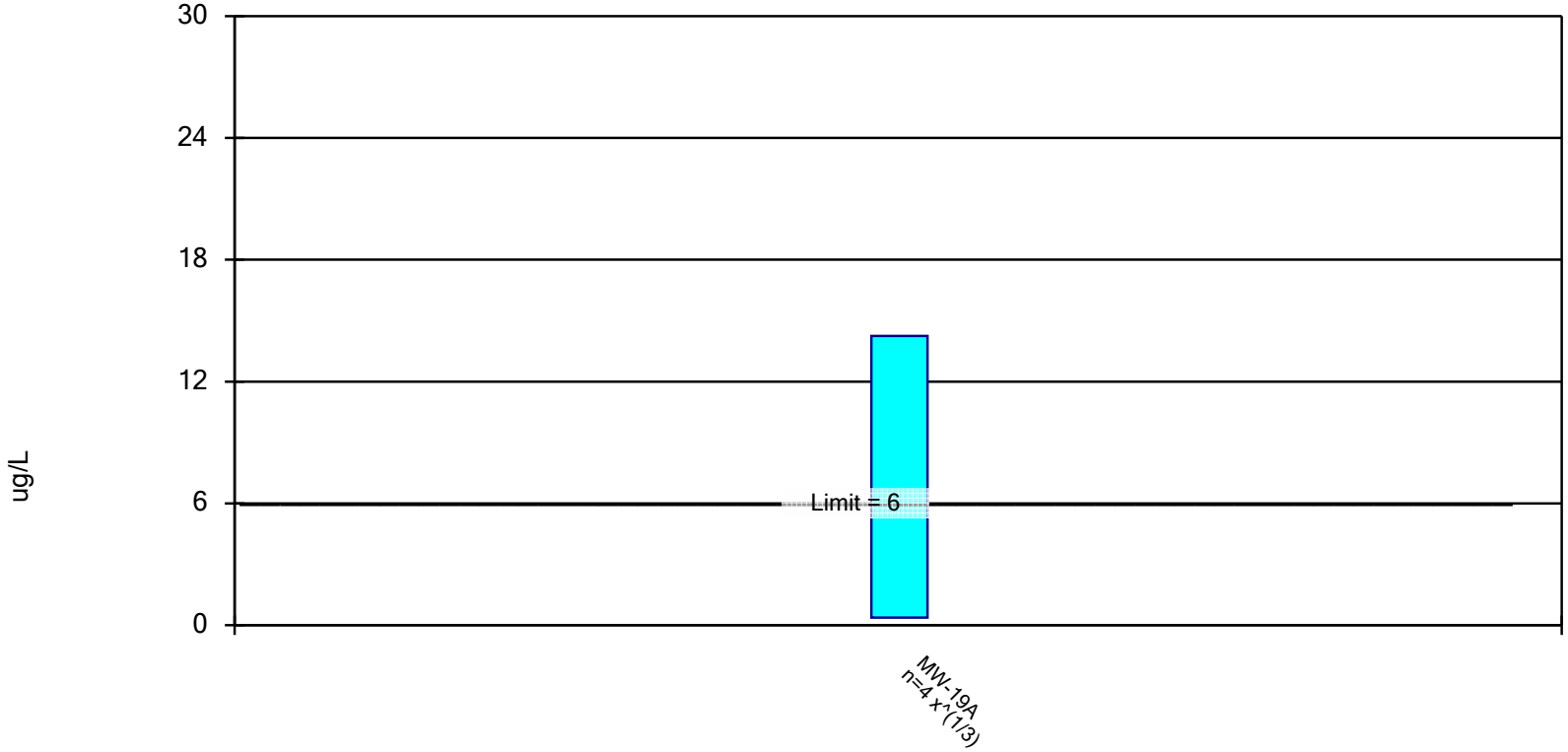
Constituent: 14-Dichlorobenzene (ug/L) Analysis Run 11/26/2013 3:42 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-19
4/25/2012	2.5
10/30/2012	<1
4/4/2013	3.1
10/24/2013	6.1
Mean	3.05
Std. Dev.	2.317
Upper Lim.	8.374
Lower Lim.	0.2623

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: 14-Dichlorobenzene Analysis Run 11/26/2013 3:43 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

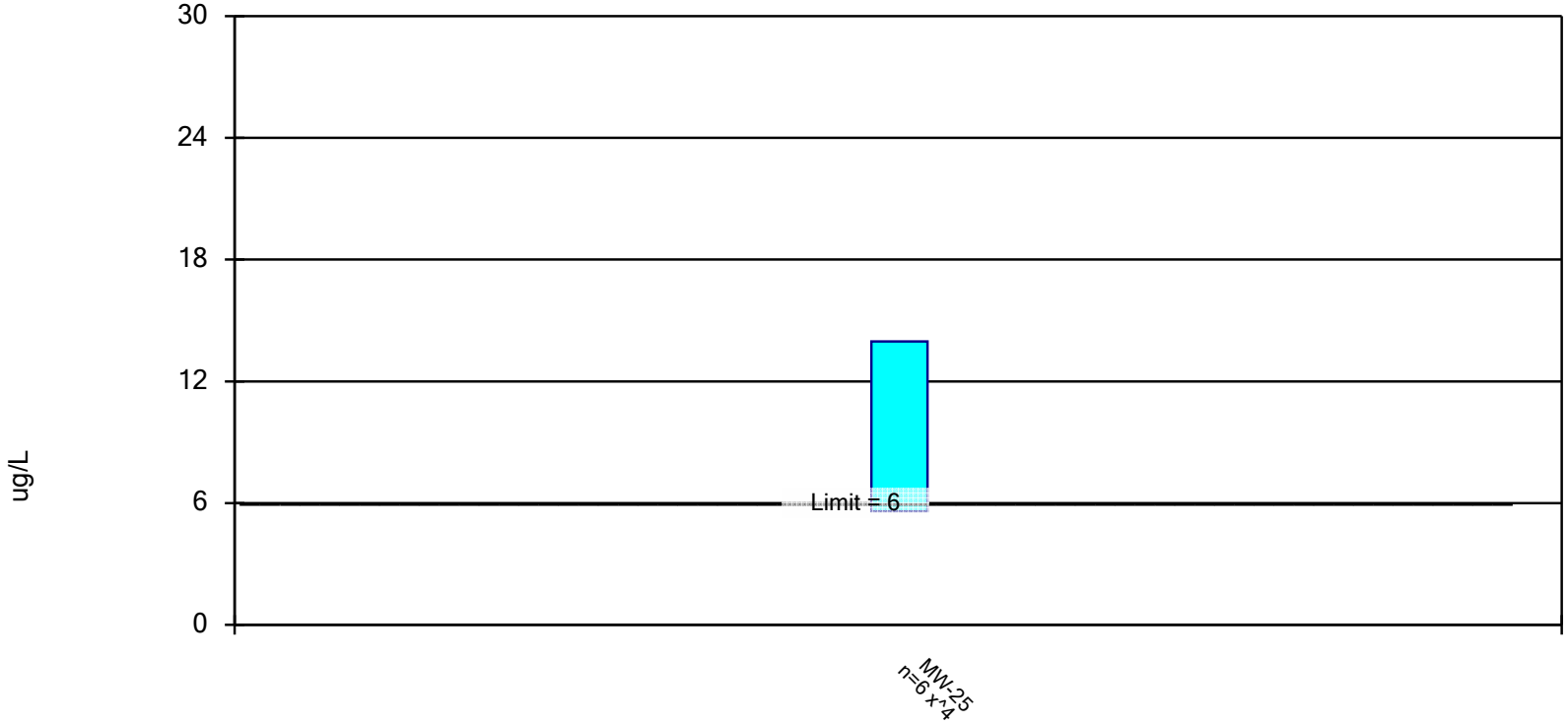
Constituent: 14-Dichlorobenzene (ug/L) Analysis Run 11/26/2013 3:43 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-19A
4/25/2012	5.4
11/8/2012	1.5
4/4/2013	2.7
10/24/2013	7.9
Mean	4.375
Std. Dev.	2.861
Upper Lim.	14.25
Lower Lim.	0.3688

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: 14-Dichlorobenzene Analysis Run 11/26/2013 3:44 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

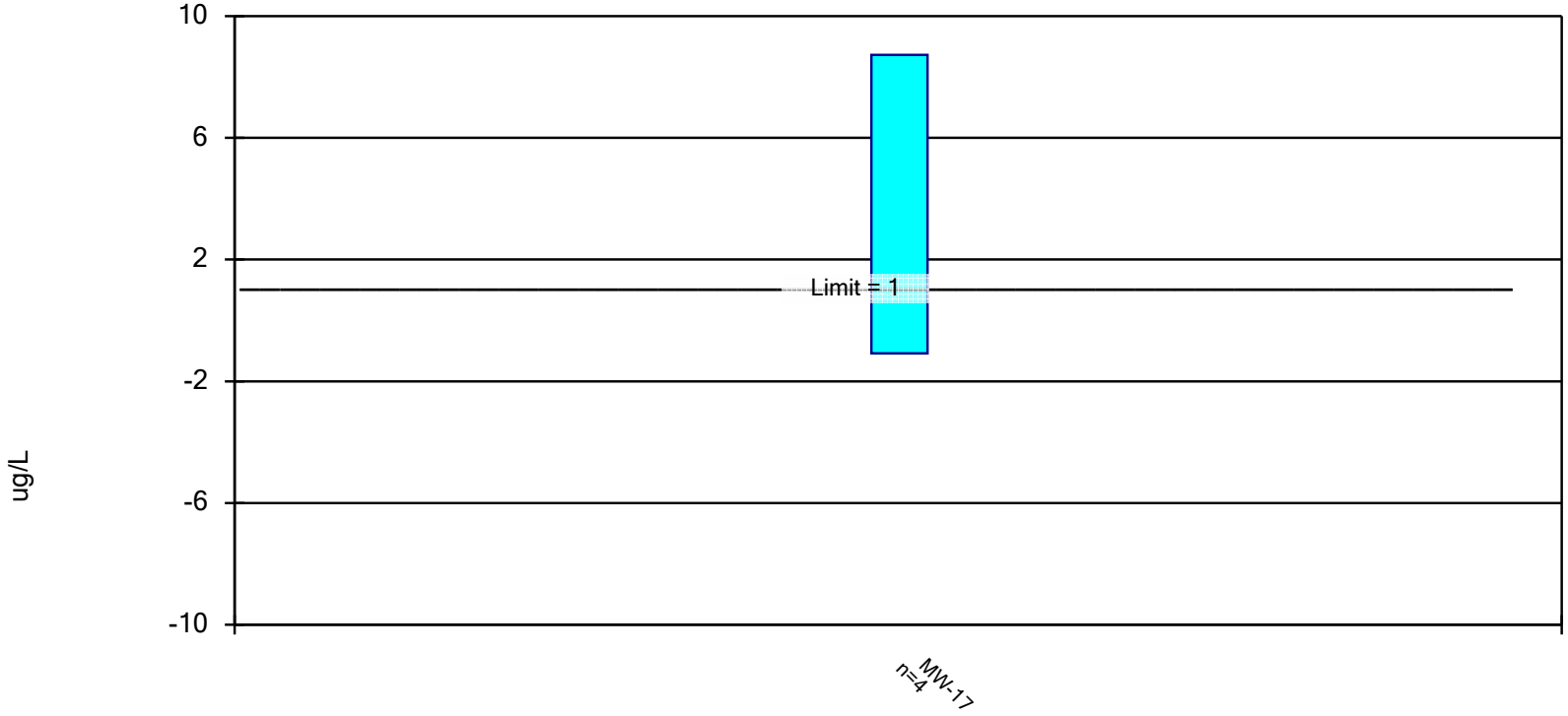
Constituent: 14-Dichlorobenzene (ug/L) Analysis Run 11/26/2013 3:44 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-25
4/7/2011	6.8
10/20/2011	9
4/25/2012	12
10/30/2012	12
4/3/2013	14
10/22/2013	13
Mean	11.13
Std. Dev.	2.703
Upper Lim.	13.97
Lower Lim.	5.586

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Benzene Analysis Run 11/26/2013 3:45 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

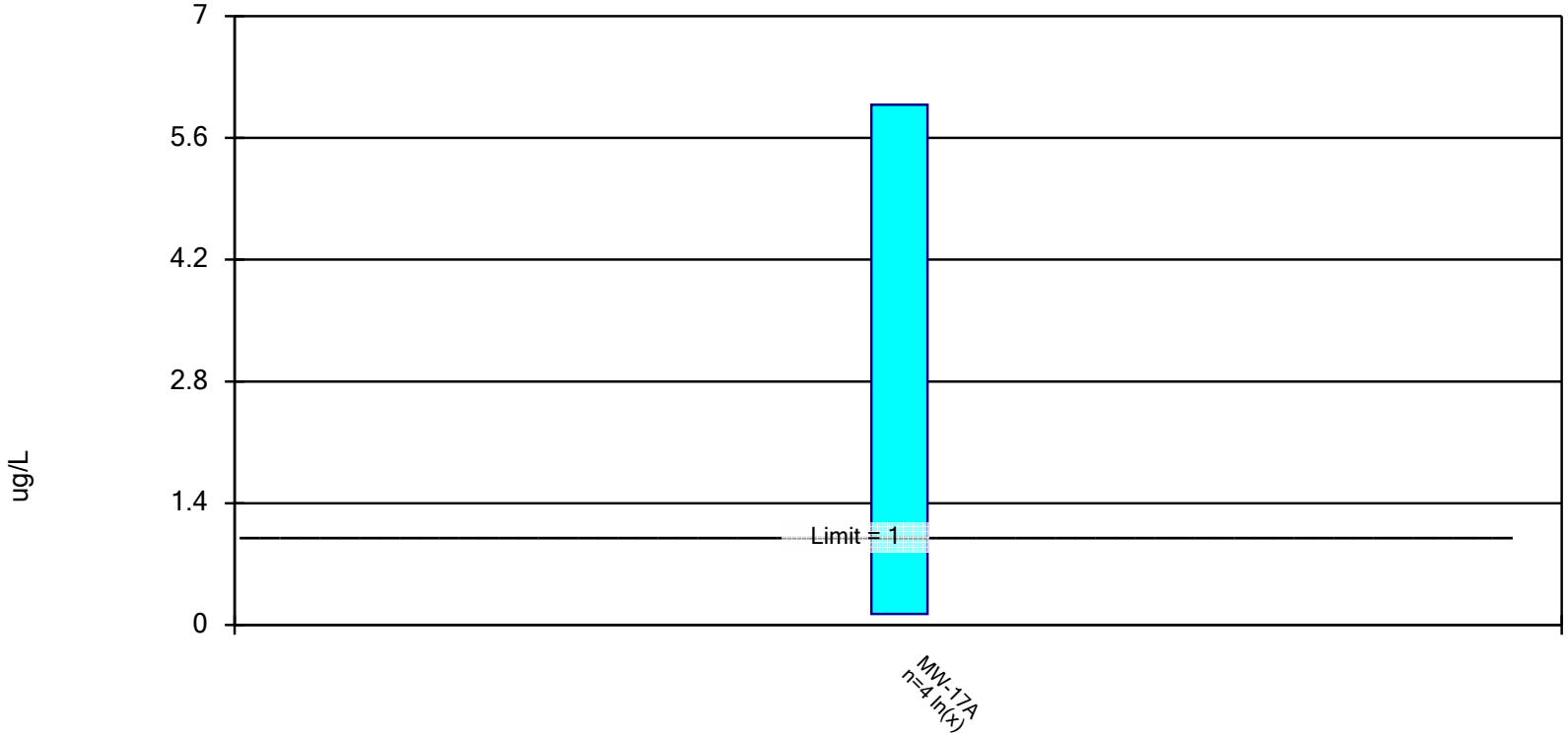
Constituent: Benzene (ug/L) Analysis Run 11/26/2013 3:45 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-17
4/25/2012	4.8
10/30/2012	2.8
4/2/2013	1.4
10/23/2013	6.3
Mean	3.825
Std. Dev.	2.161
Upper Lim.	8.731
Lower Lim.	-1.081

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Benzene Analysis Run 11/26/2013 3:45 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

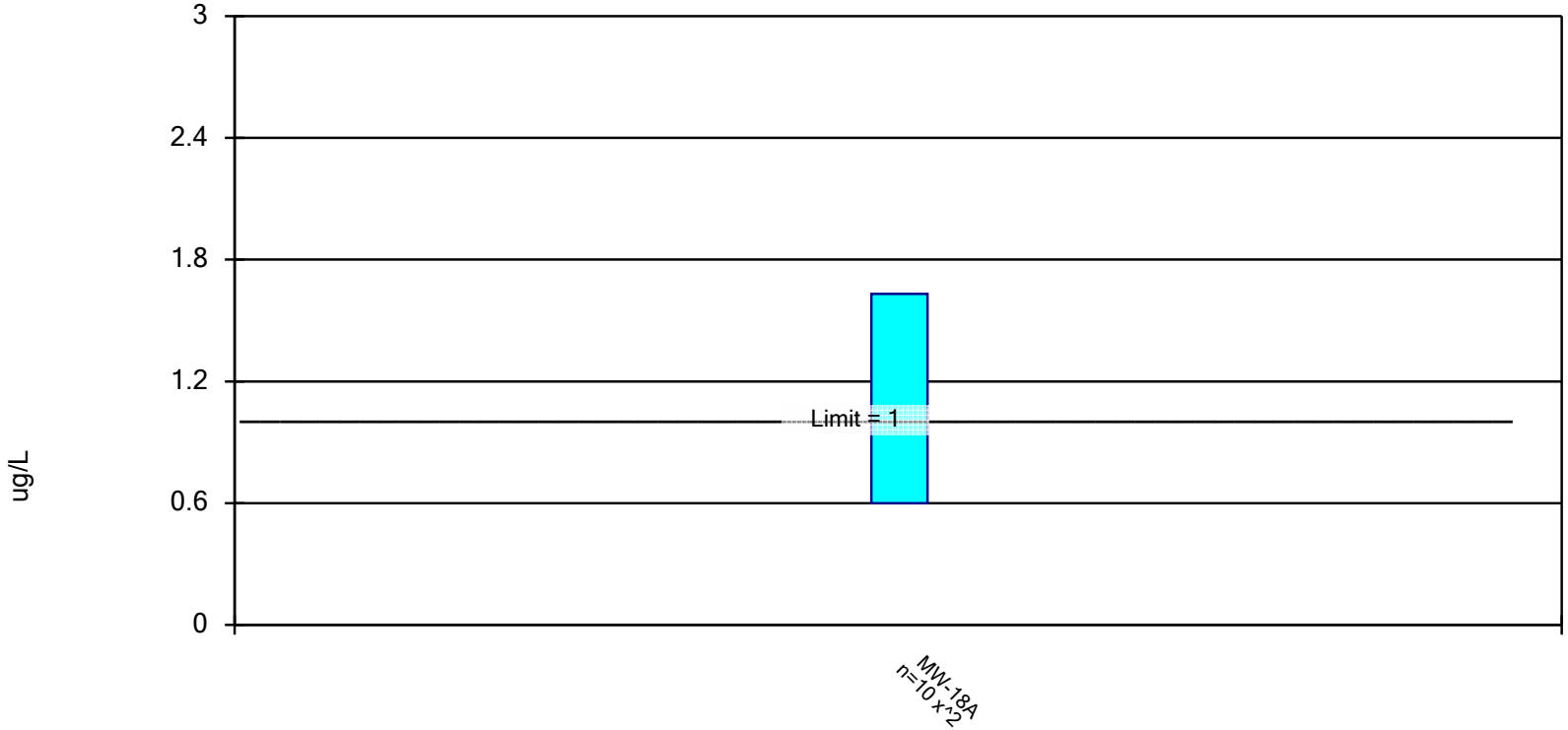
Constituent: Benzene (ug/L) Analysis Run 11/26/2013 3:45 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-17A
4/24/2012	1.1
10/30/2012	0.4 (J)
4/2/2013	0.5 (J)
10/23/2013	2.6
Mean	1.15
Std. Dev.	1.015
Upper Lim.	5.981
Lower Lim.	0.1264

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Benzene Analysis Run 11/26/2013 3:47 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

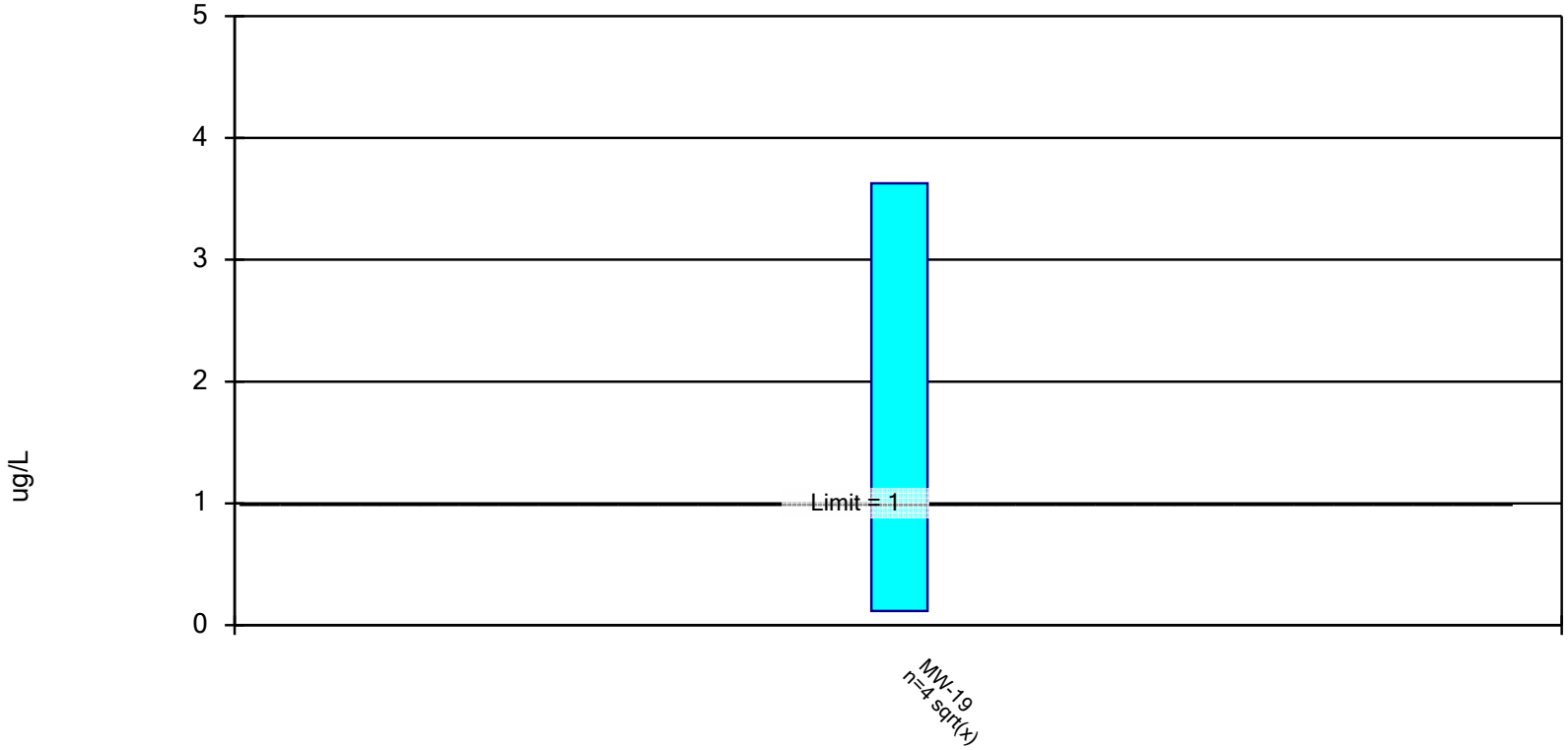
Constituent: Benzene (ug/L) Analysis Run 11/26/2013 3:47 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-18A
6/18/2009	2
12/15/2009	1
5/11/2010	1.6
11/11/2010	0.3 (J)
4/7/2011	0.3 (J)
10/21/2011	0.4
4/25/2012	1
10/30/2012	1.6
4/3/2013	1.3
10/23/2013	1.4
Mean	1.09
Std. Dev.	0.599
Upper Lim.	1.632
Lower Lim.	0.5988

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Benzene Analysis Run 11/26/2013 3:47 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

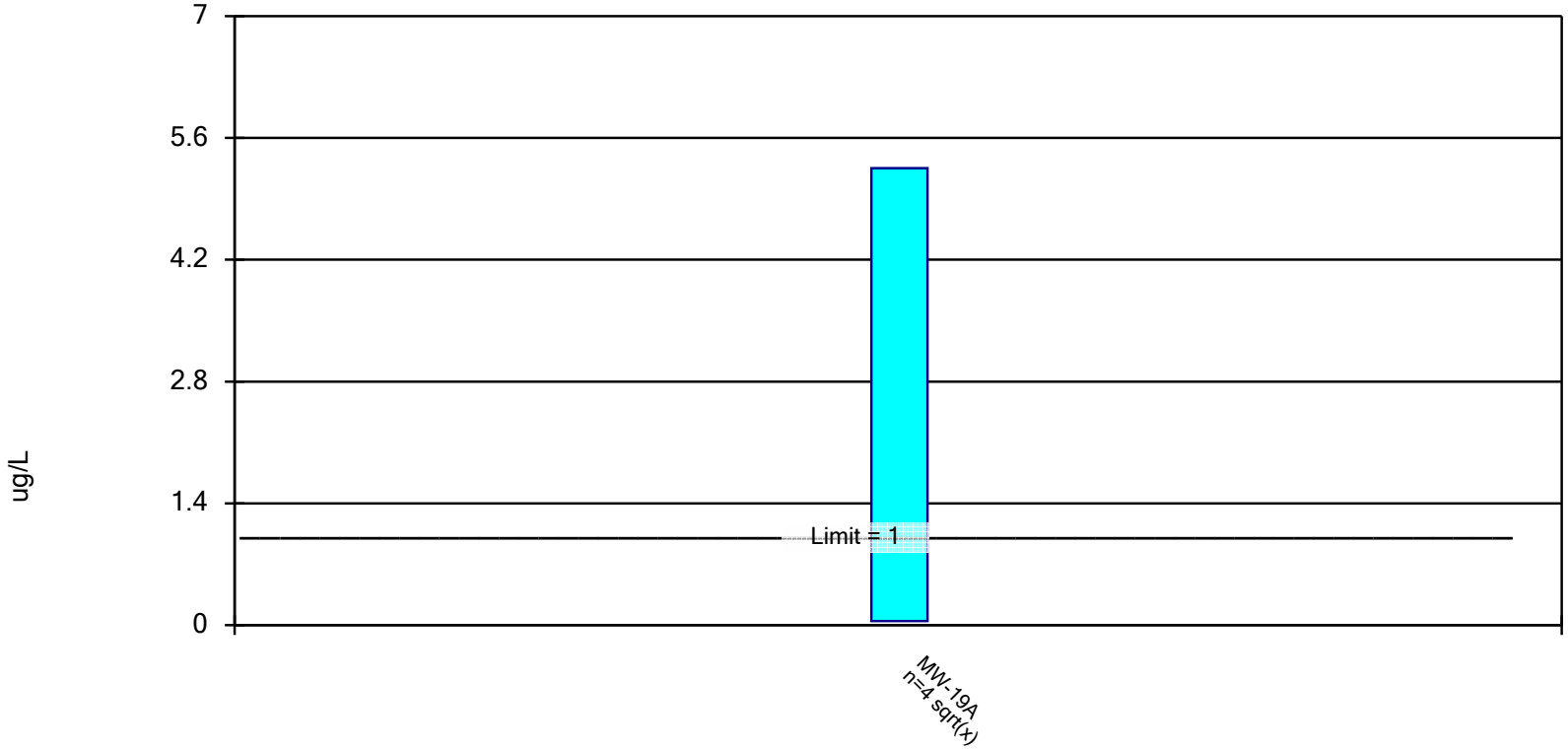
Constituent: Benzene (ug/L) Analysis Run 11/26/2013 3:47 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-19
4/25/2012	1.3
10/30/2012	0.5 (J)
4/4/2013	1.2
10/24/2013	2.4
Mean	1.35
Std. Dev.	0.7853
Upper Lim.	3.628
Lower Lim.	0.1165

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Benzene Analysis Run 11/26/2013 3:48 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

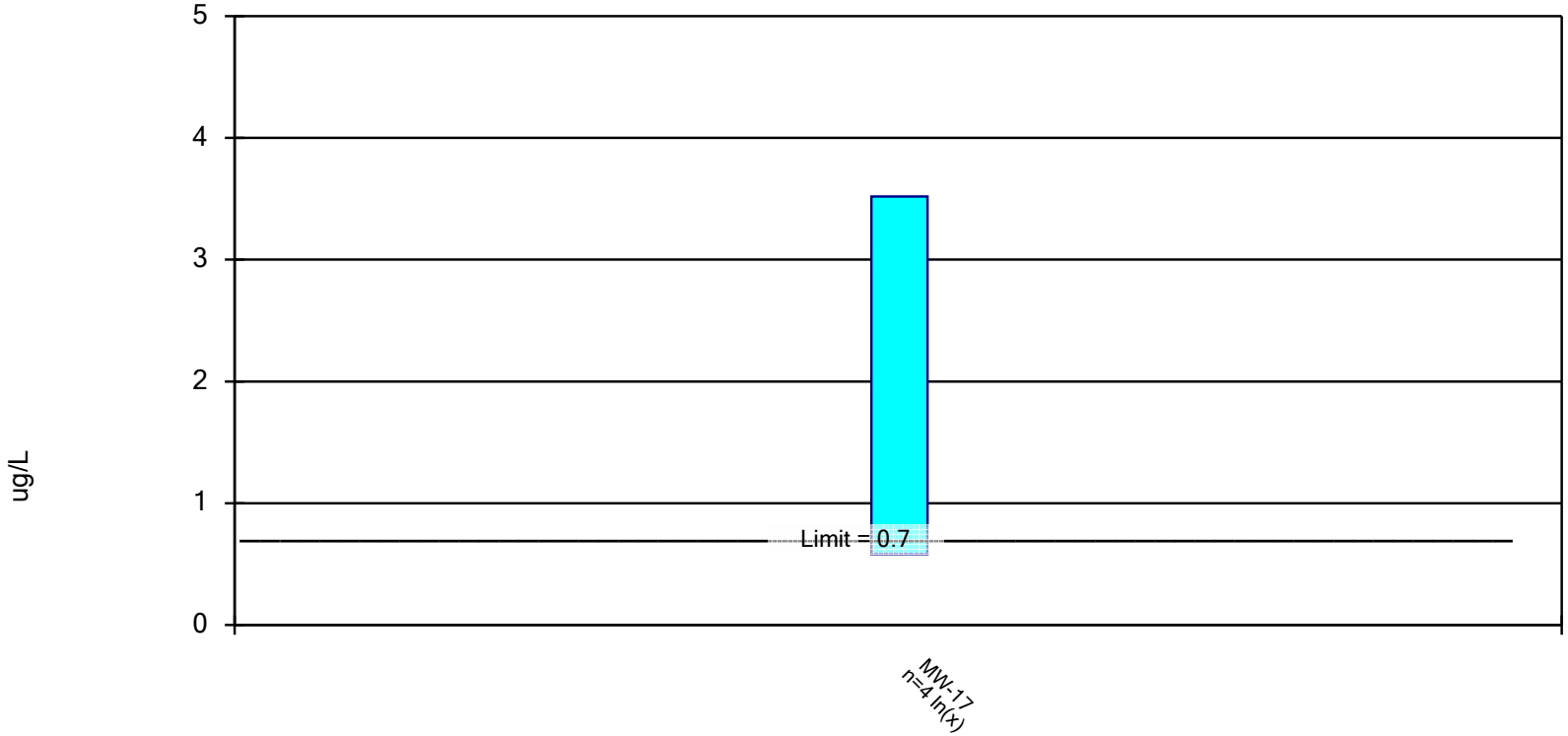
Constituent: Benzene (ug/L) Analysis Run 11/26/2013 3:48 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-19A
4/25/2012	2.4
11/8/2012	0.5 (J)
4/4/2013	1.1
10/24/2013	2.9
Mean	1.725
Std. Dev.	1.115
Upper Lim.	5.255
Lower Lim.	0.04482

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Tetrachloroethylene Analysis Run 11/26/2013 3:50 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

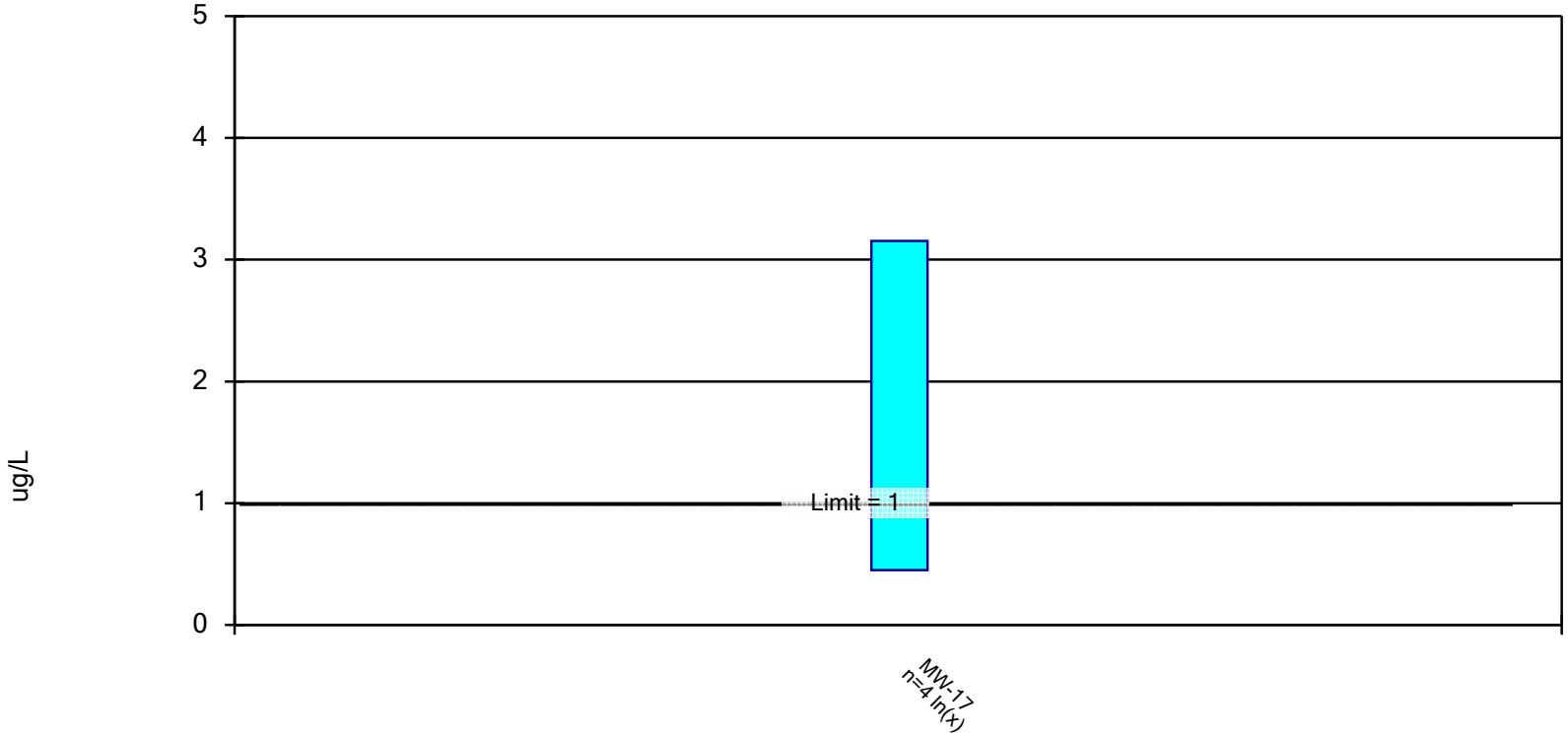
Constituent: Tetrachloroethylene (ug/L) Analysis Run 11/26/2013 3:50 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-17
4/25/2012	2.5
10/30/2012	1.4
4/2/2013	1 (J)
10/23/2013	1.2
Mean	1.525
Std. Dev.	0.6702
Upper Lim.	3.52
Lower Lim.	0.5822

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Vinyl chloride Analysis Run 11/26/2013 3:52 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

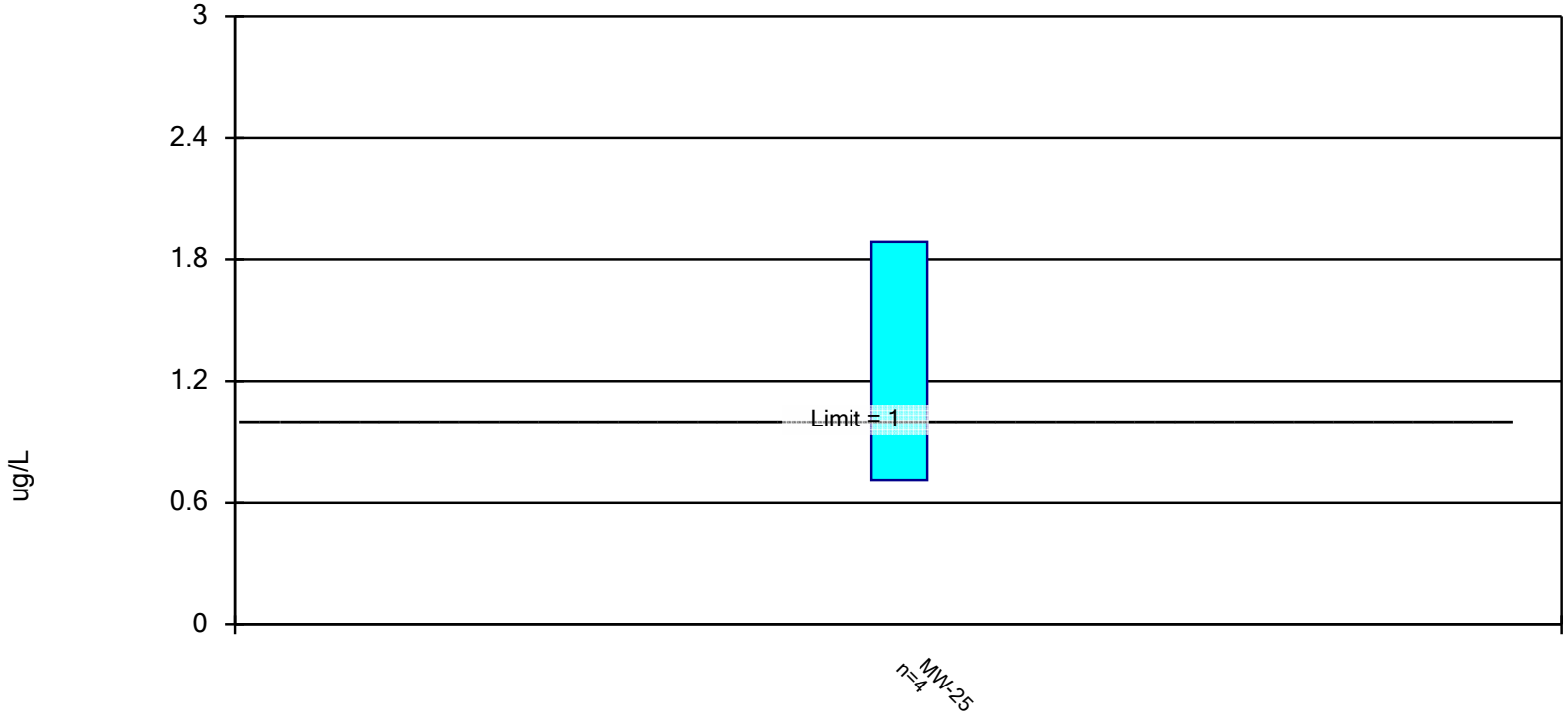
Constituent: Vinyl chloride (ug/L) Analysis Run 11/26/2013 3:52 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-17
4/25/2012	1.2
10/30/2012	0.7 (J)
4/2/2013	1.2
10/23/2013	2
Mean	1.275
Std. Dev.	0.5377
Upper Lim.	3.153
Lower Lim.	0.4503

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Vinyl chloride Analysis Run 11/26/2013 3:55 PM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Confidence Interval

Constituent: Vinyl chloride (ug/L) Analysis Run 11/26/2013 3:55 PM

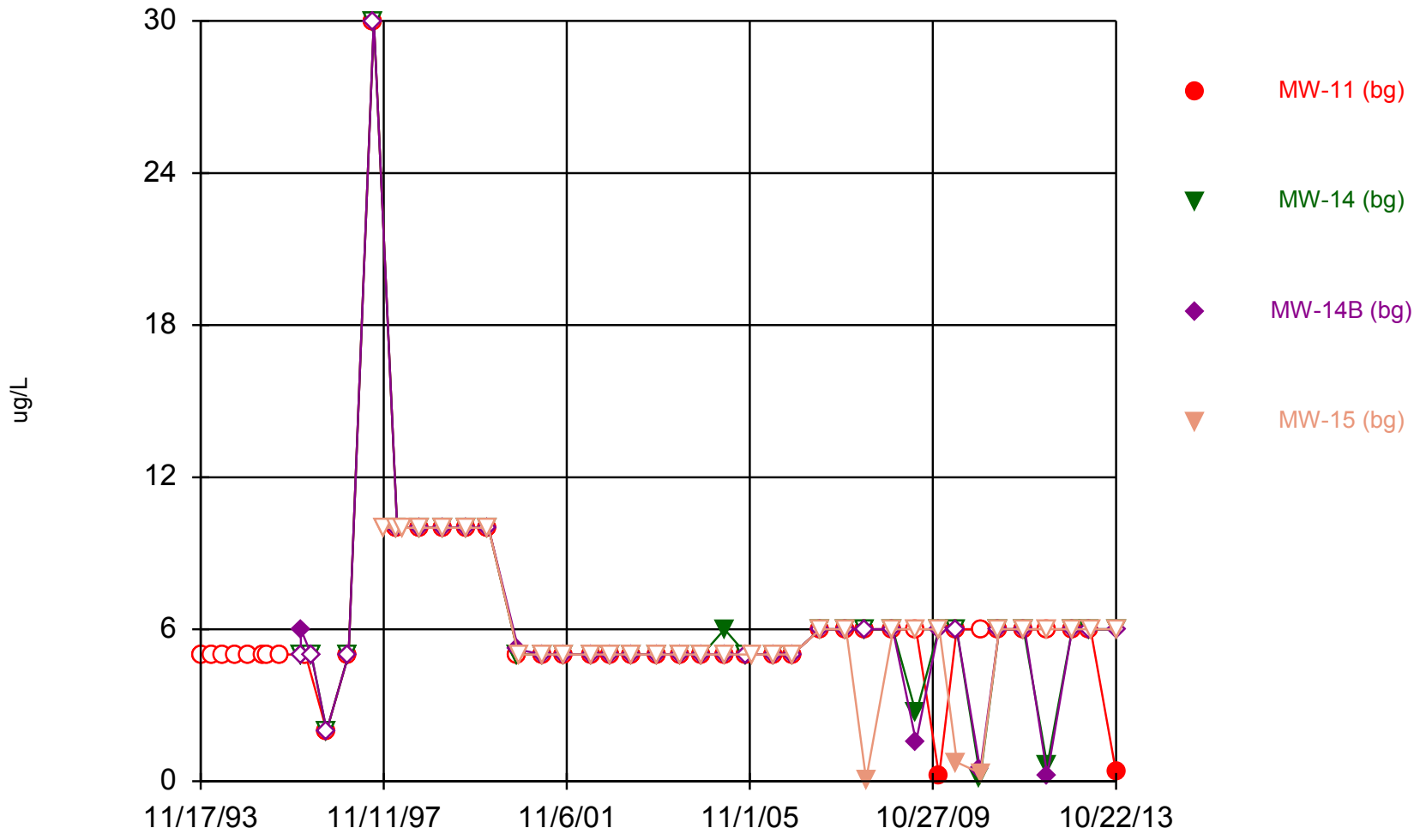
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-25
4/25/2012	1.6
10/30/2012	1.4
4/3/2013	1 (J)
10/22/2013	1.2
Mean	1.3
Std. Dev.	0.2582
Upper Lim.	1.886
Lower Lim.	0.7138

TIME SERIES TREND ANALYSIS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

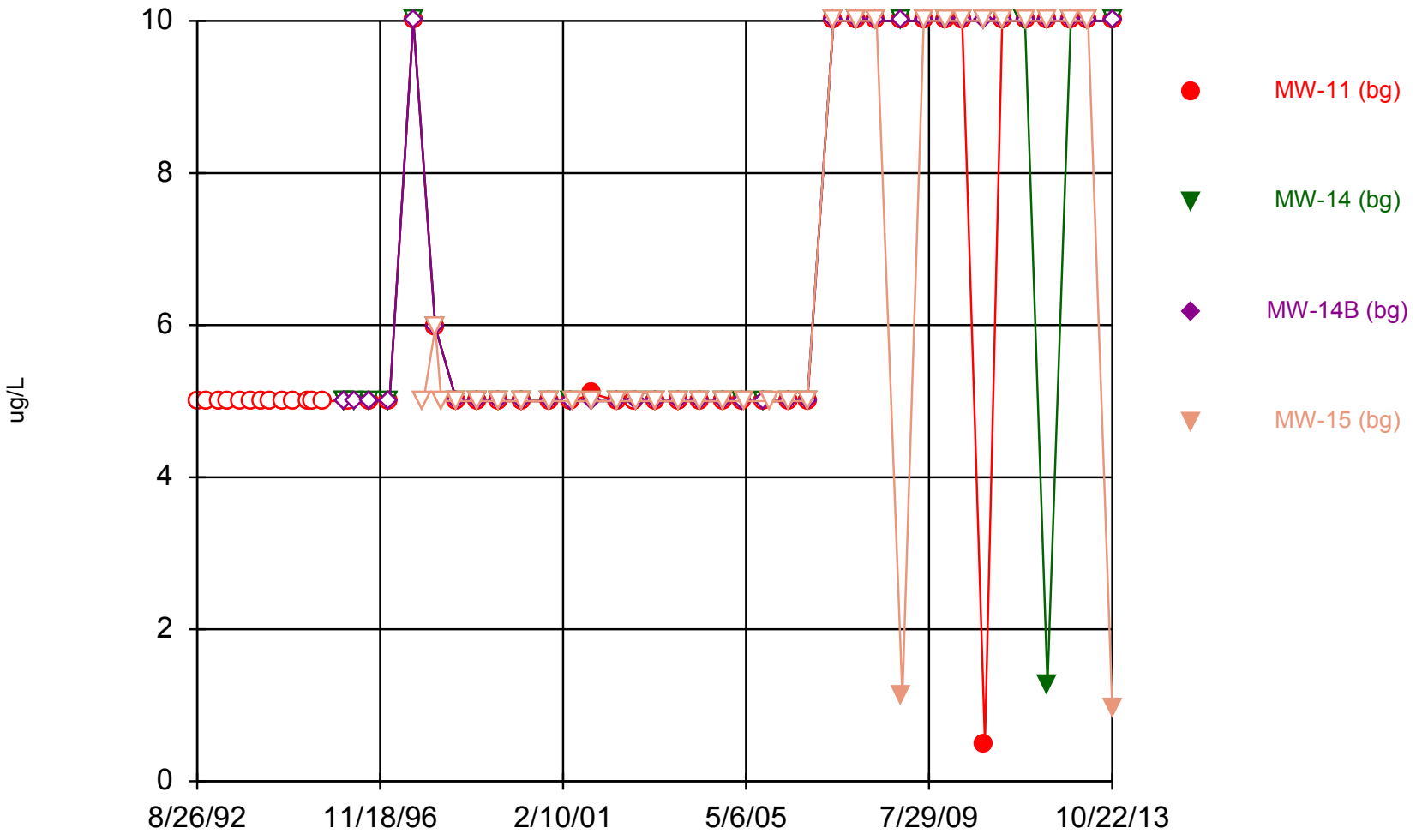


Constituent: Antimony Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

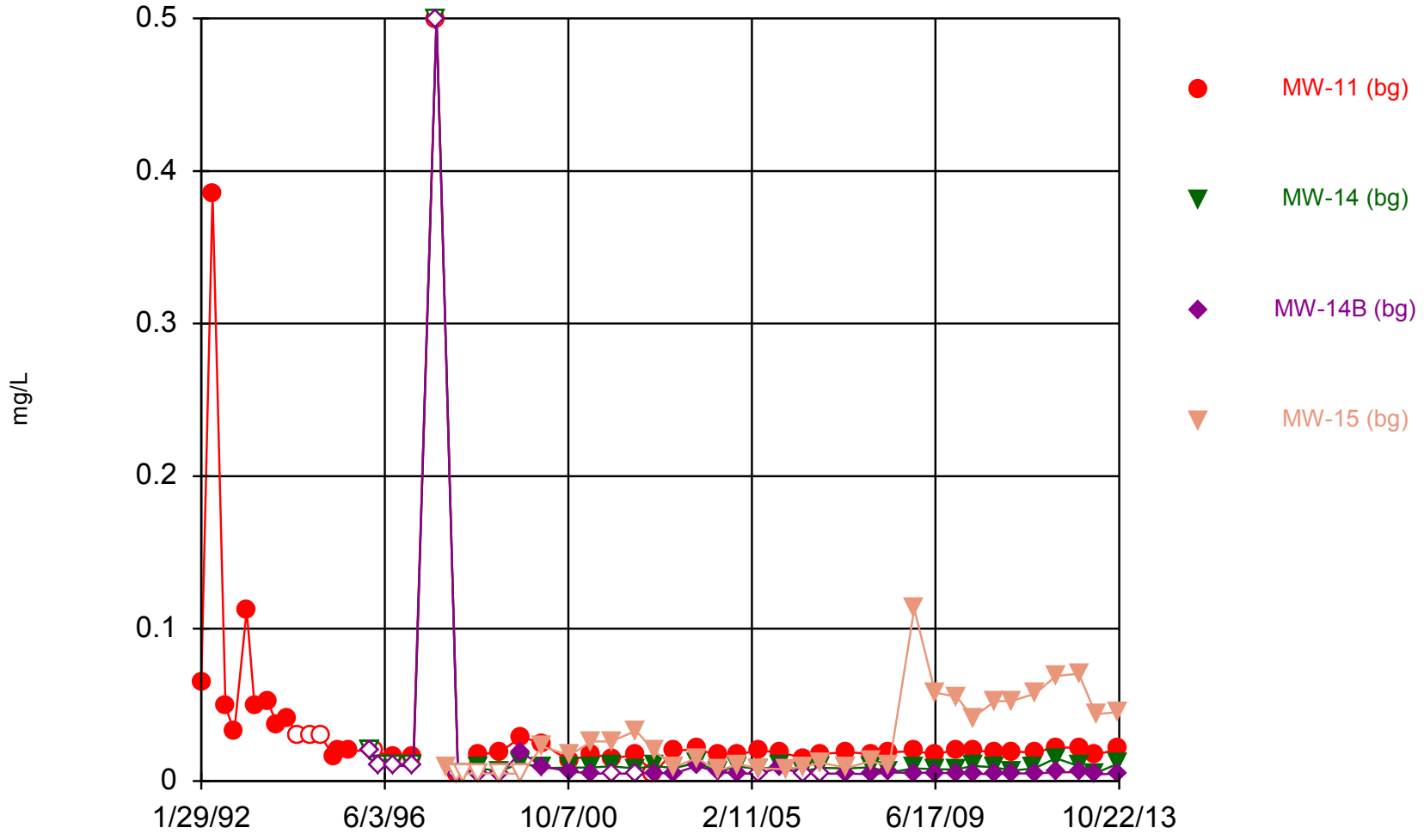


Constituent: Arsenic Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

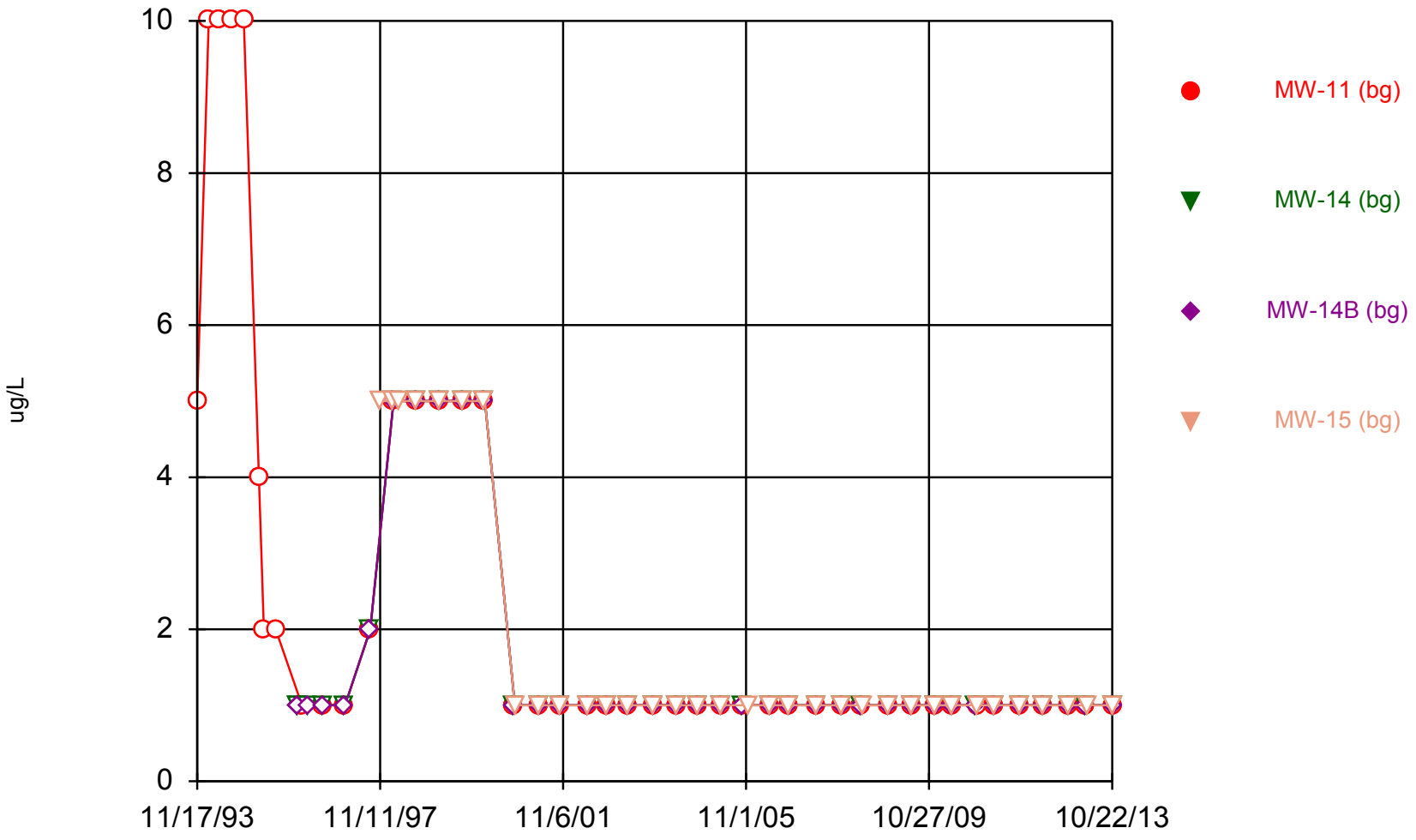


Constituent: Barium Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

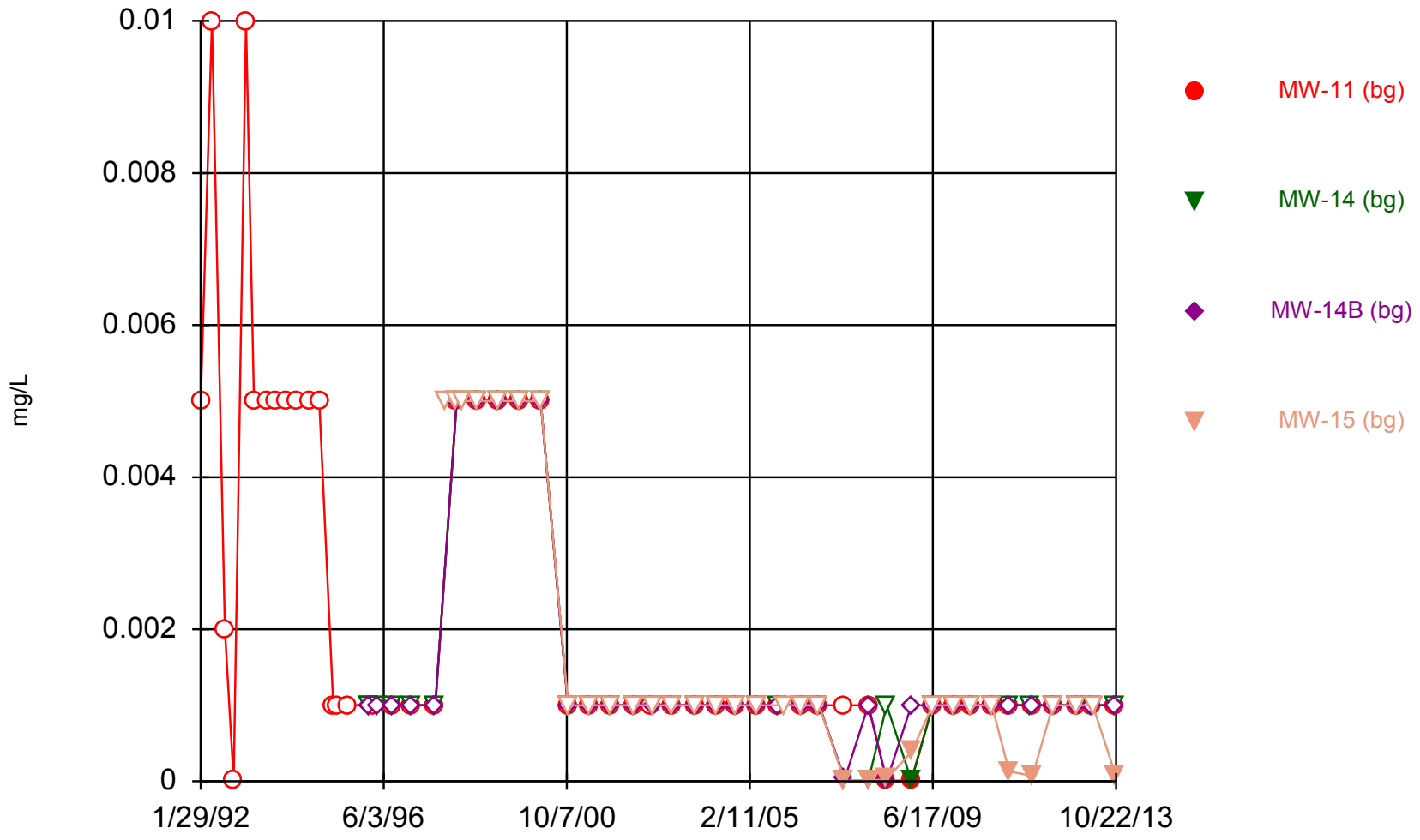


Constituent: Beryllium Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

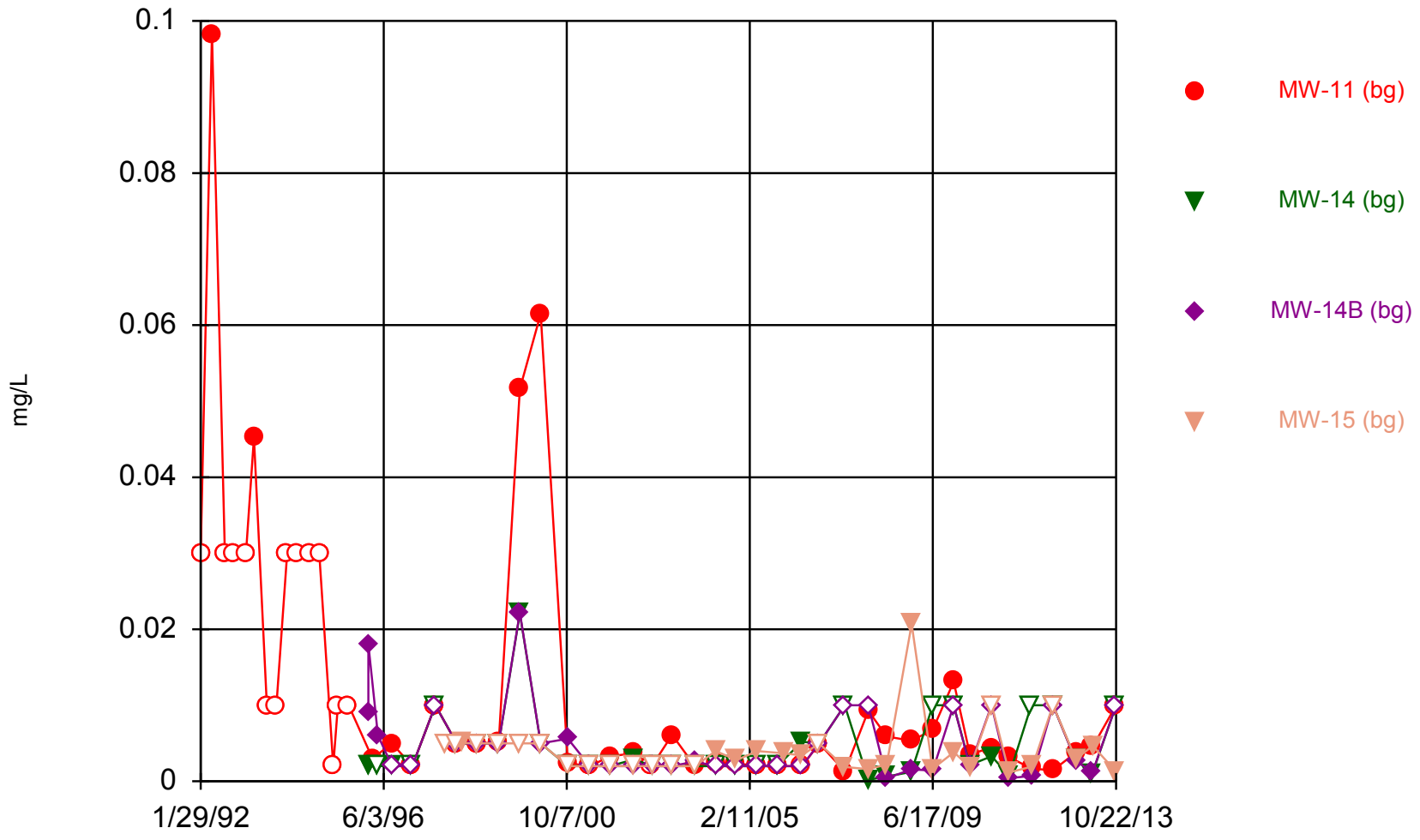


Constituent: Cadmium Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

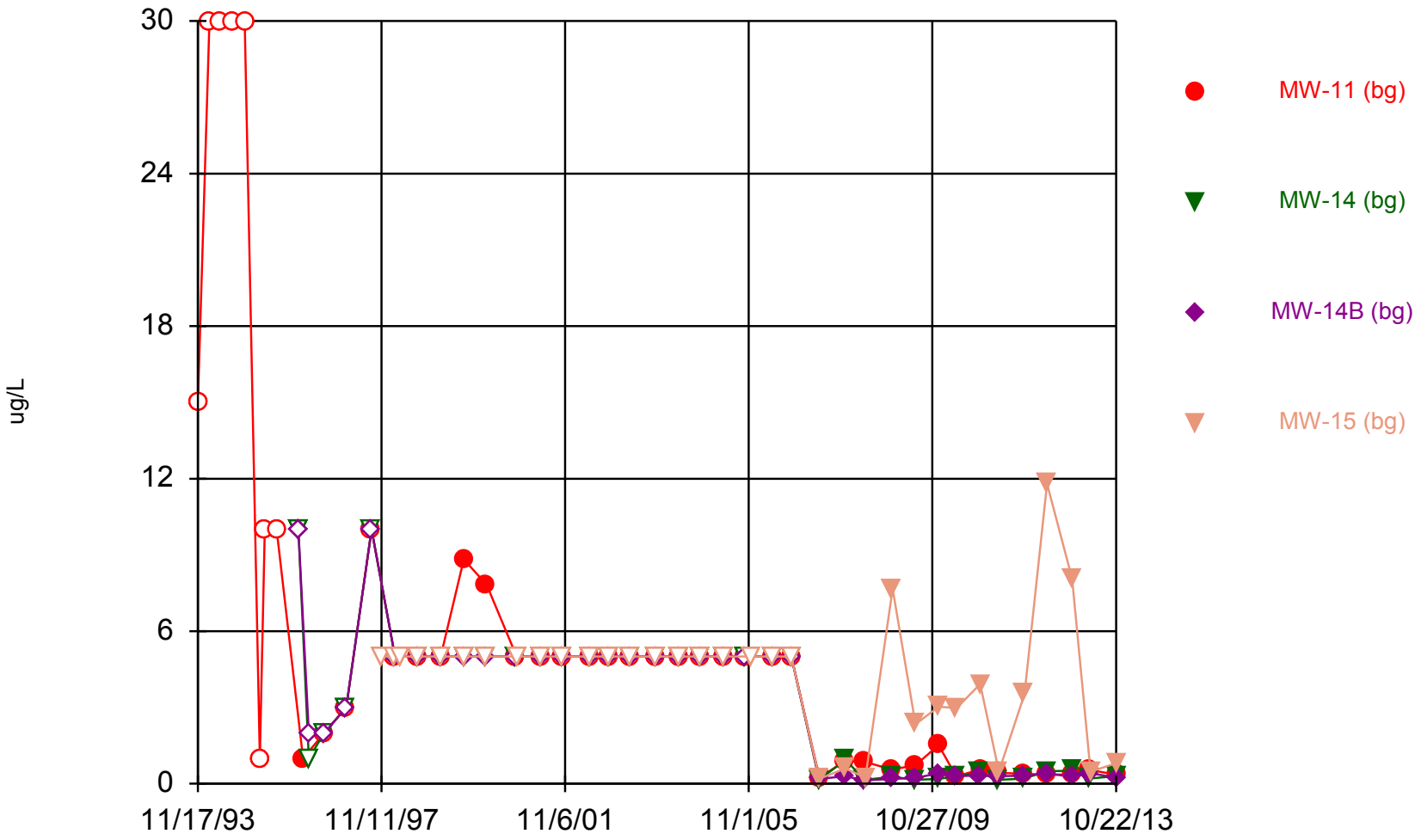


Constituent: Chromium Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

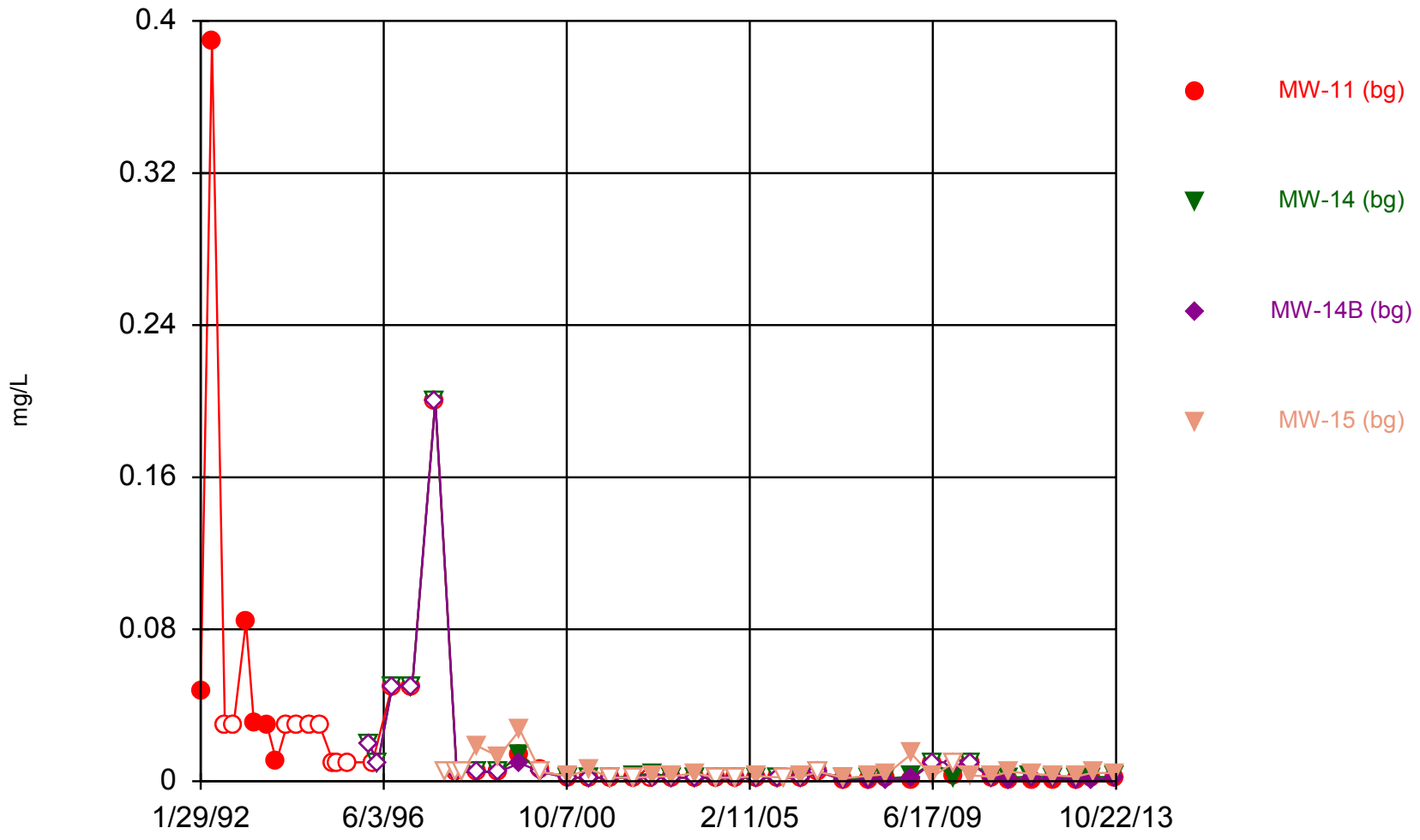


Constituent: Cobalt Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

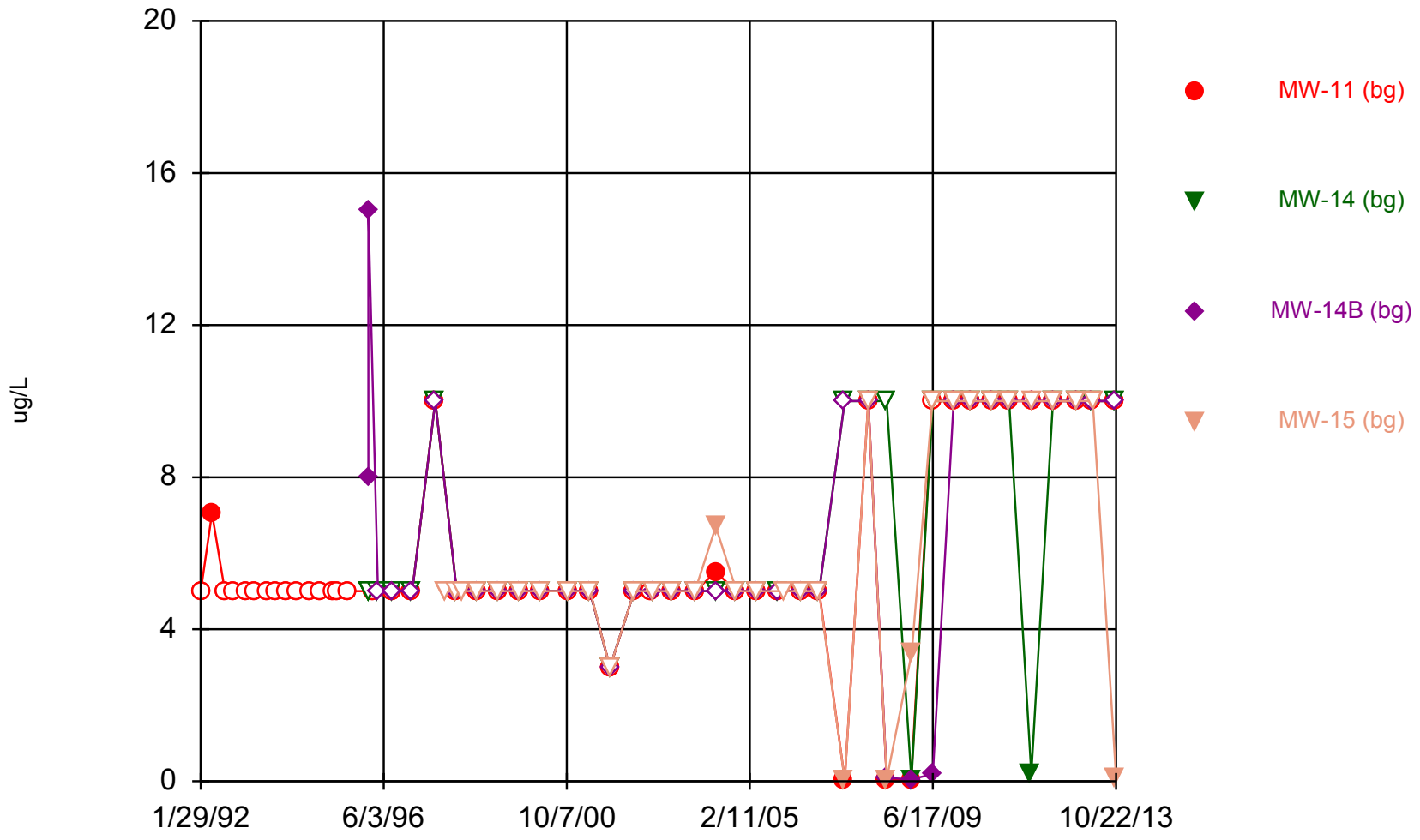


Constituent: Copper Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

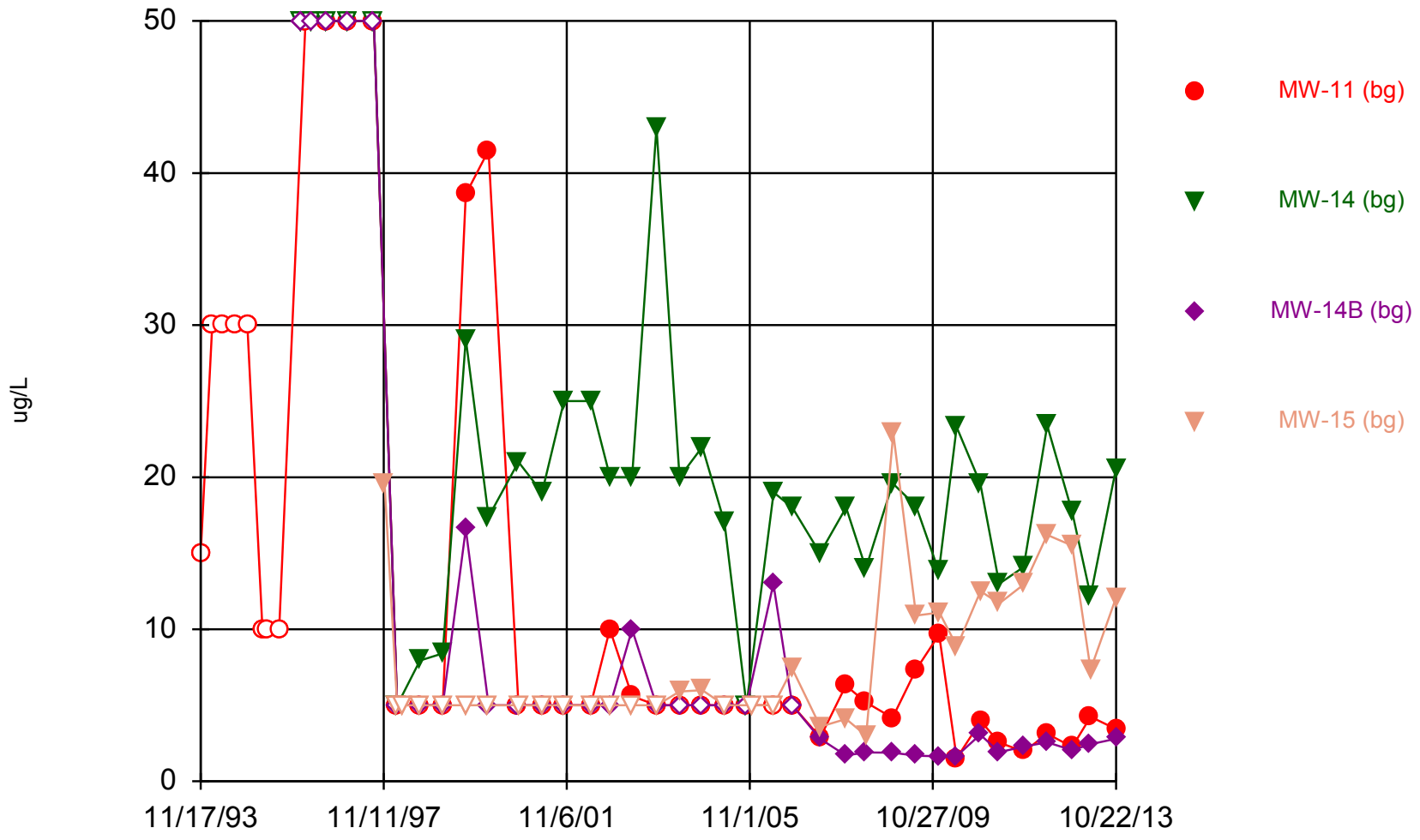


Constituent: Lead Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

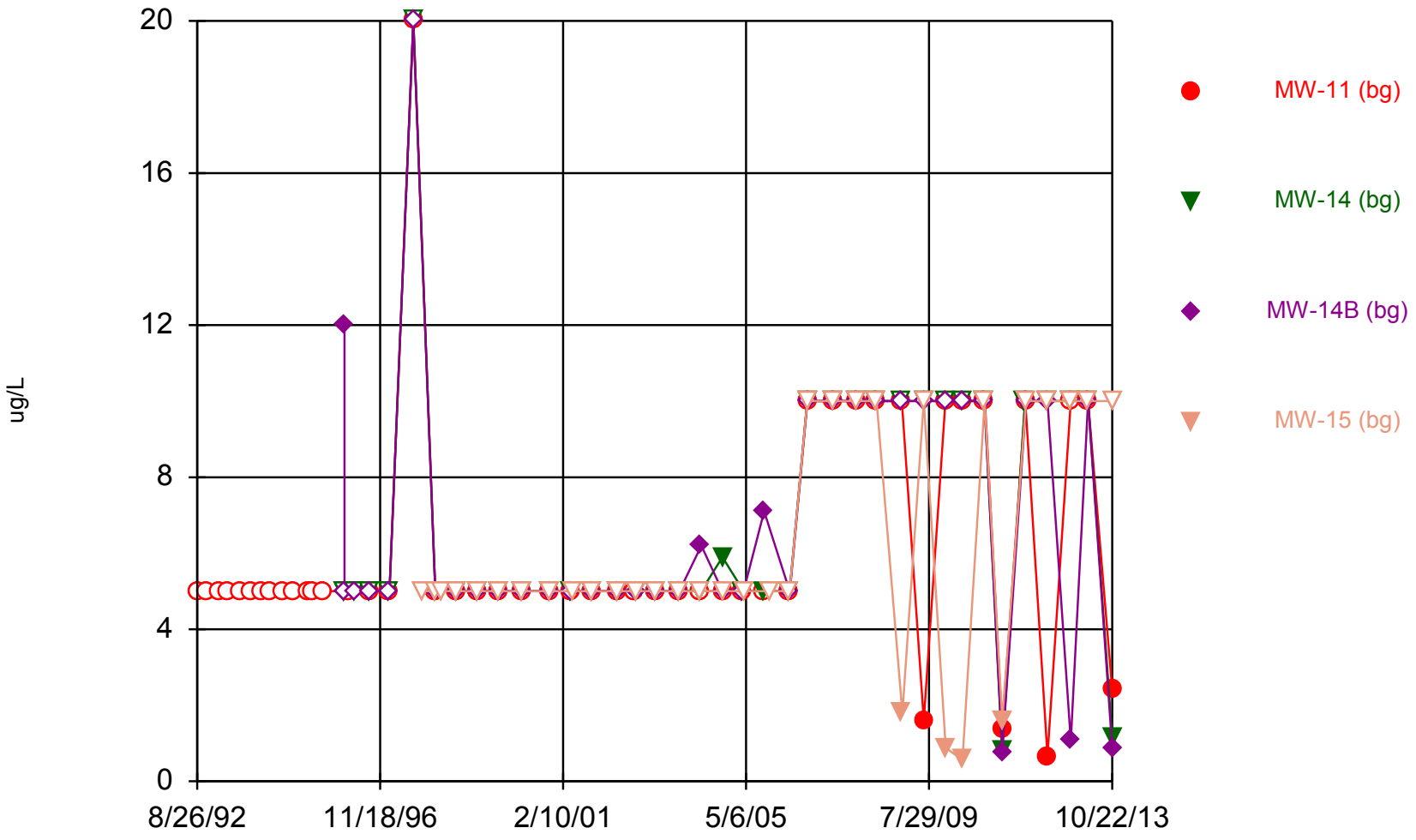


Constituent: Nickel Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

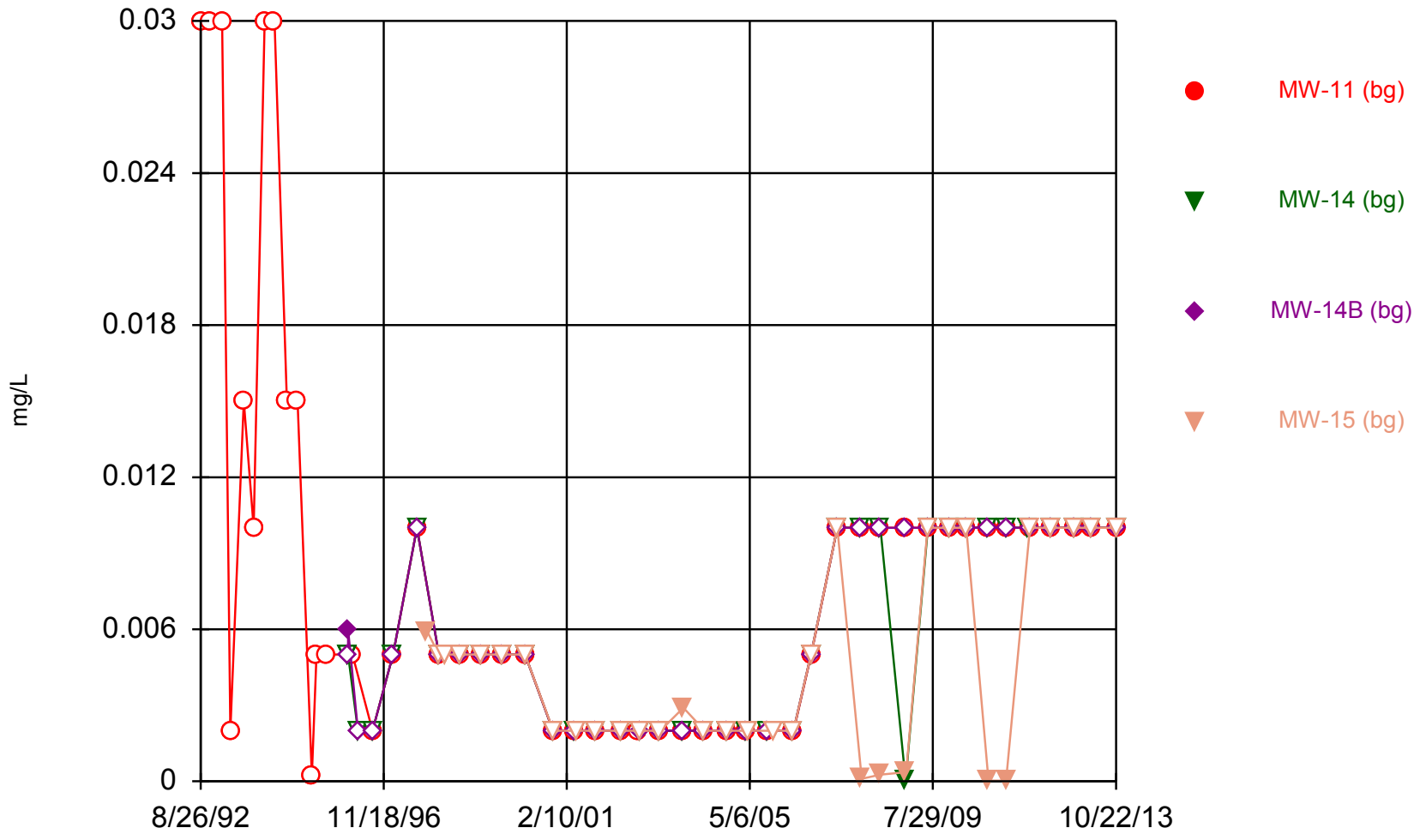


Constituent: Selenium Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

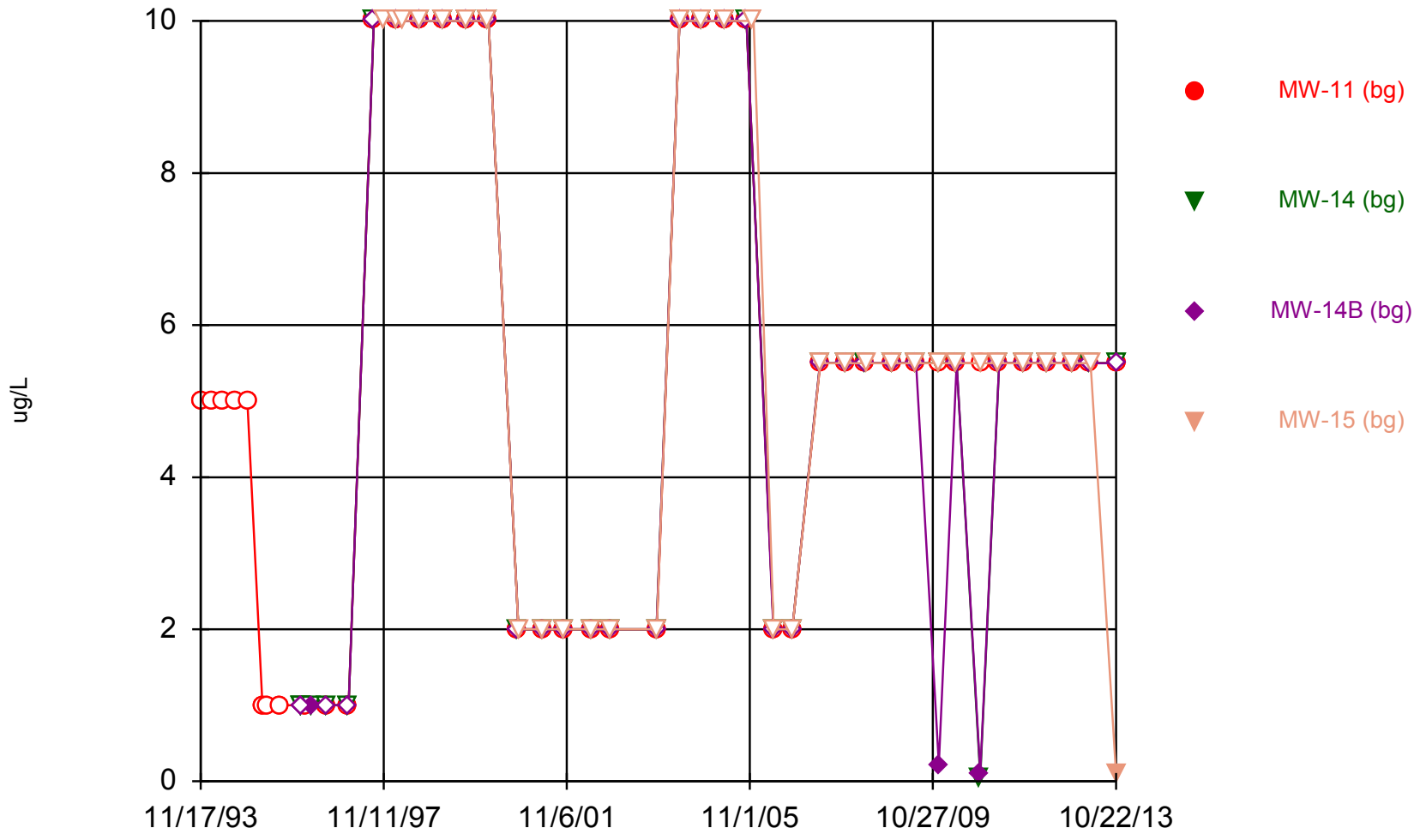


Constituent: Silver Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

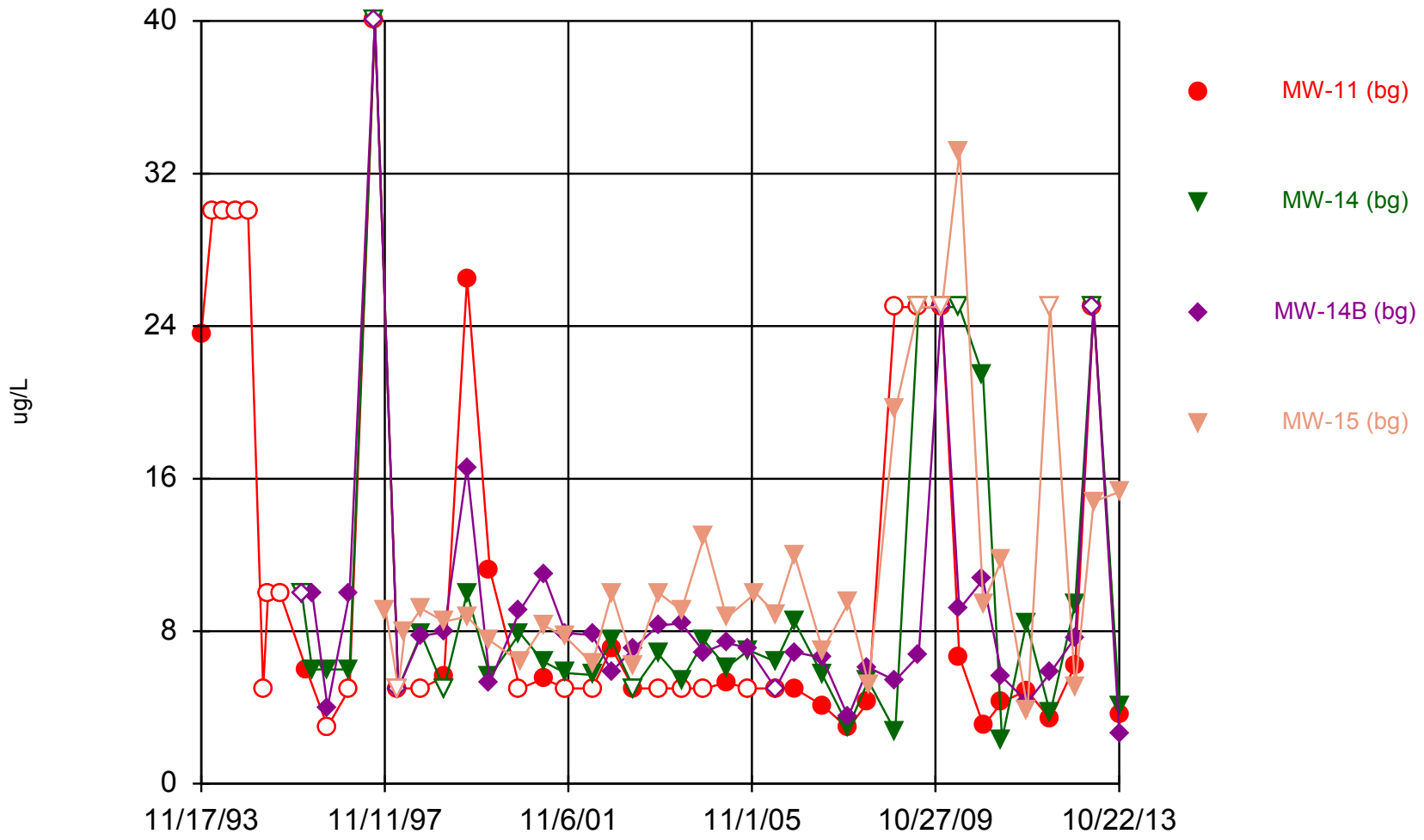


Constituent: Thallium Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

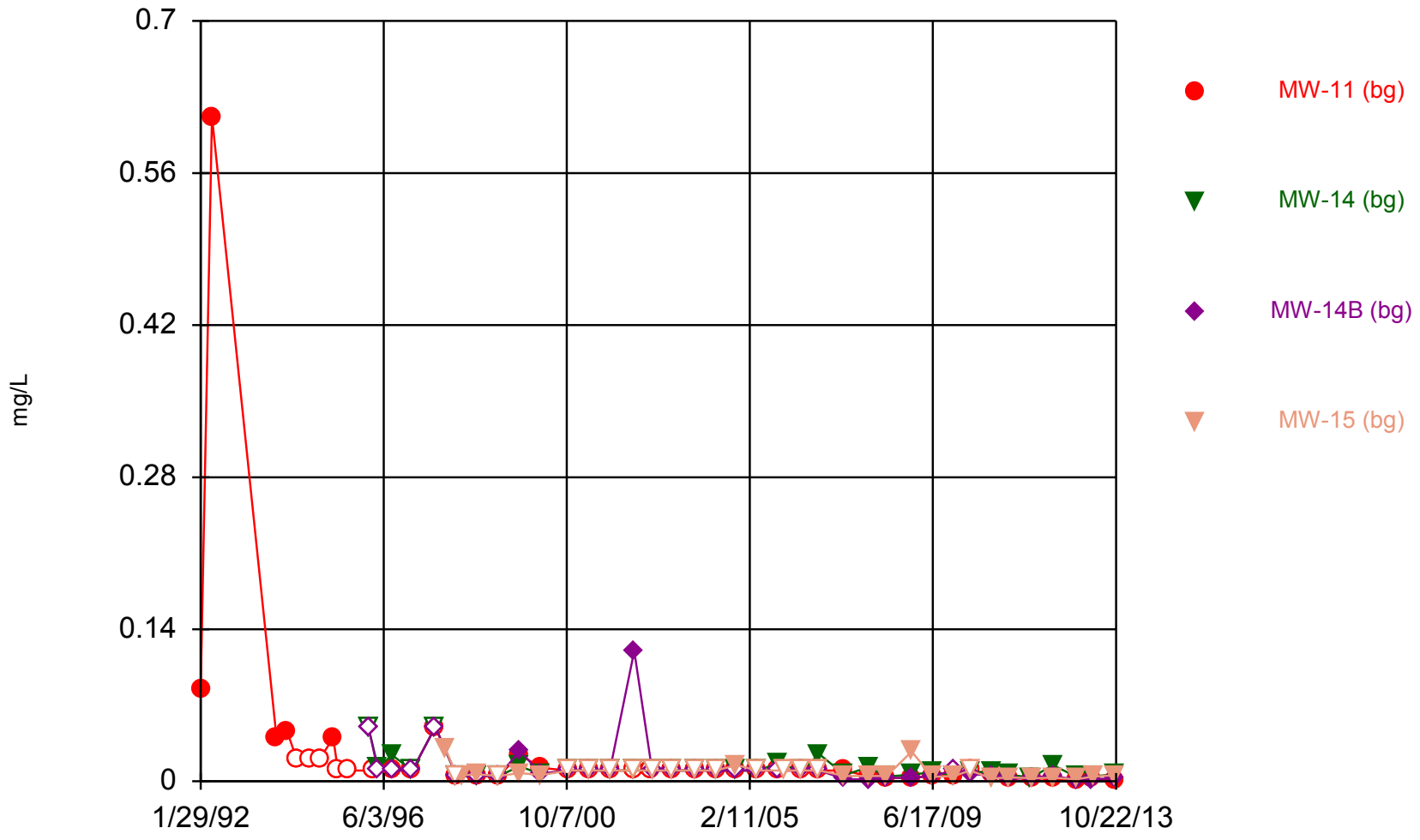


Constituent: Vanadium Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

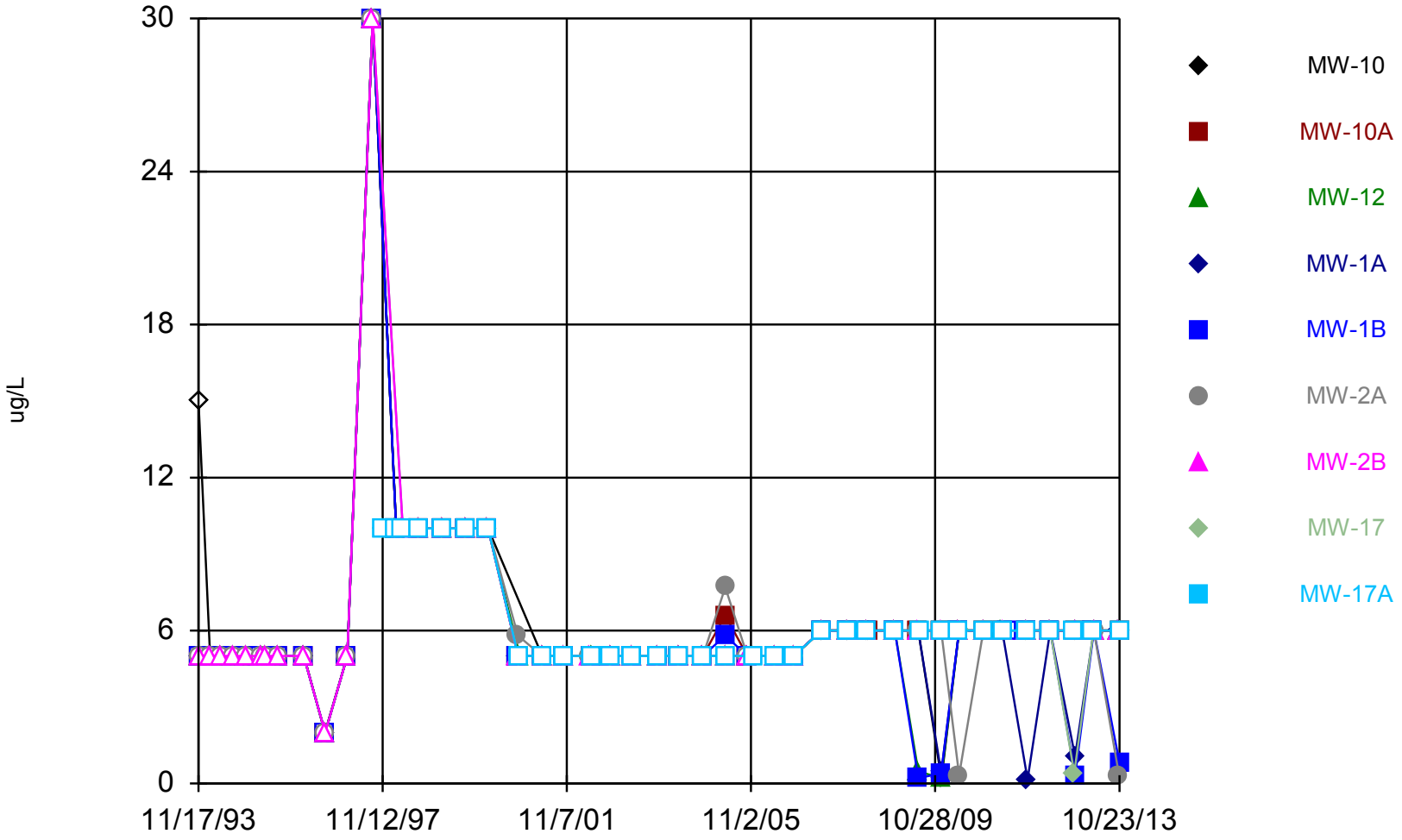


Constituent: Zinc Total Analysis Run 11/26/2013 9:21 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

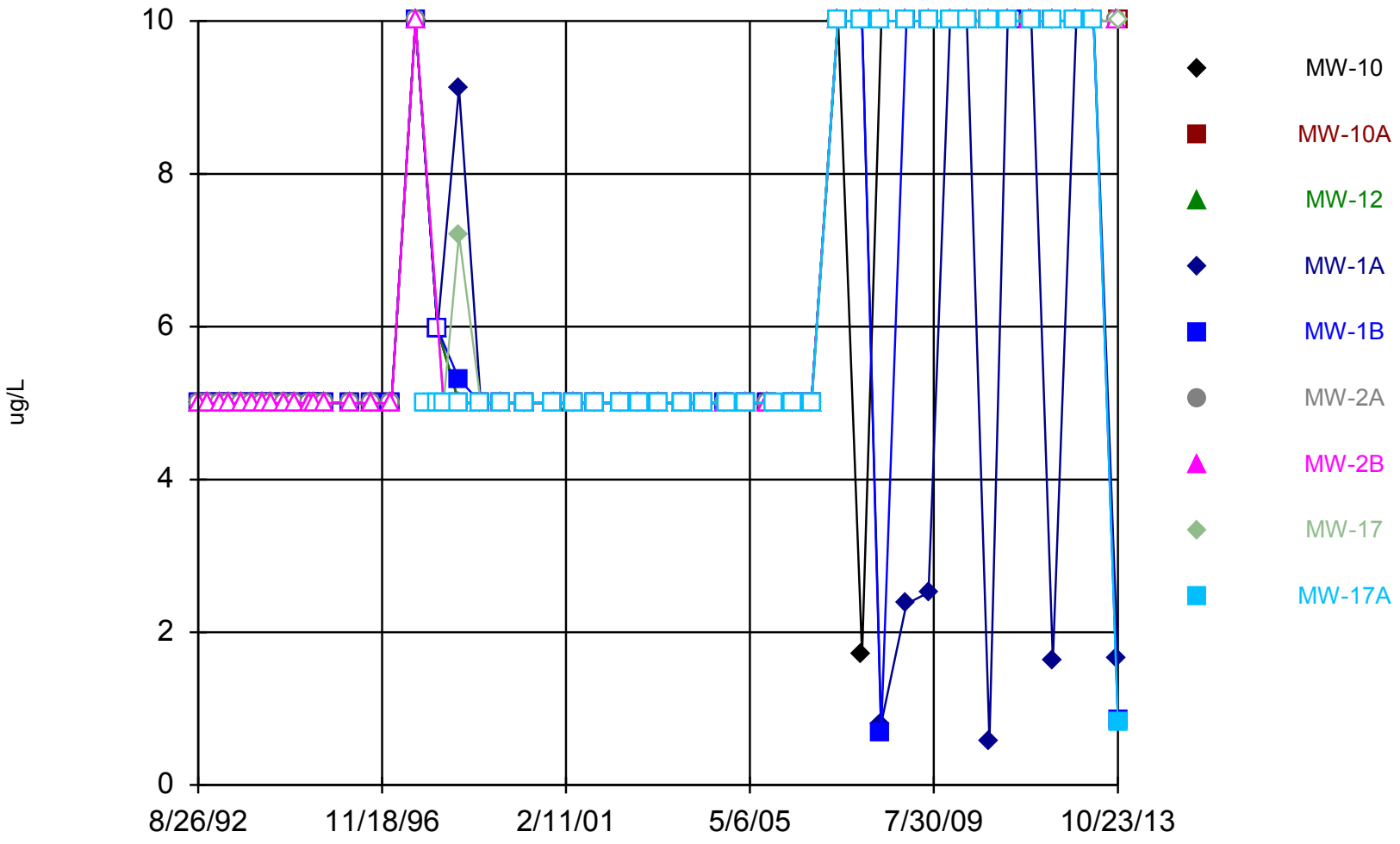


Constituent: Antimony Total Analysis Run 11/26/2013 9:25 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

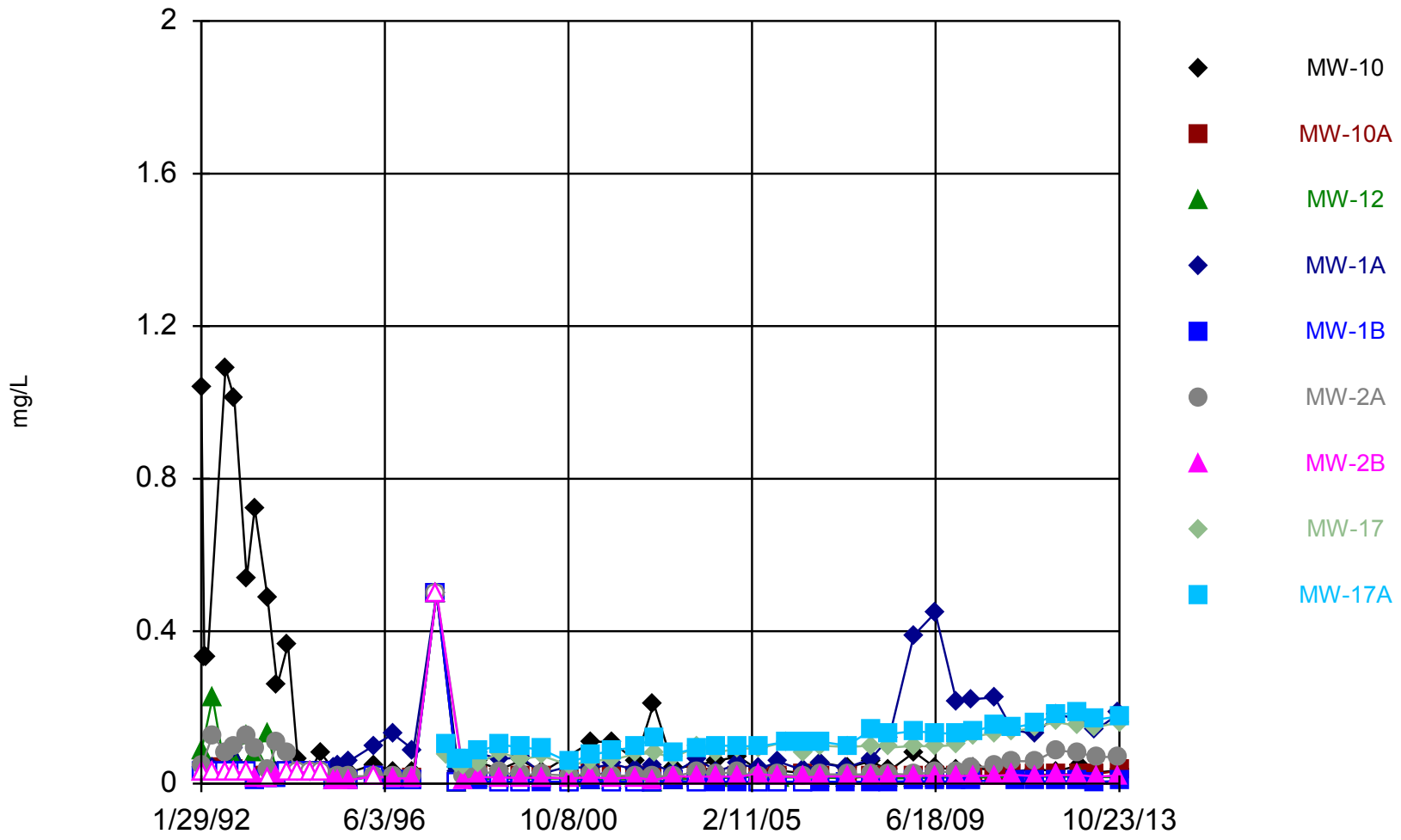


Constituent: Arsenic Total Analysis Run 11/26/2013 9:25 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

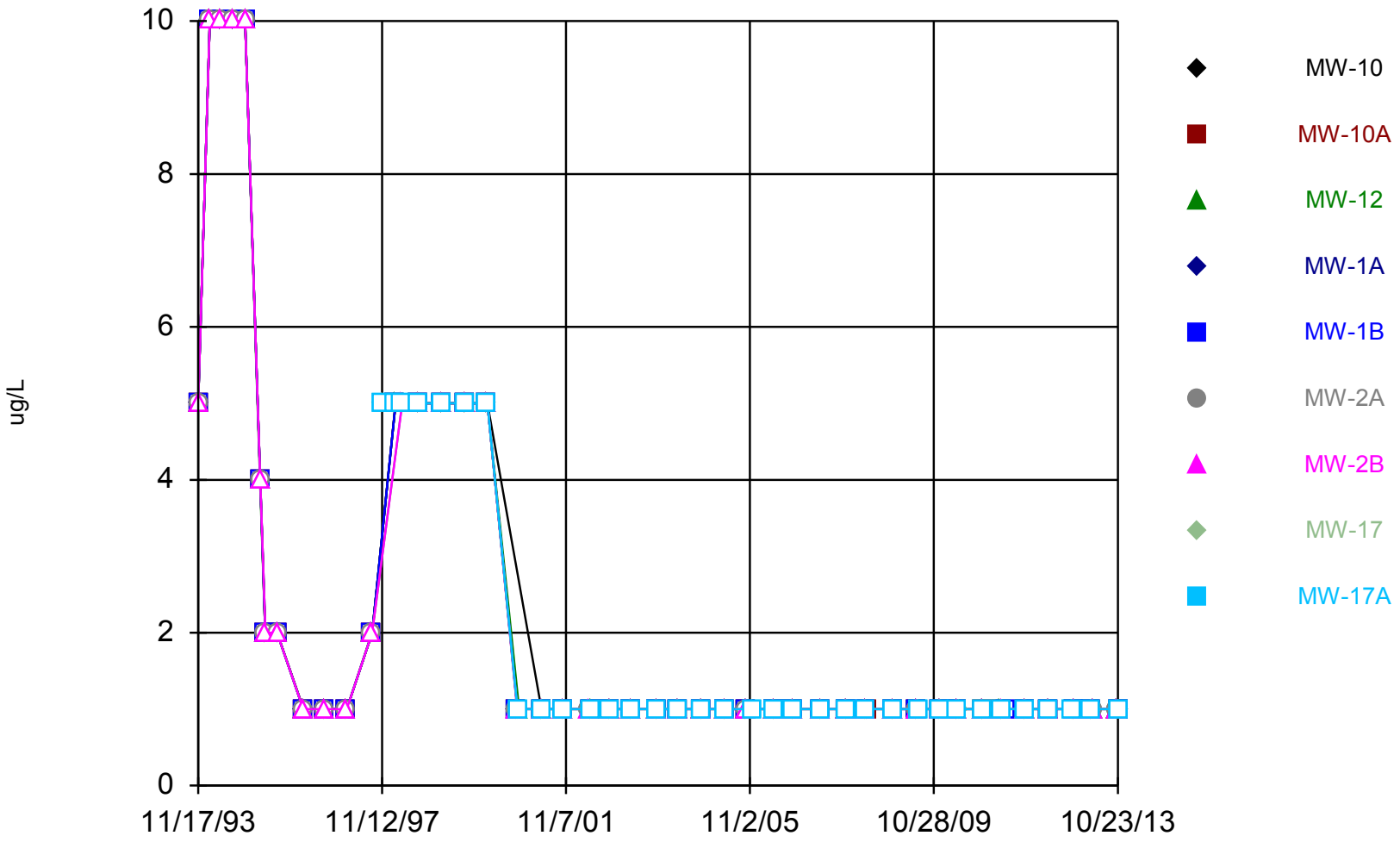


Constituent: Barium Total Analysis Run 11/26/2013 9:25 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

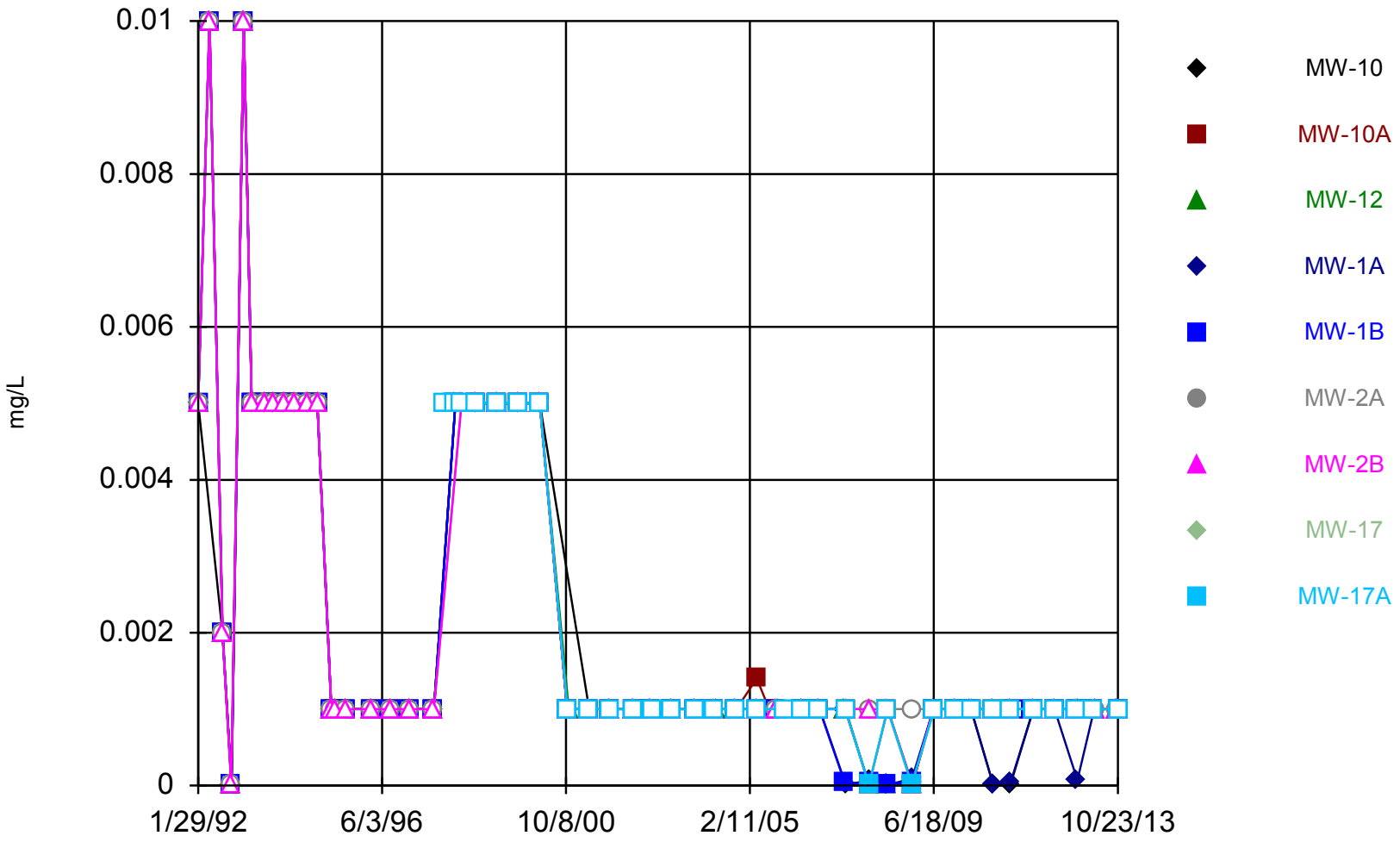


Constituent: Beryllium Total Analysis Run 11/26/2013 9:25 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

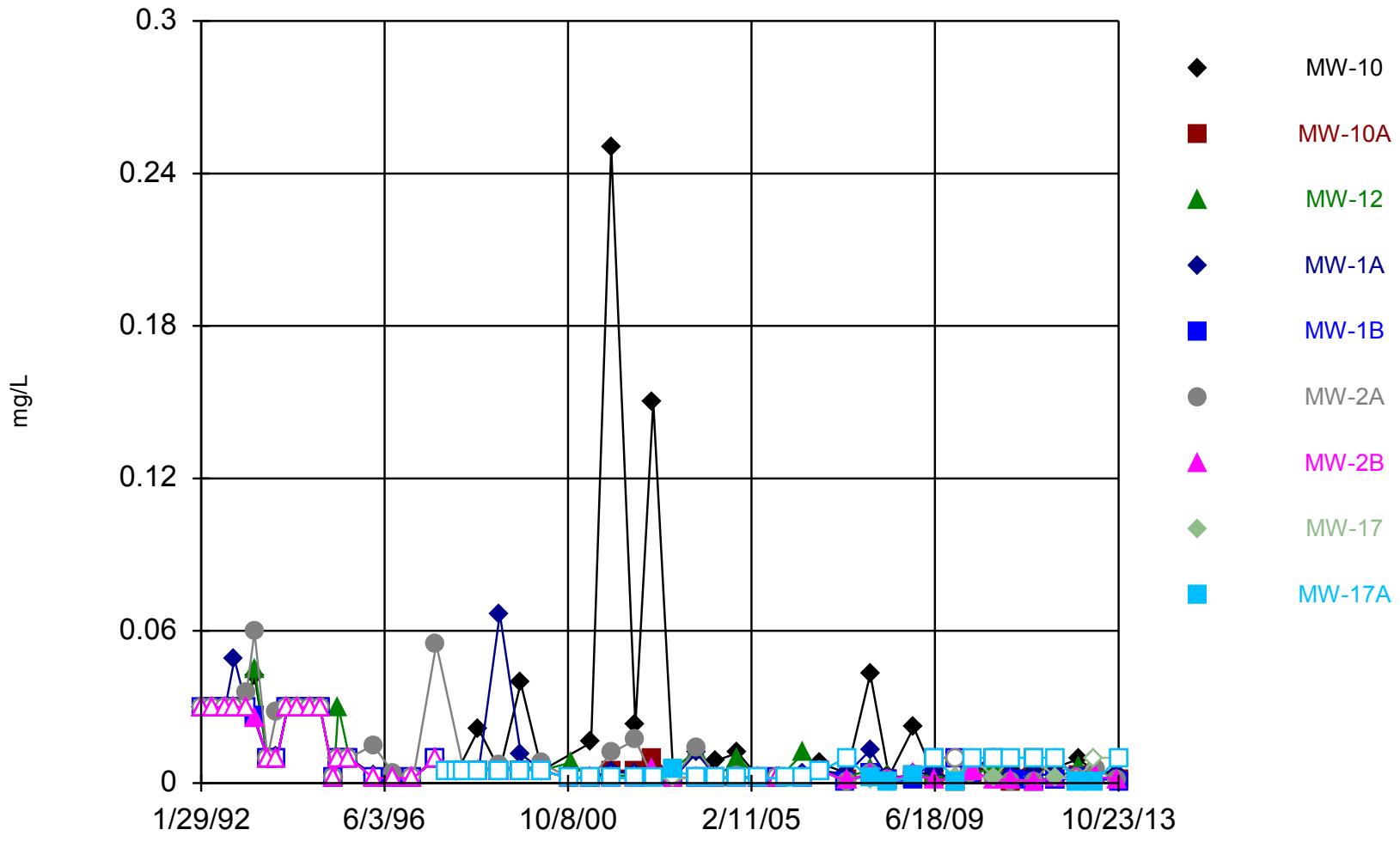


Constituent: Cadmium Total Analysis Run 11/26/2013 9:25 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

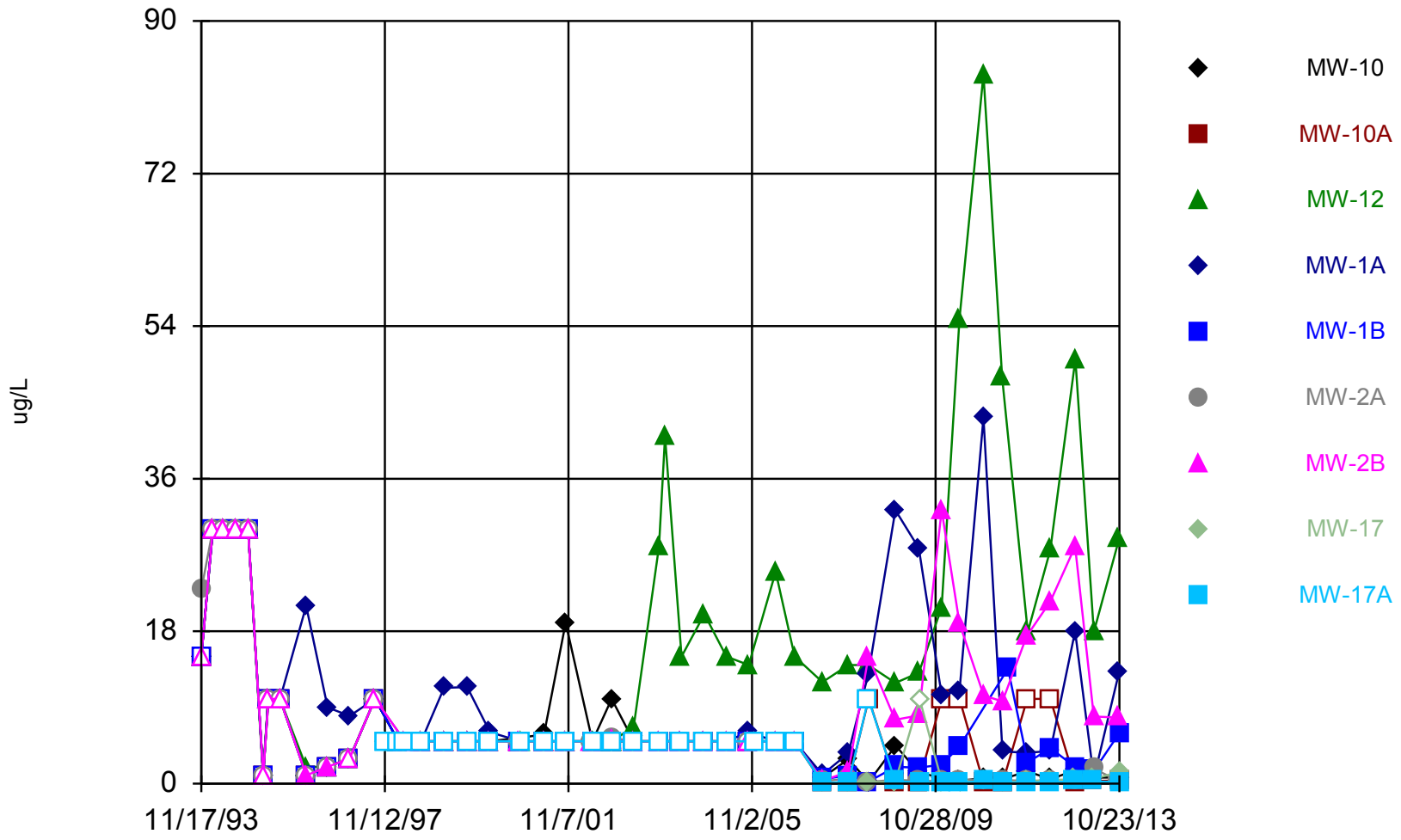


Constituent: Chromium Total Analysis Run 11/26/2013 9:25 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

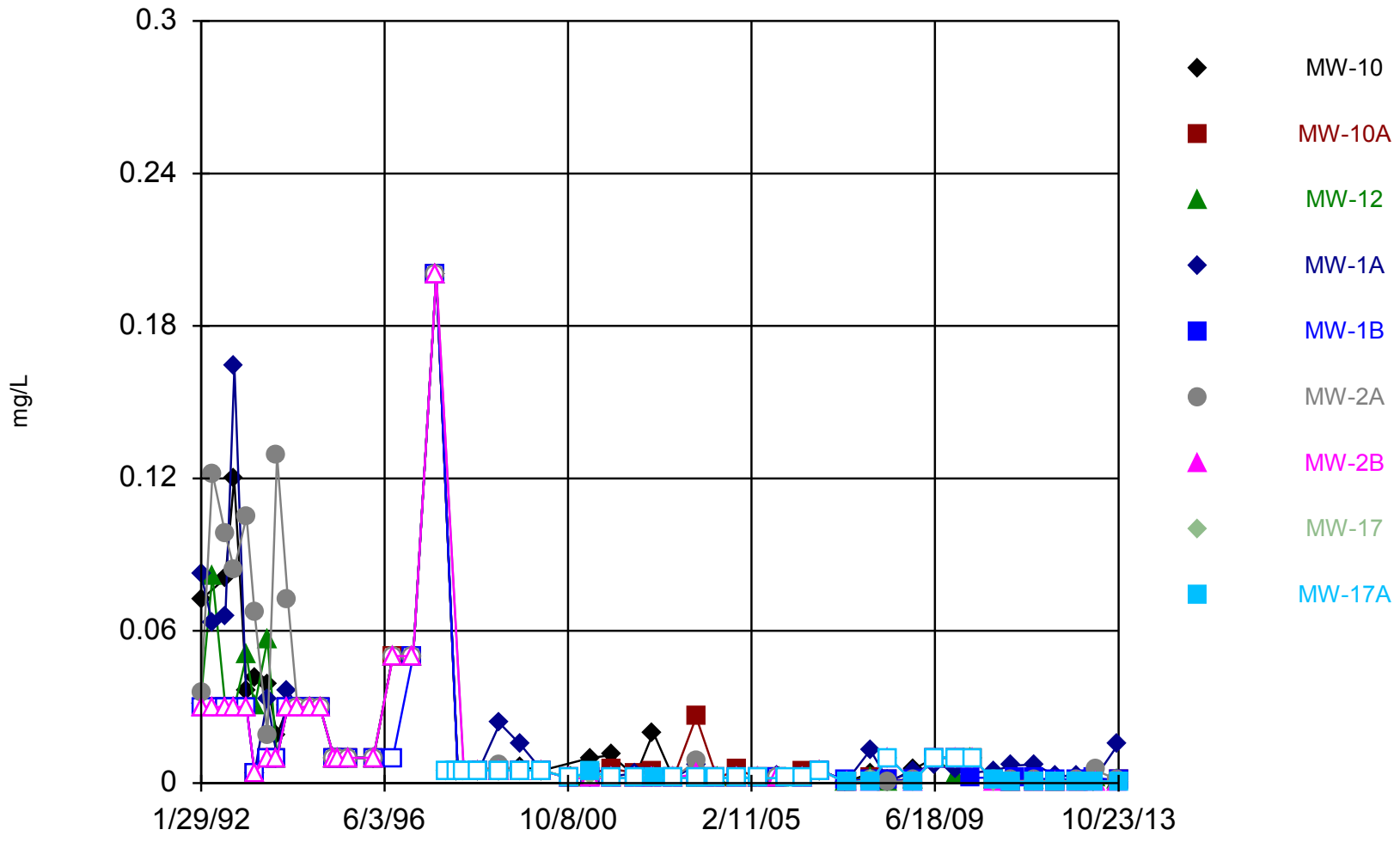


Constituent: Cobalt Total Analysis Run 11/26/2013 9:25 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

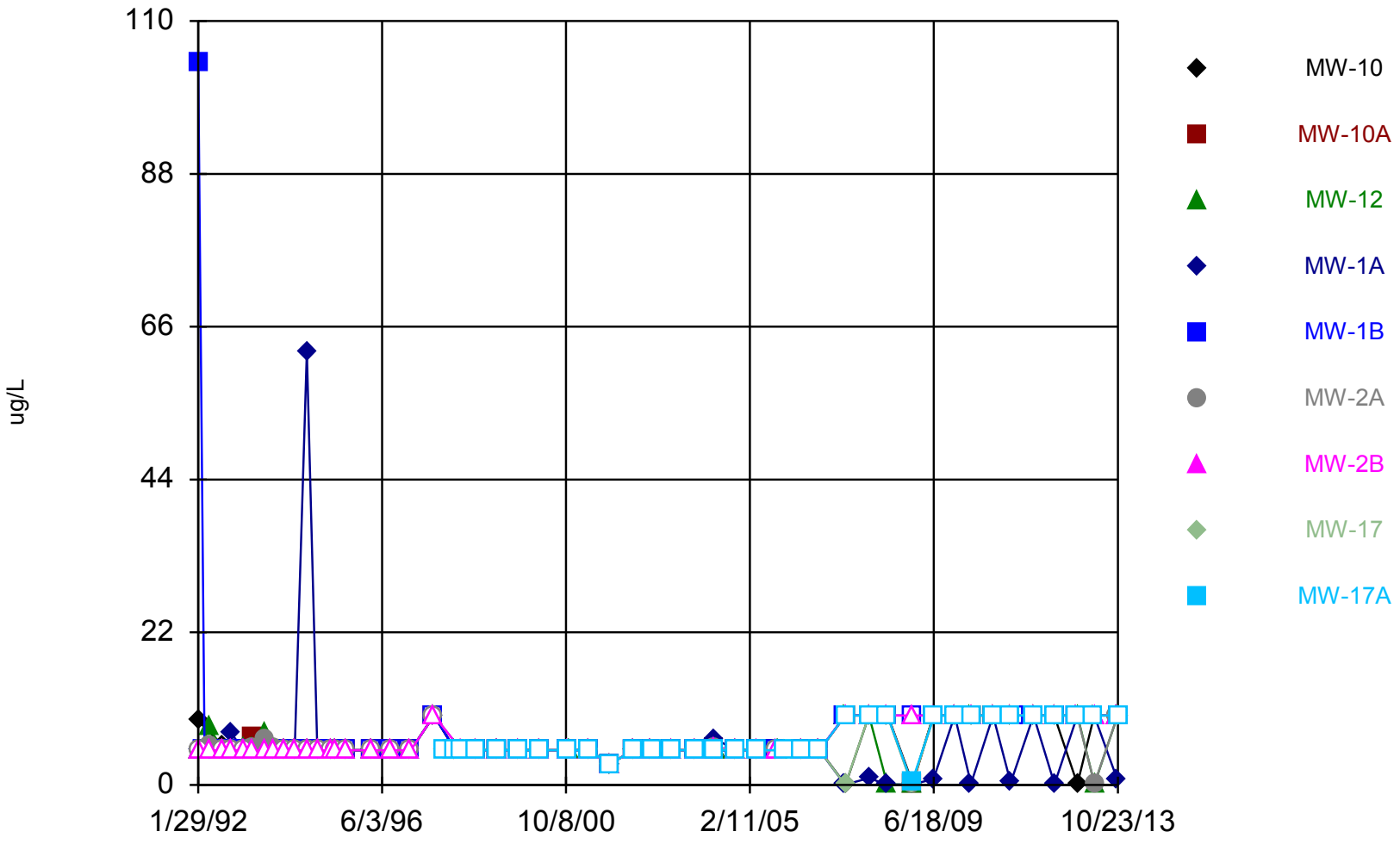


Constituent: Copper Total Analysis Run 11/26/2013 9:25 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

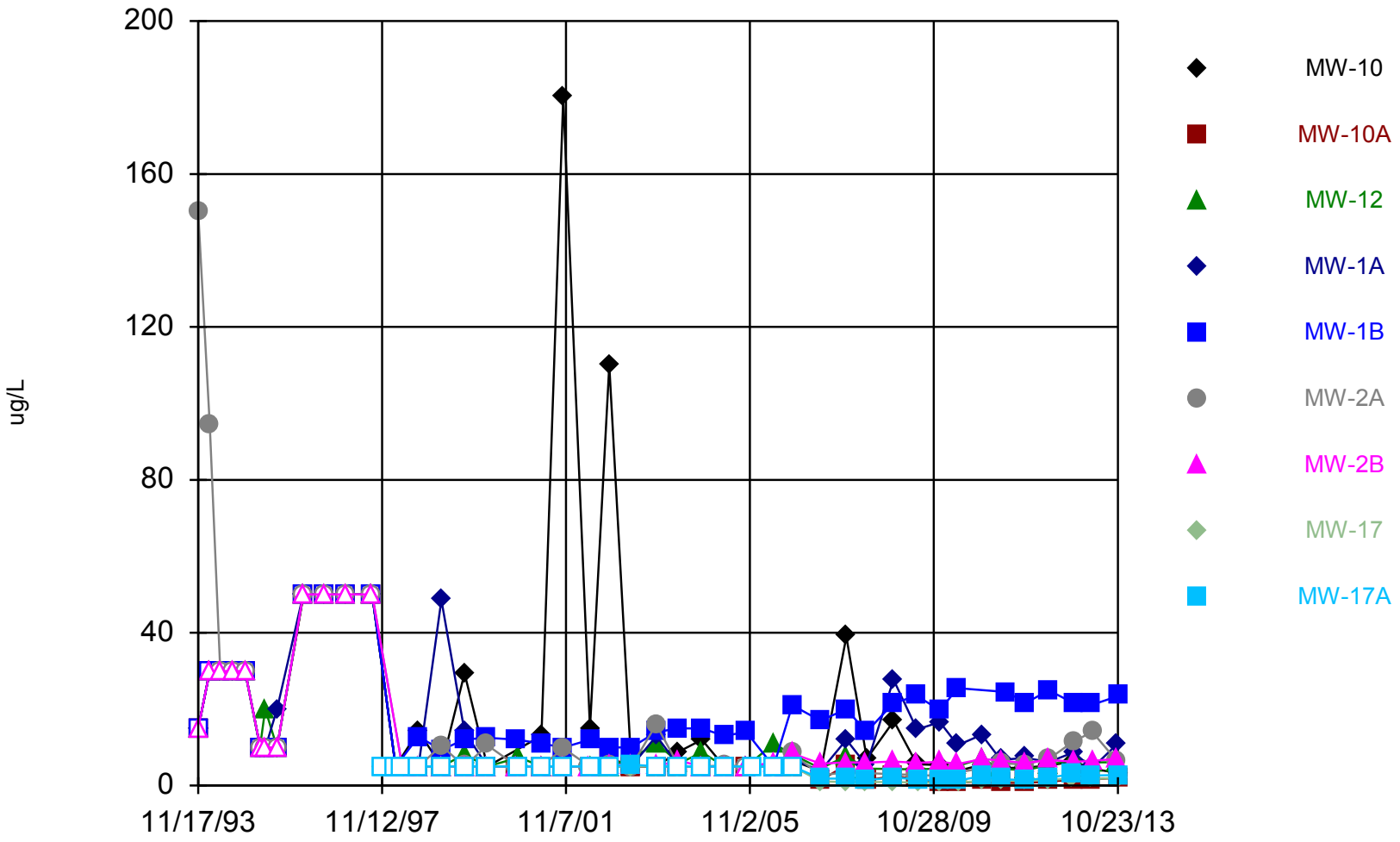


Constituent: Lead Total Analysis Run 11/26/2013 9:25 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

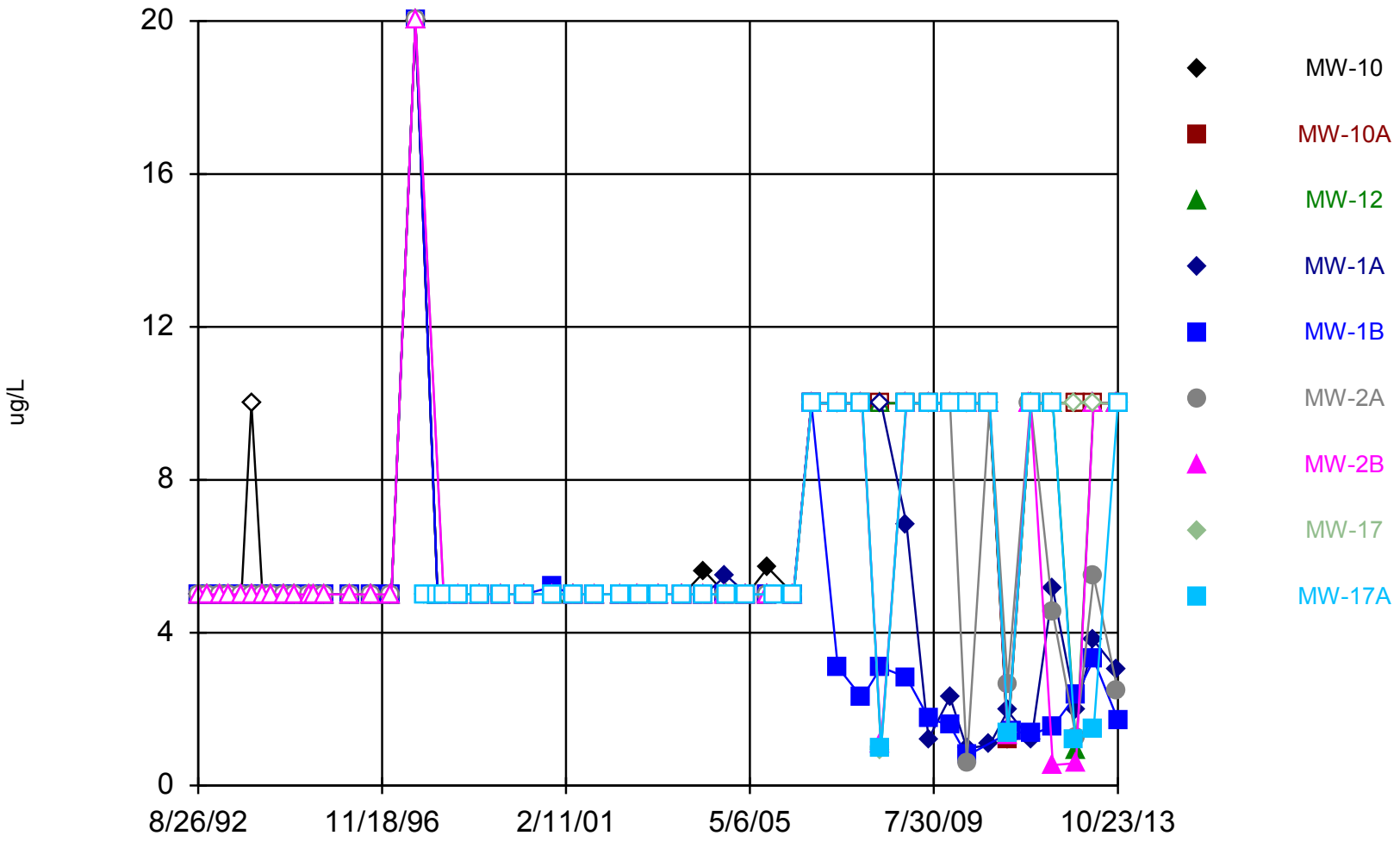


Constituent: Nickel Total Analysis Run 11/26/2013 9:25 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

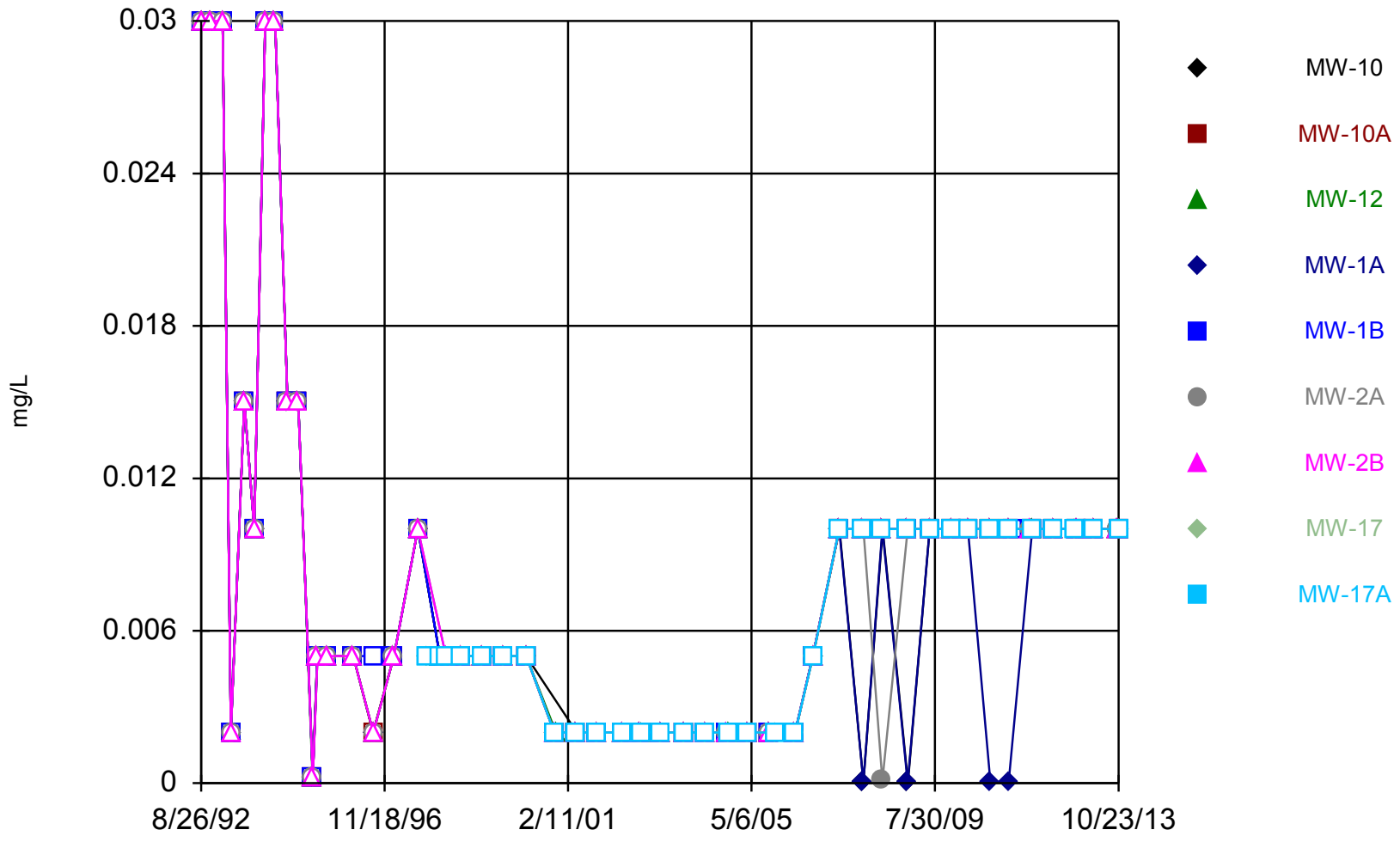


Constituent: Selenium Total Analysis Run 11/26/2013 9:26 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

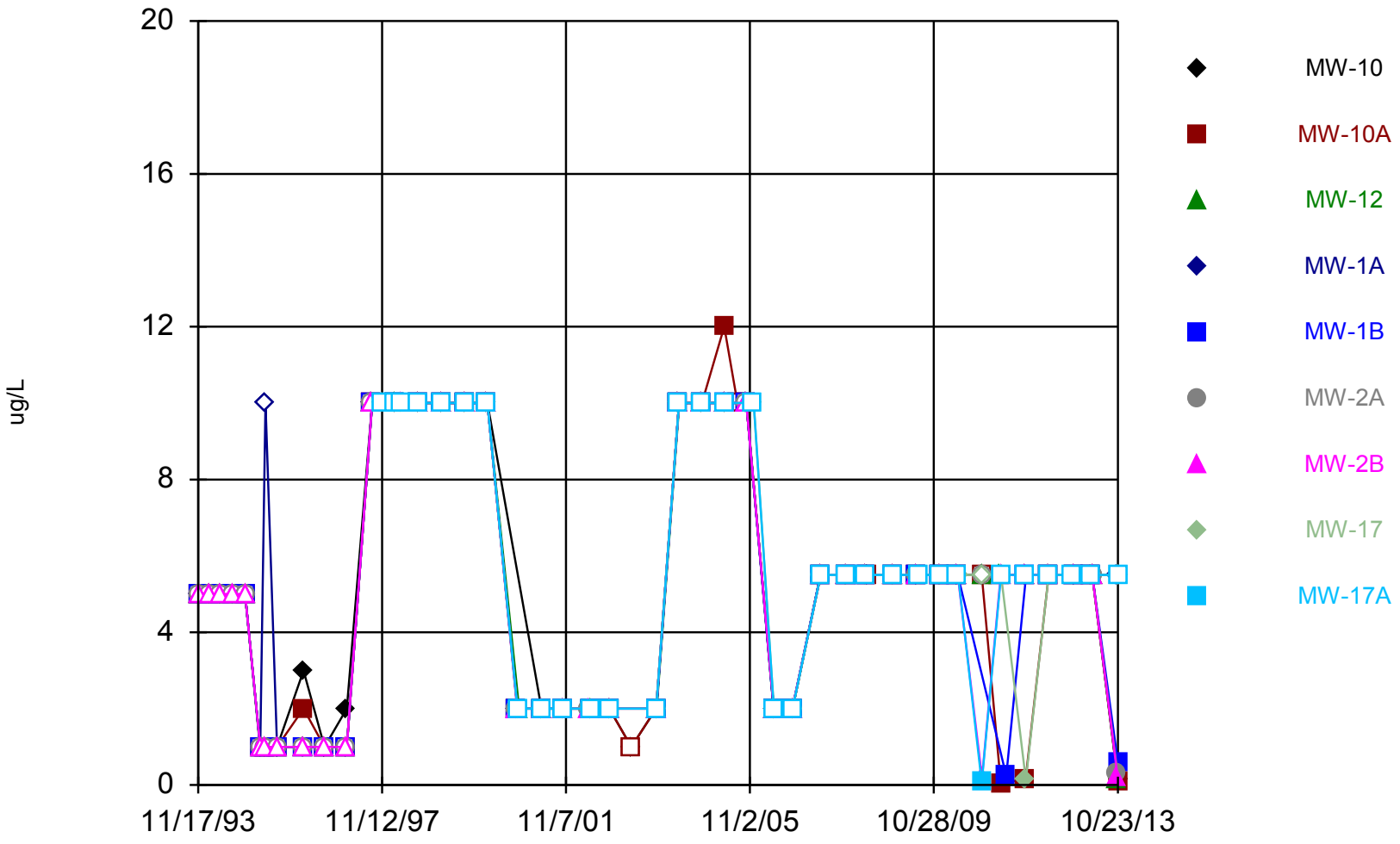


Constituent: Silver Total Analysis Run 11/26/2013 9:26 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

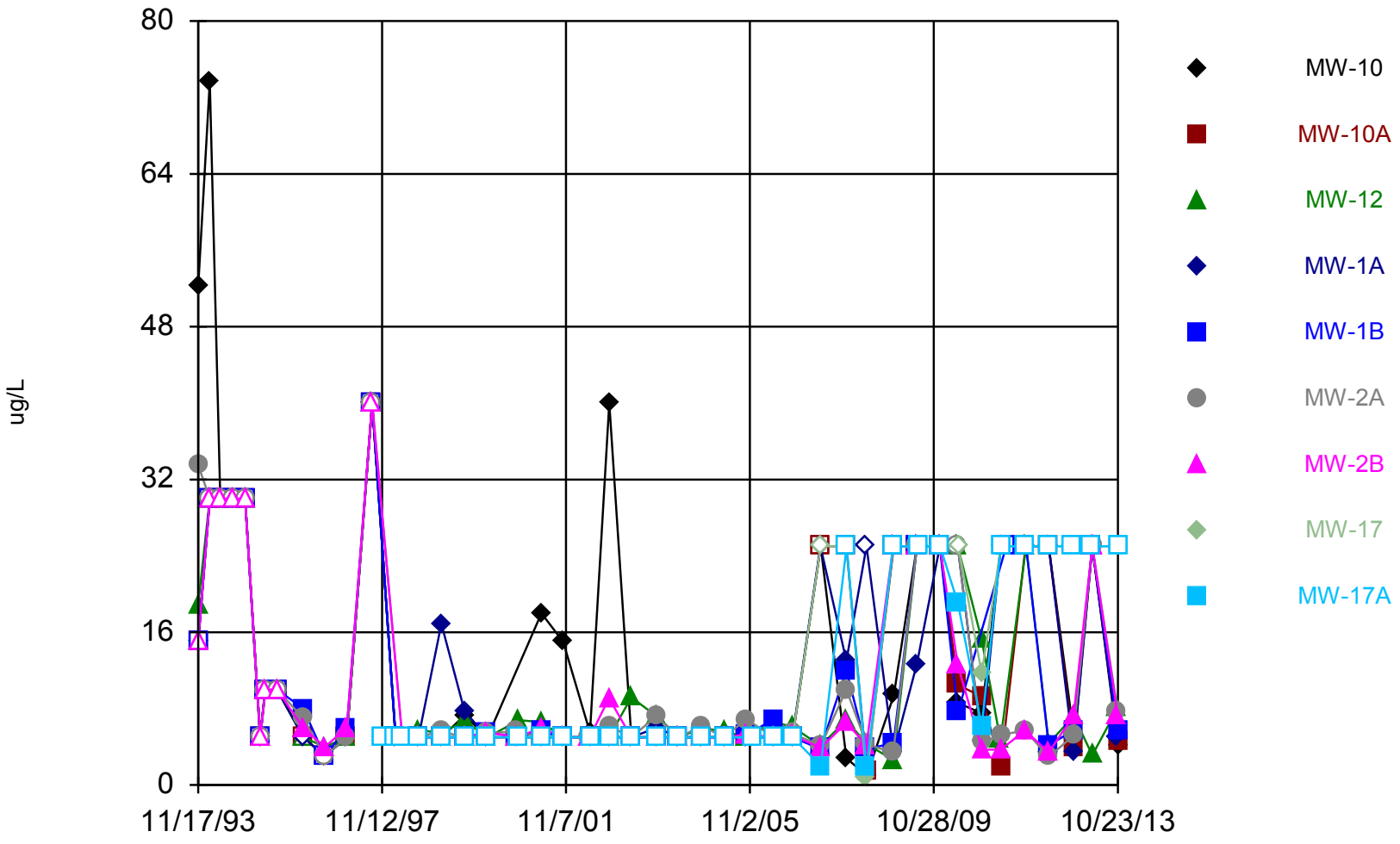


Constituent: Thallium Total Analysis Run 11/26/2013 9:26 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

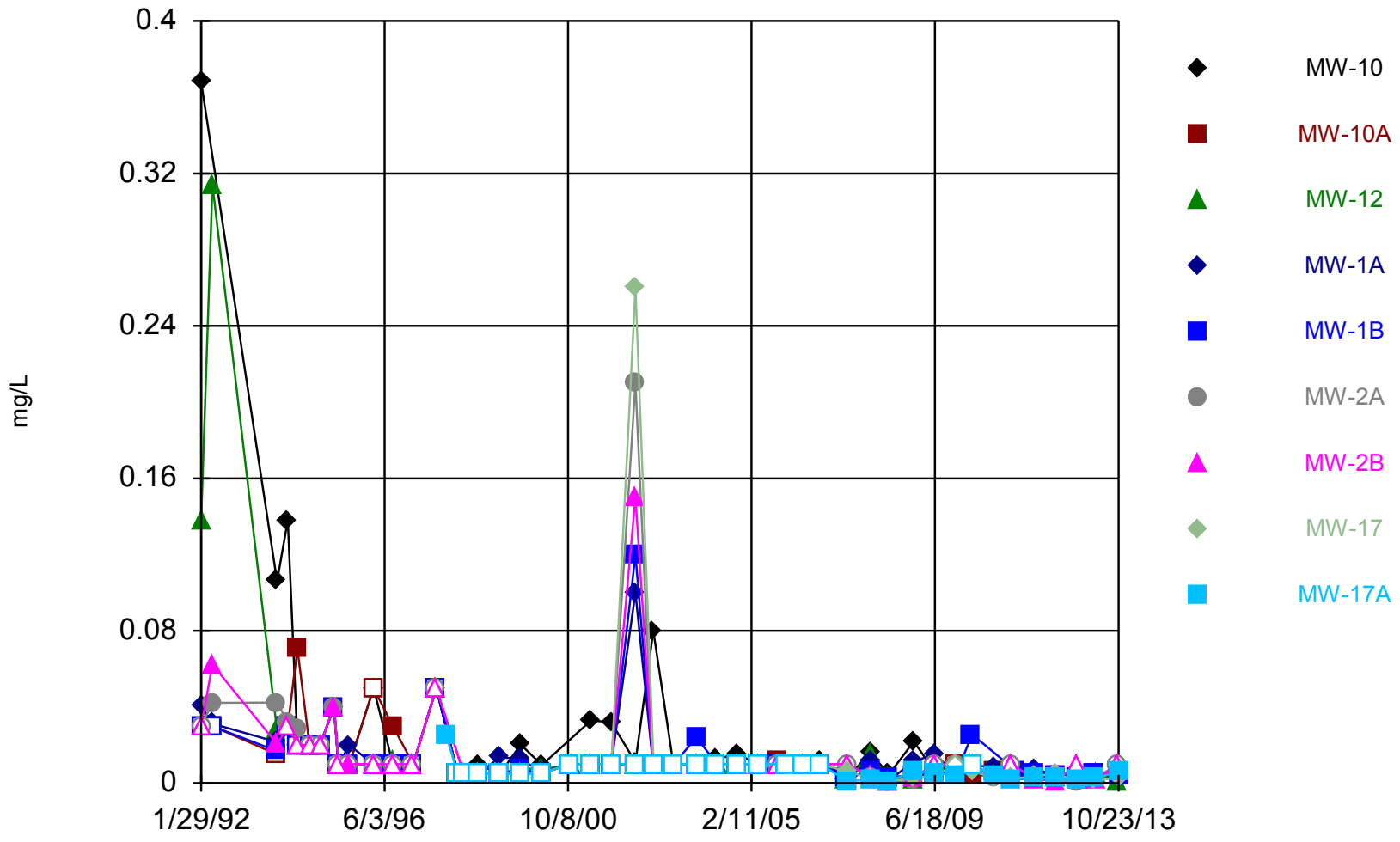


Constituent: Vanadium Total Analysis Run 11/26/2013 9:26 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

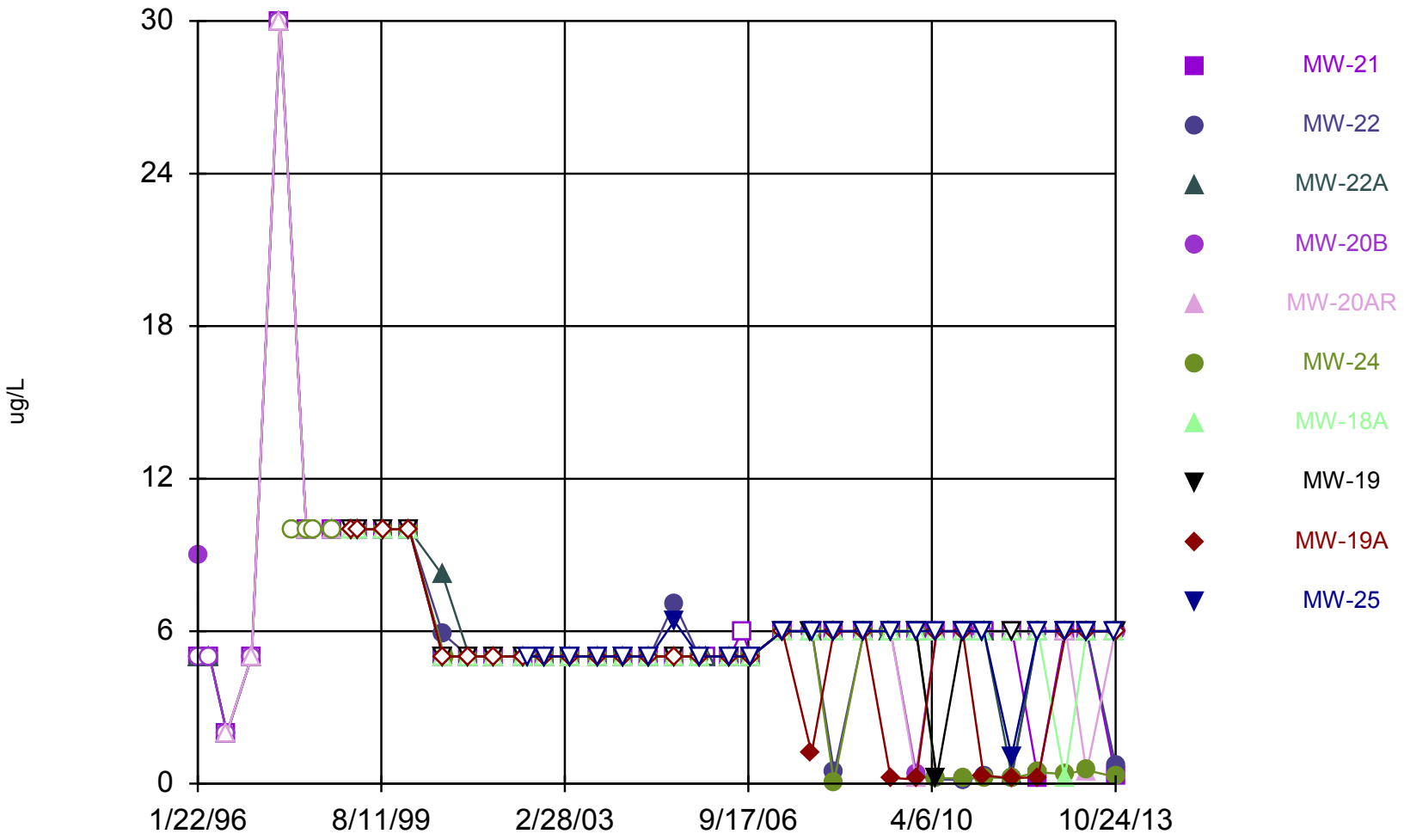


Constituent: Zinc Total Analysis Run 11/26/2013 9:26 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

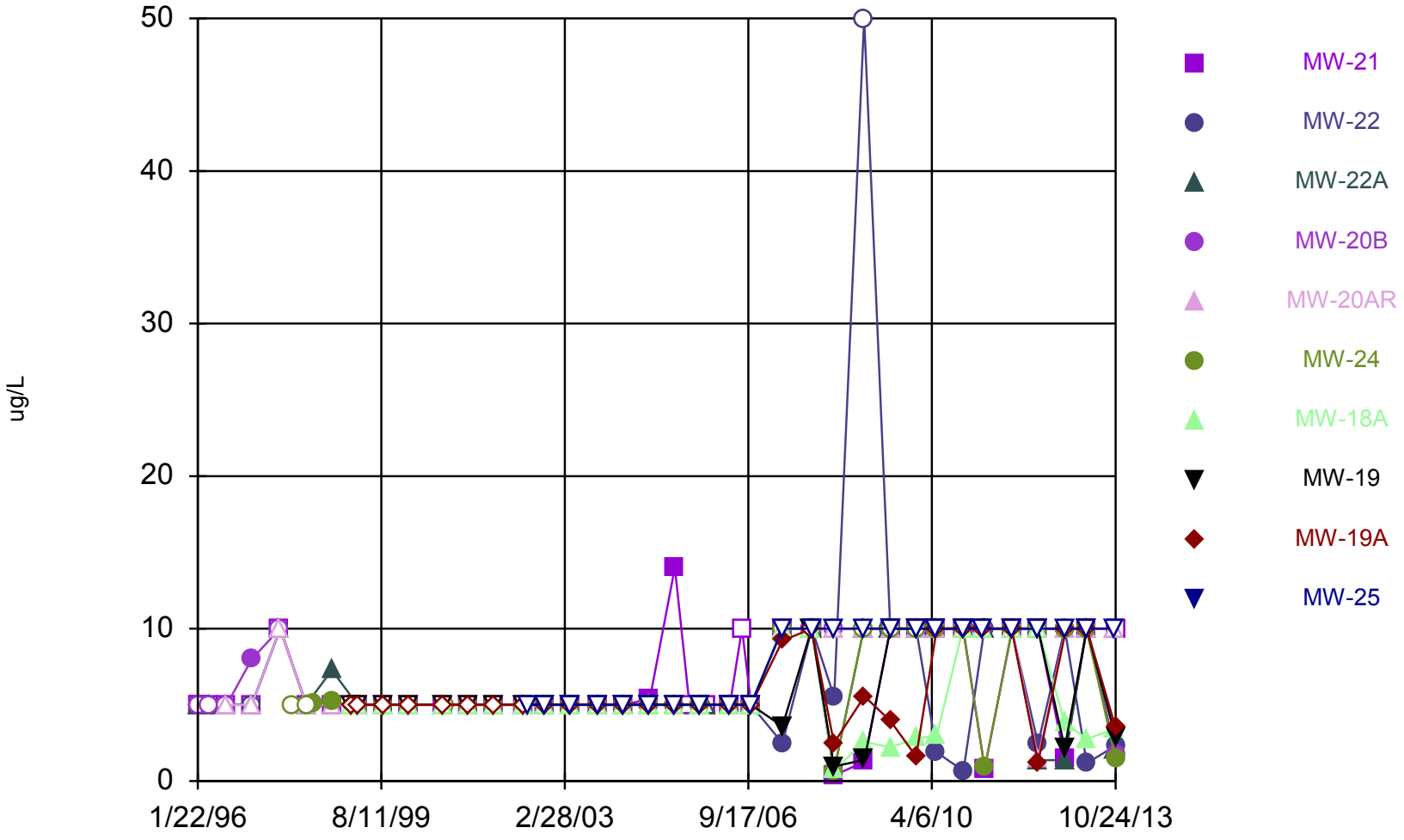


Constituent: Antimony Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

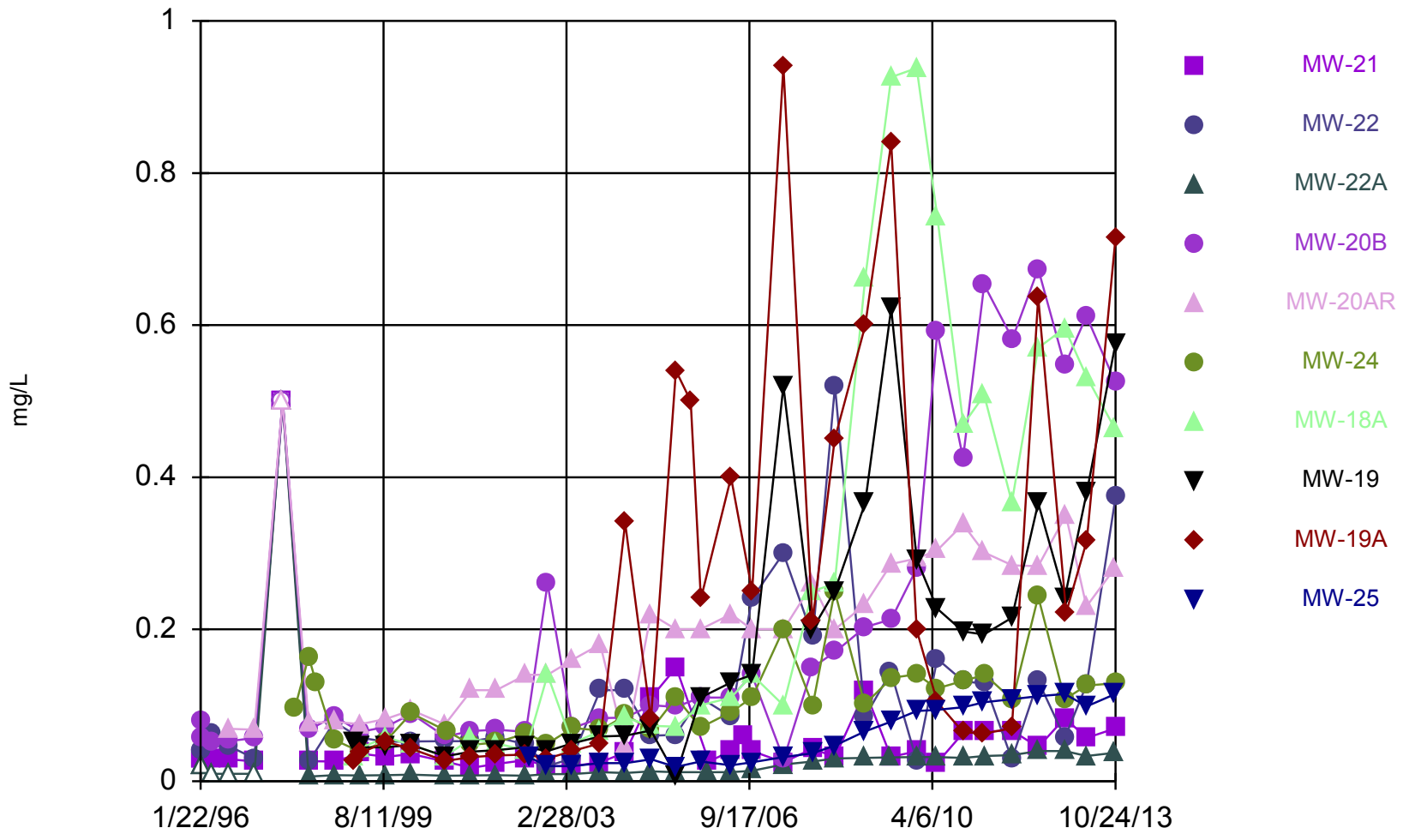


Constituent: Arsenic Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

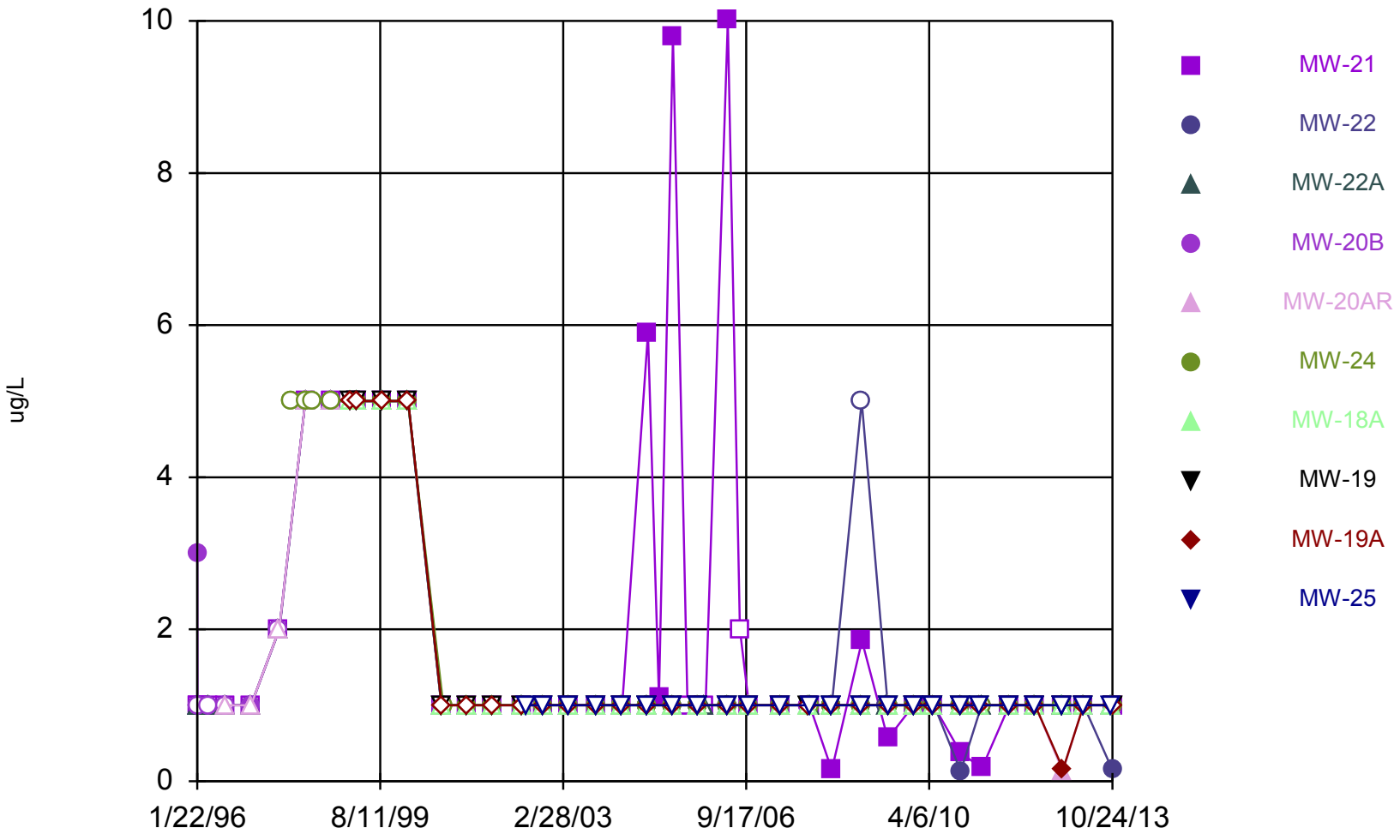


Constituent: Barium Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

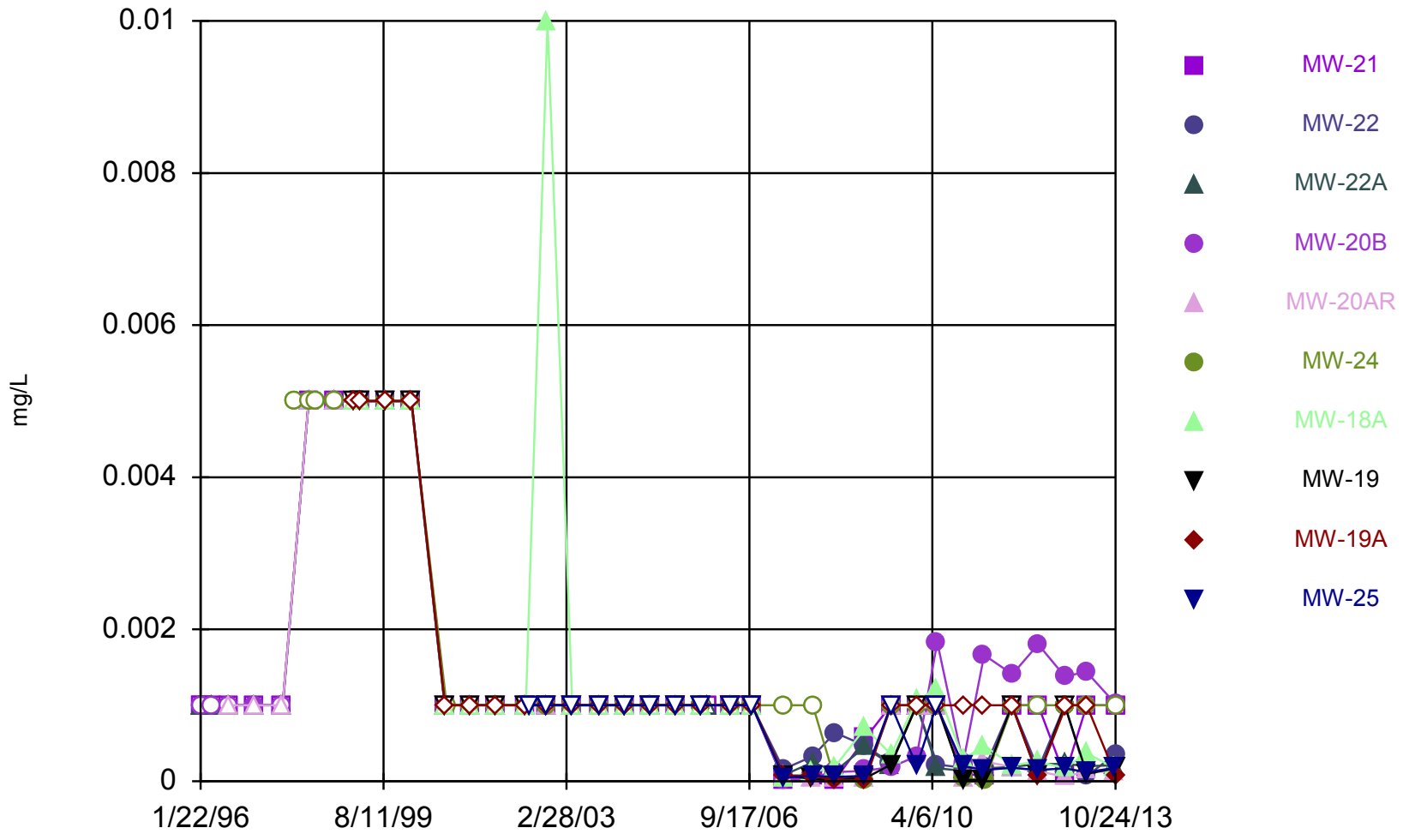


Constituent: Beryllium Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

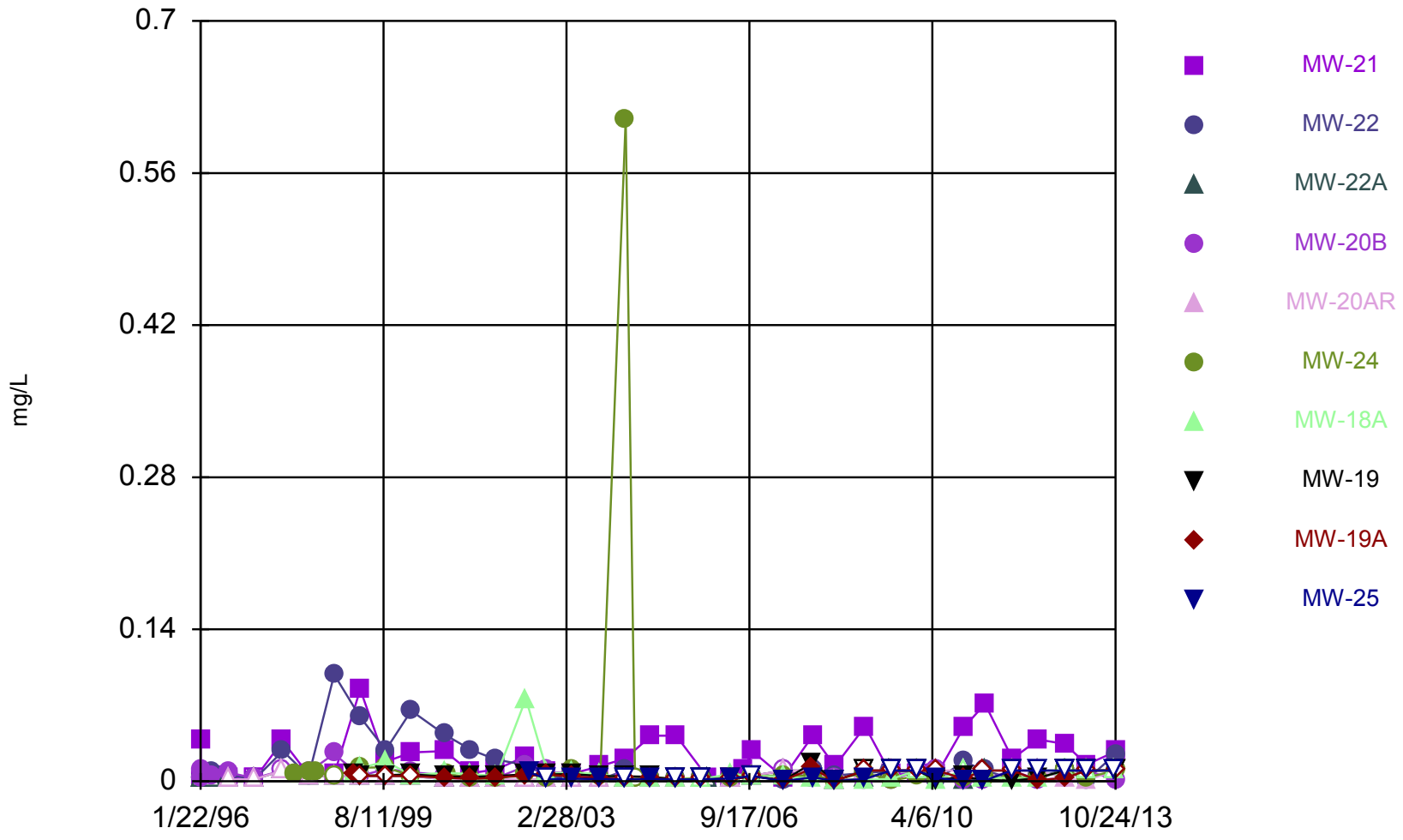


Constituent: Cadmium Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

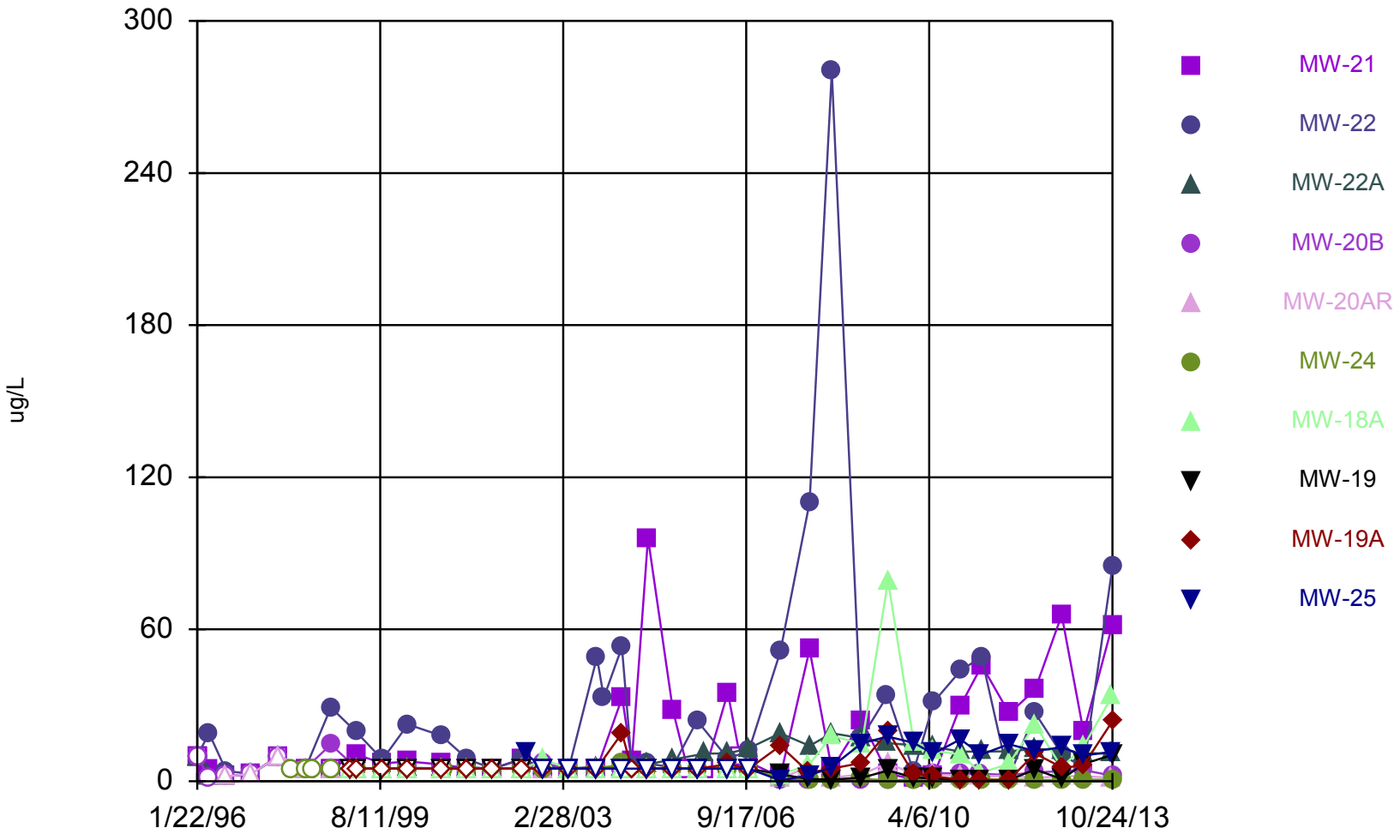


Constituent: Chromium Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

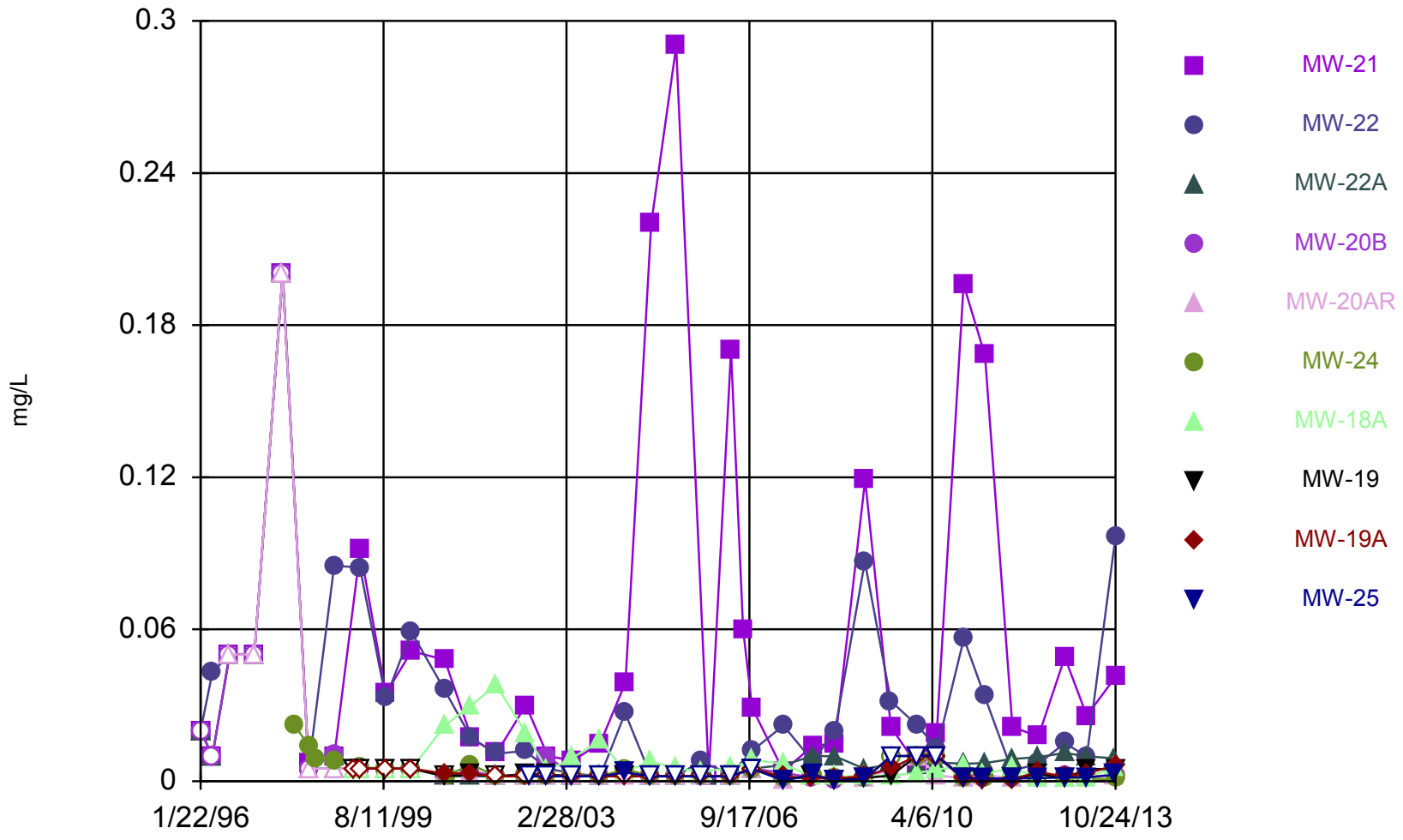


Constituent: Cobalt Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

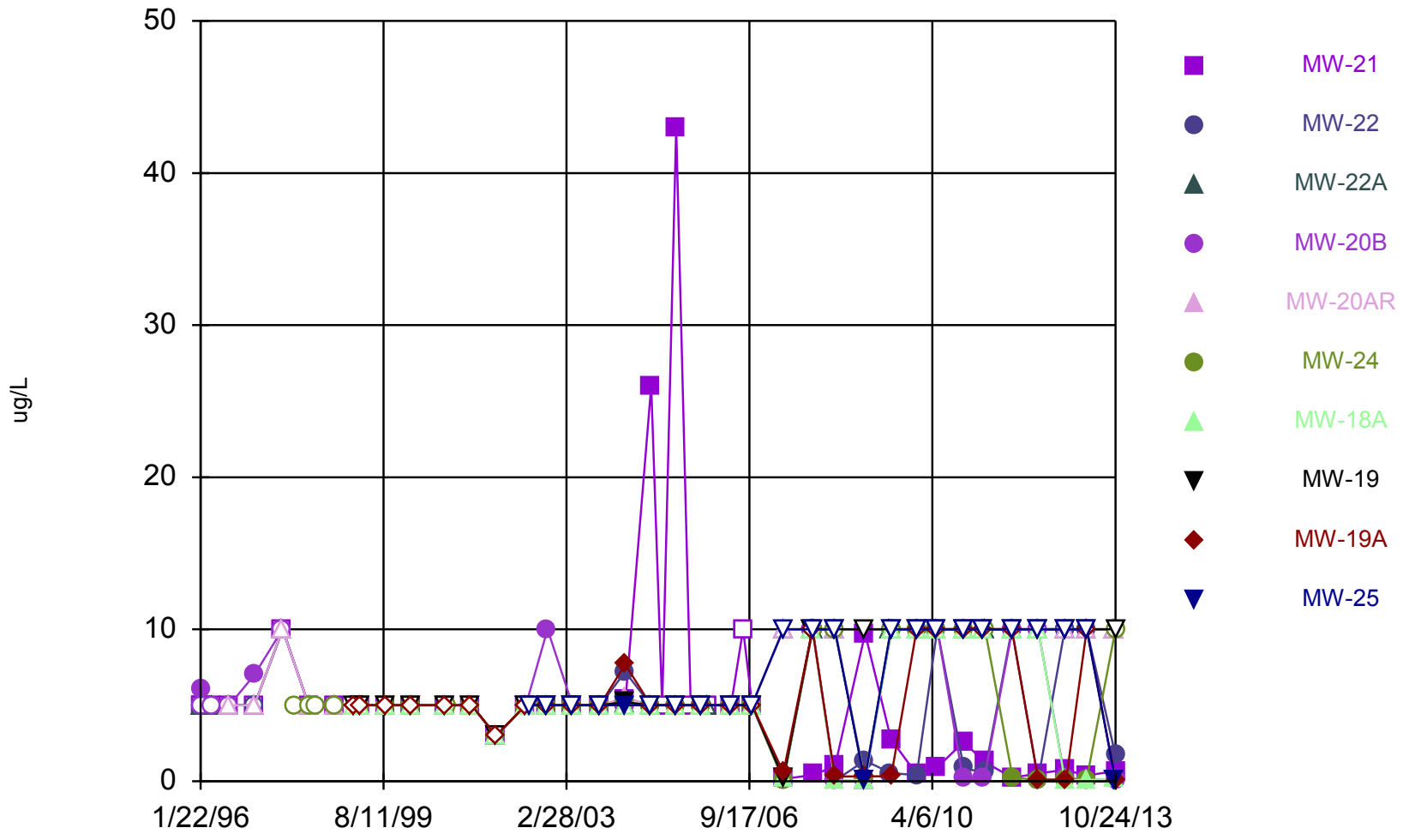


Constituent: Copper Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

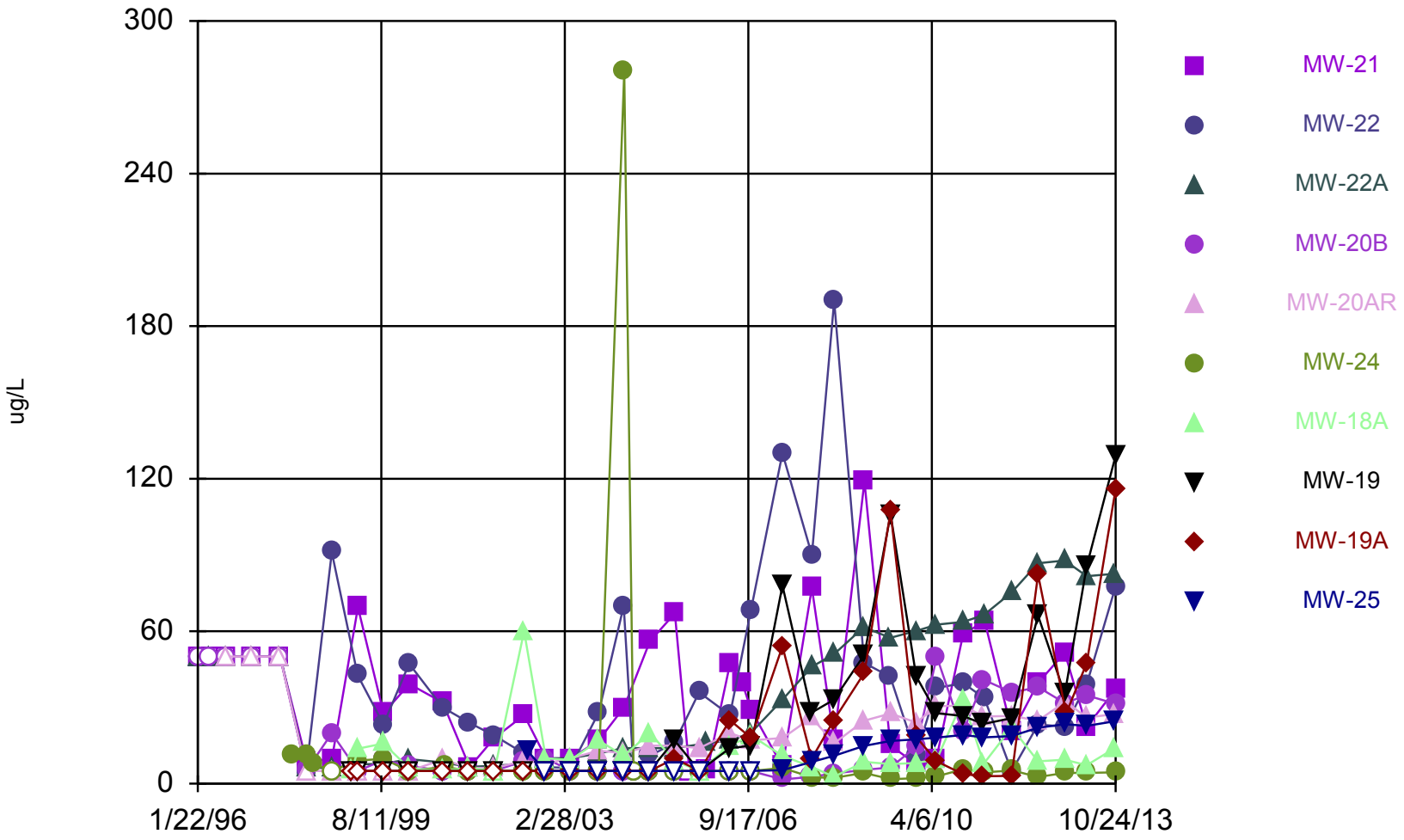


Constituent: Lead Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

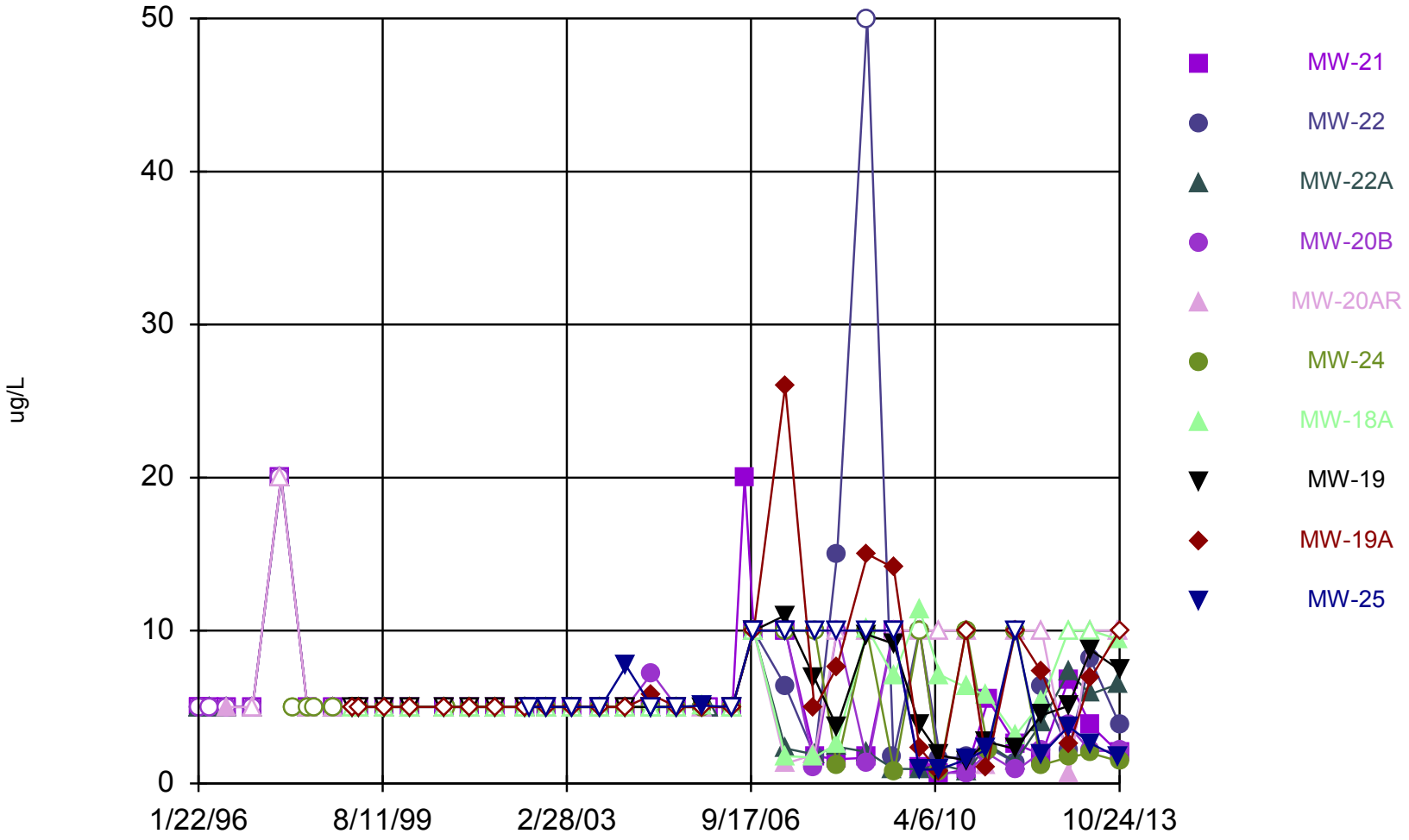


Constituent: Nickel Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

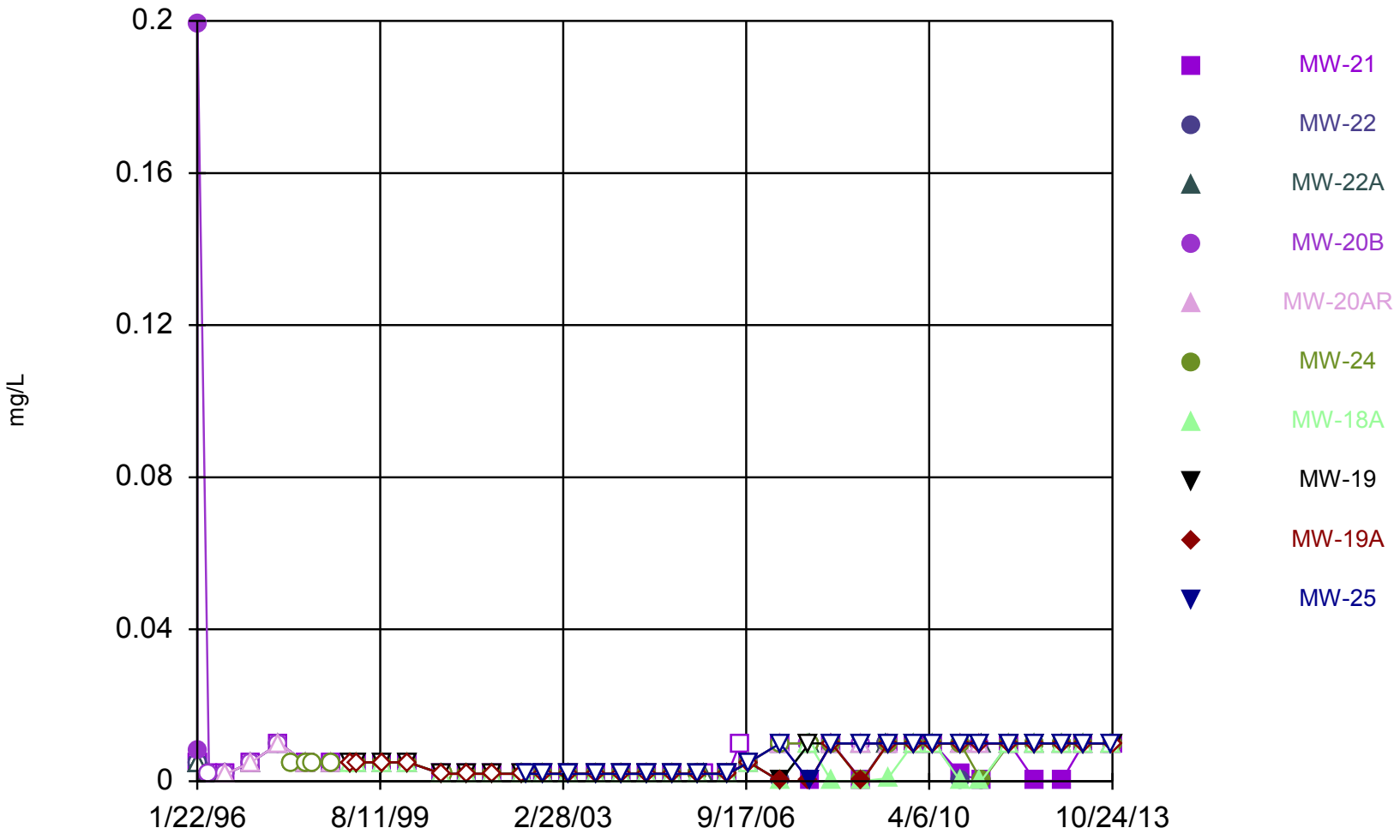


Constituent: Selenium Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

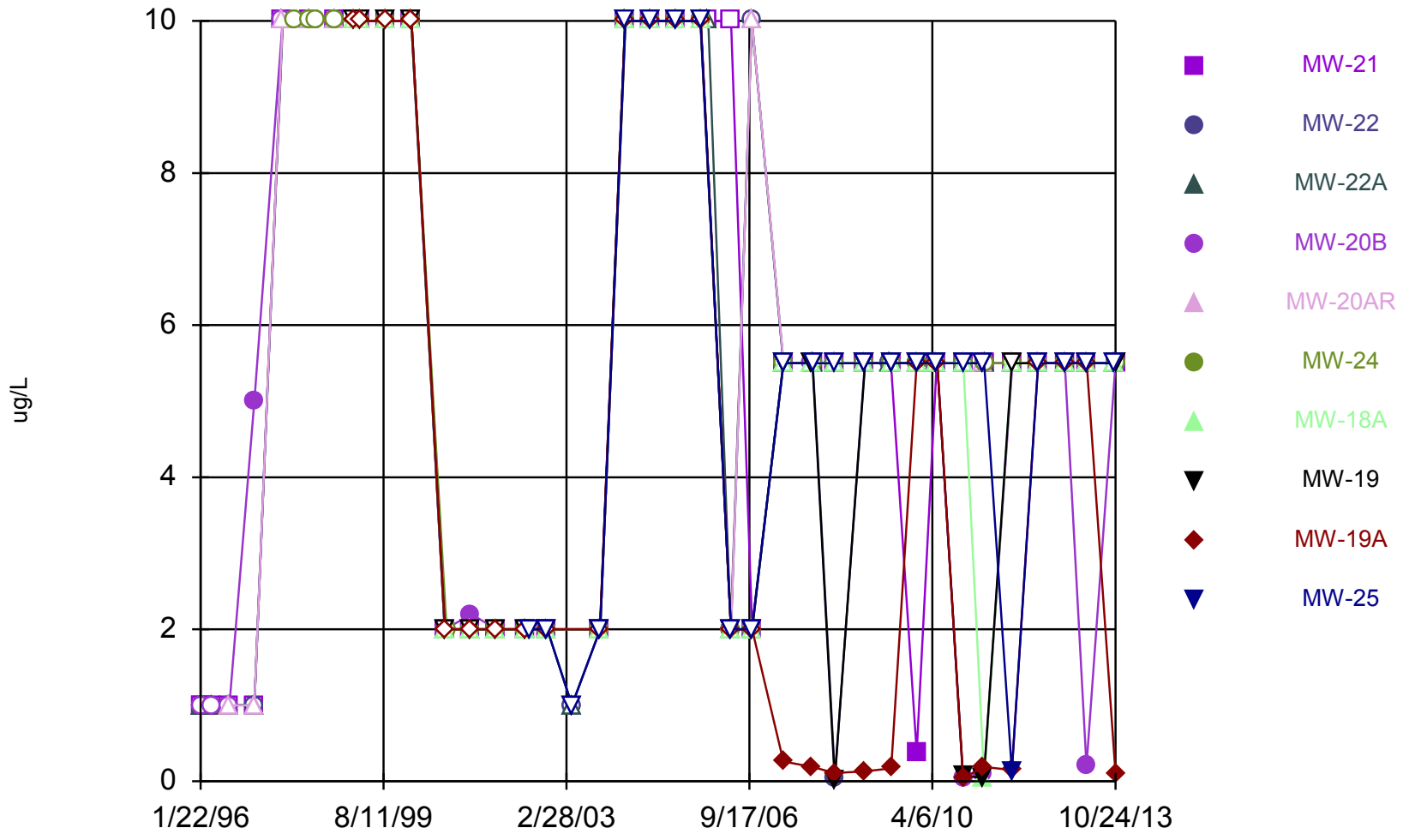


Constituent: Silver Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

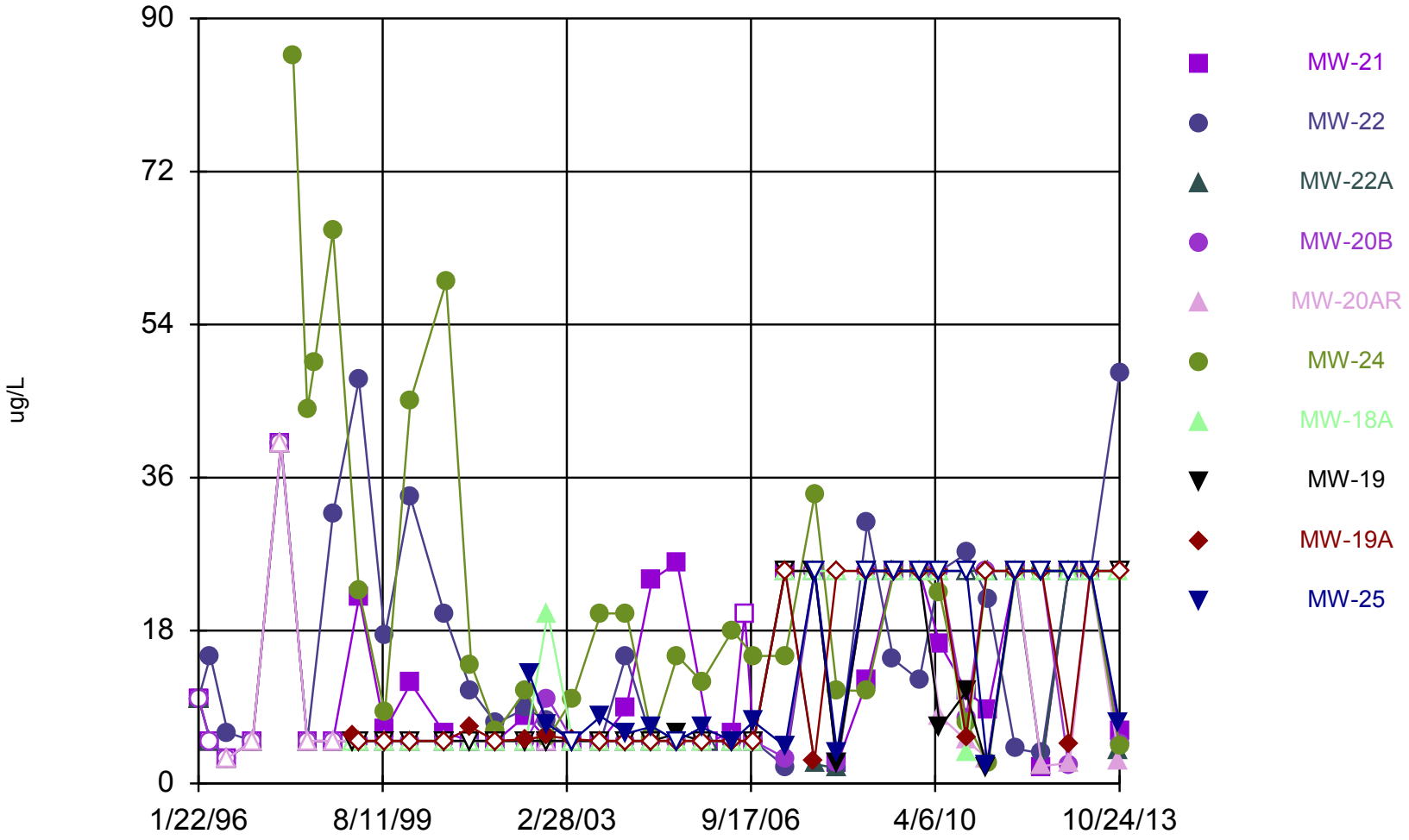


Constituent: Thallium Total Analysis Run 11/26/2013 9:27 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

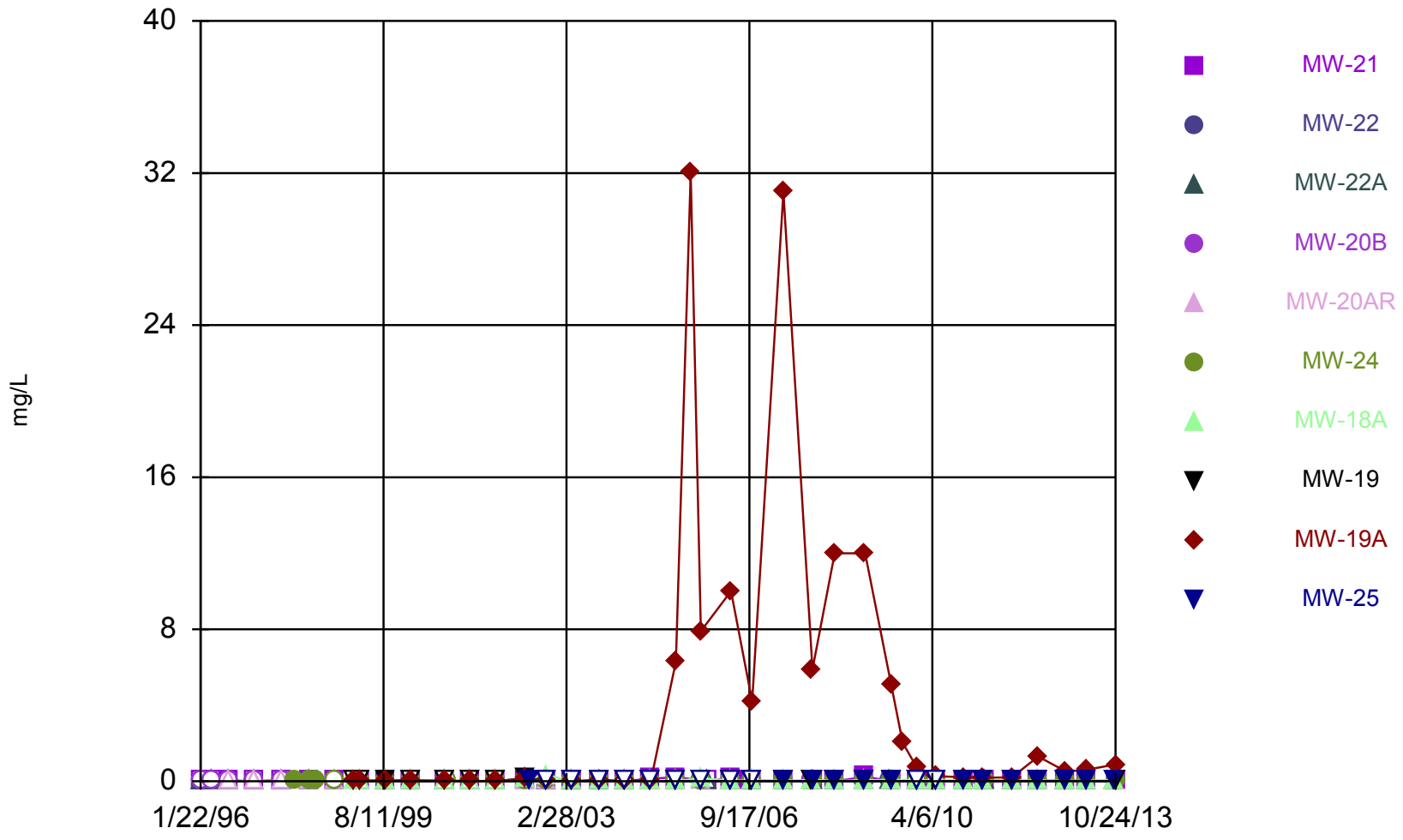


Constituent: Vanadium Total Analysis Run 11/26/2013 9:28 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

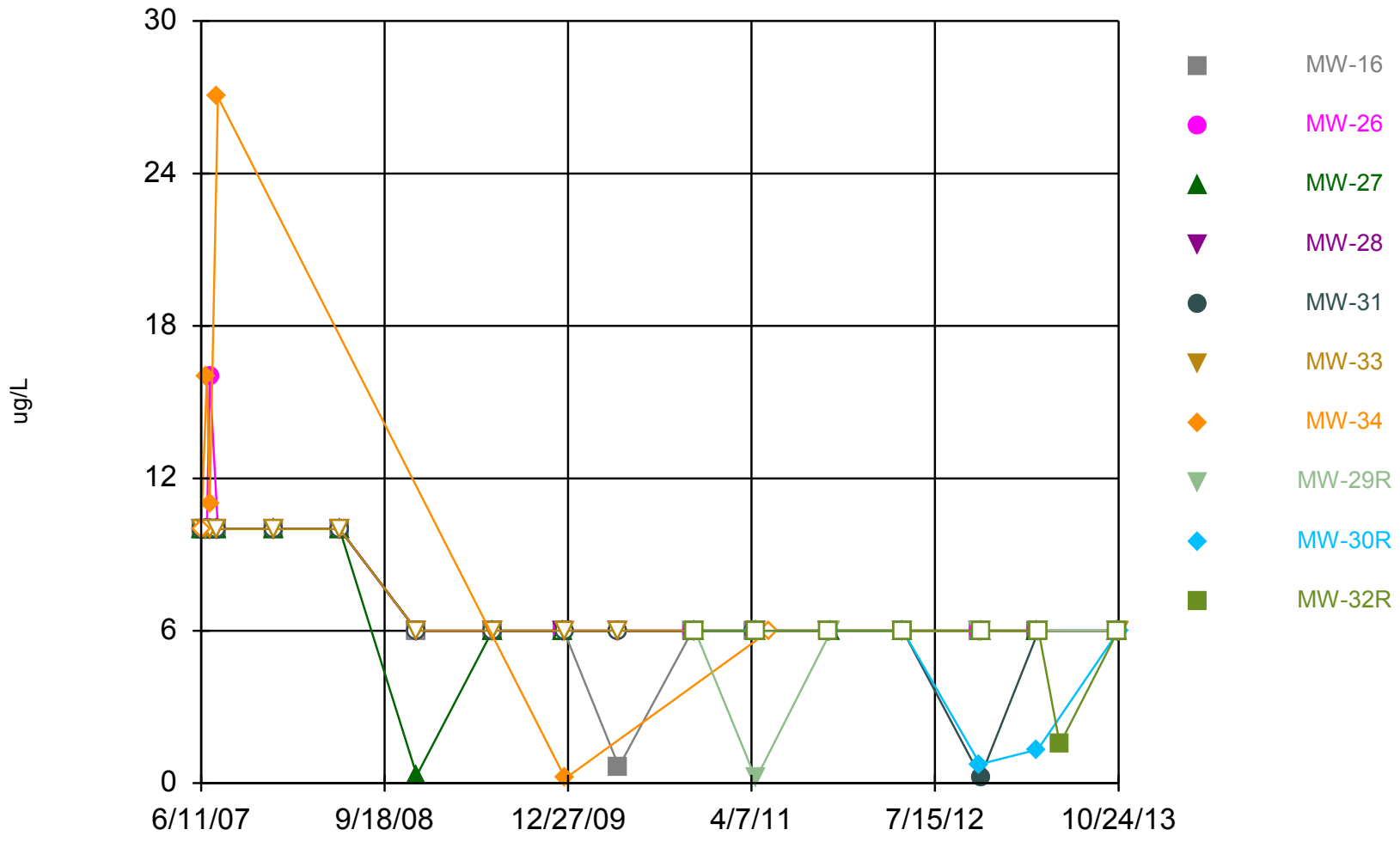


Constituent: Zinc Total Analysis Run 11/26/2013 9:28 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

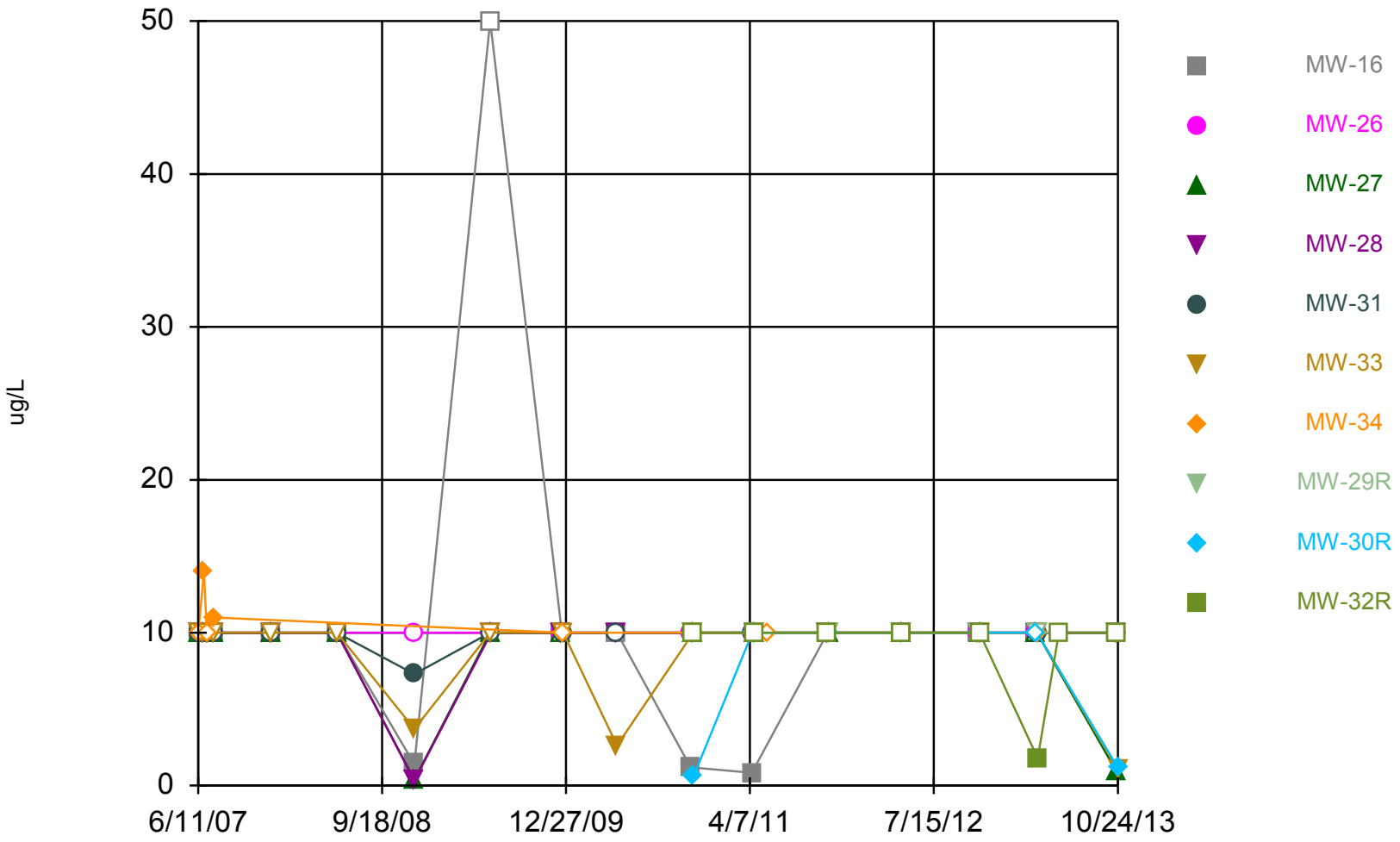


Constituent: Antimony Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

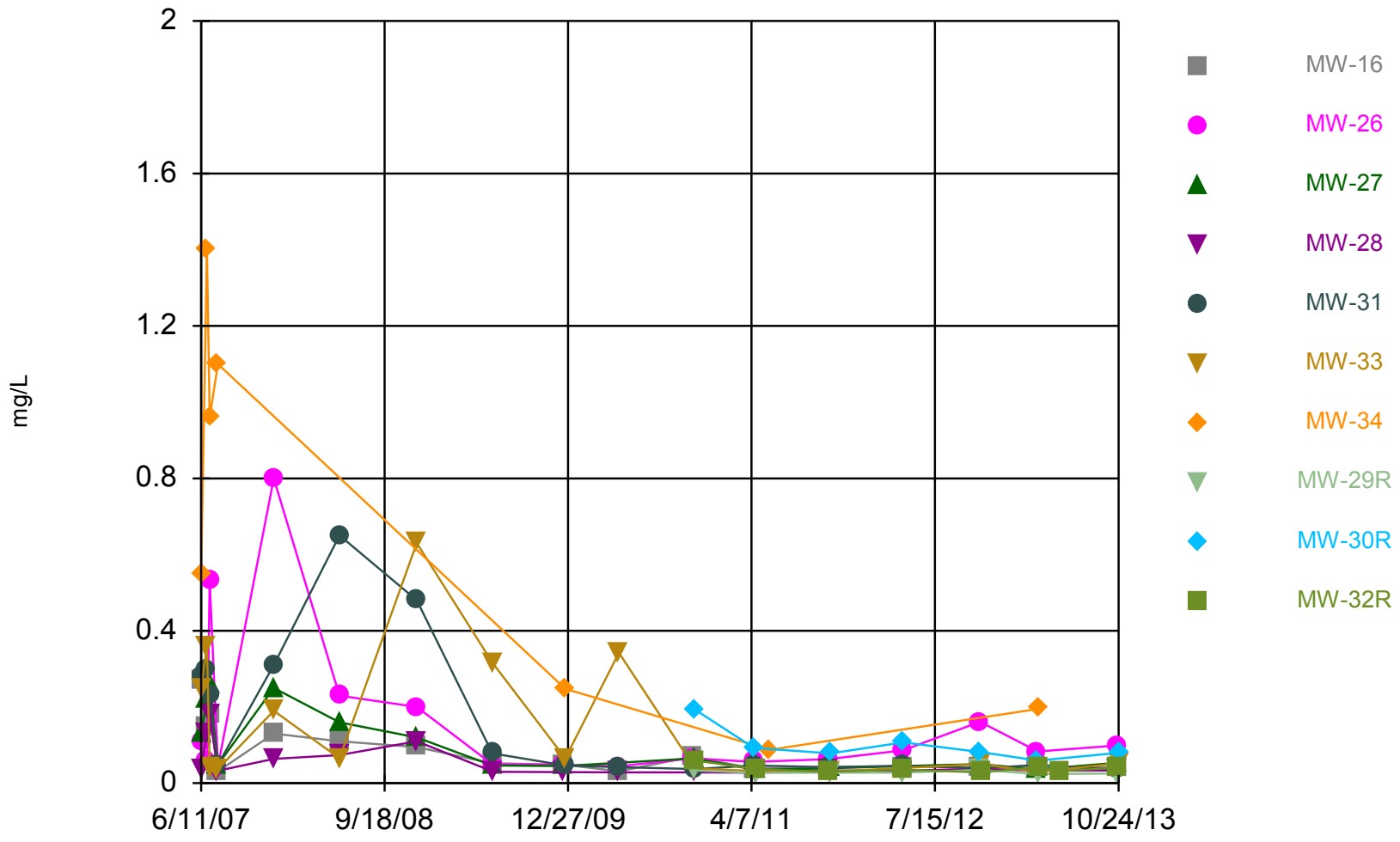


Constituent: Arsenic Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG

Time Series

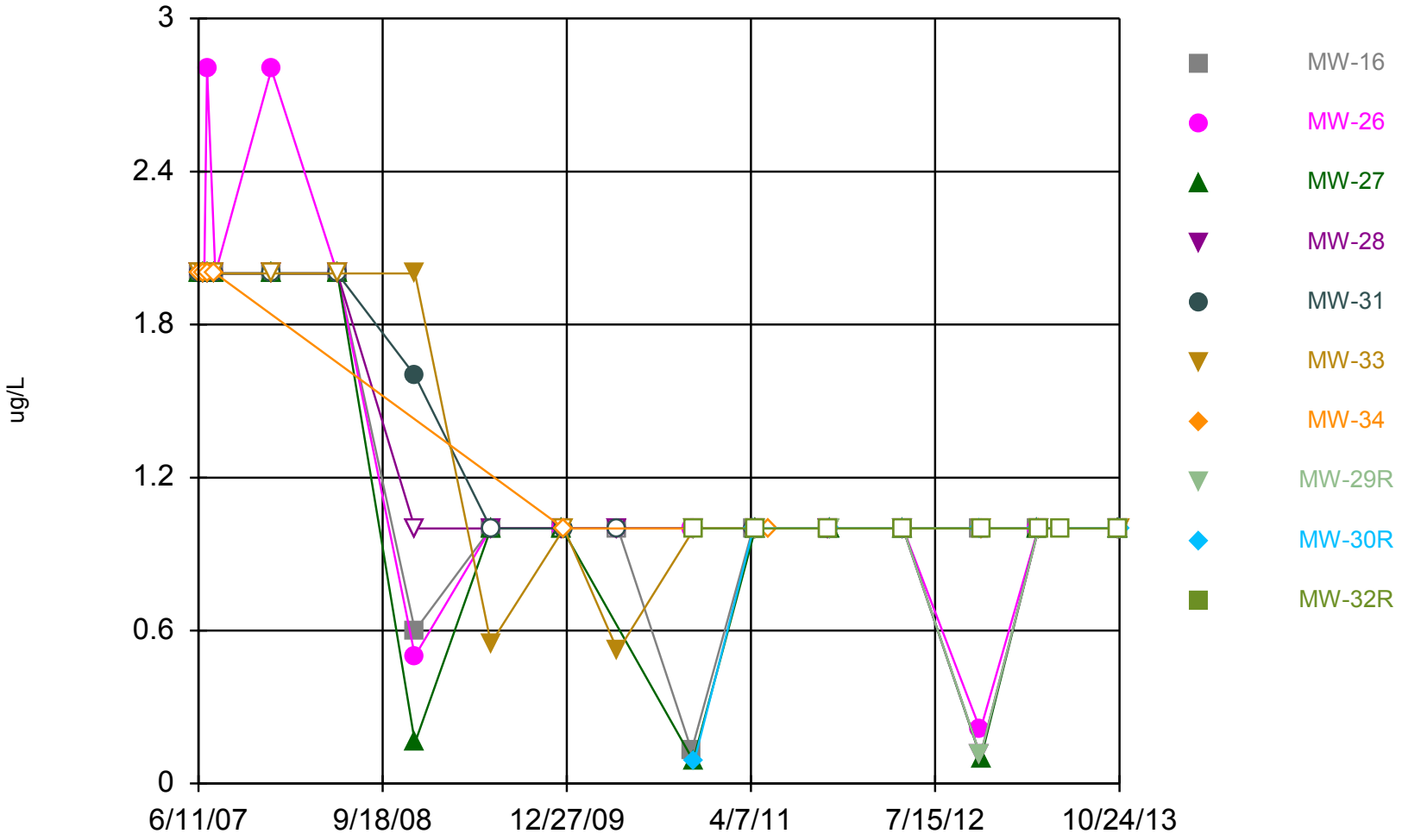


Constituent: Barium Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

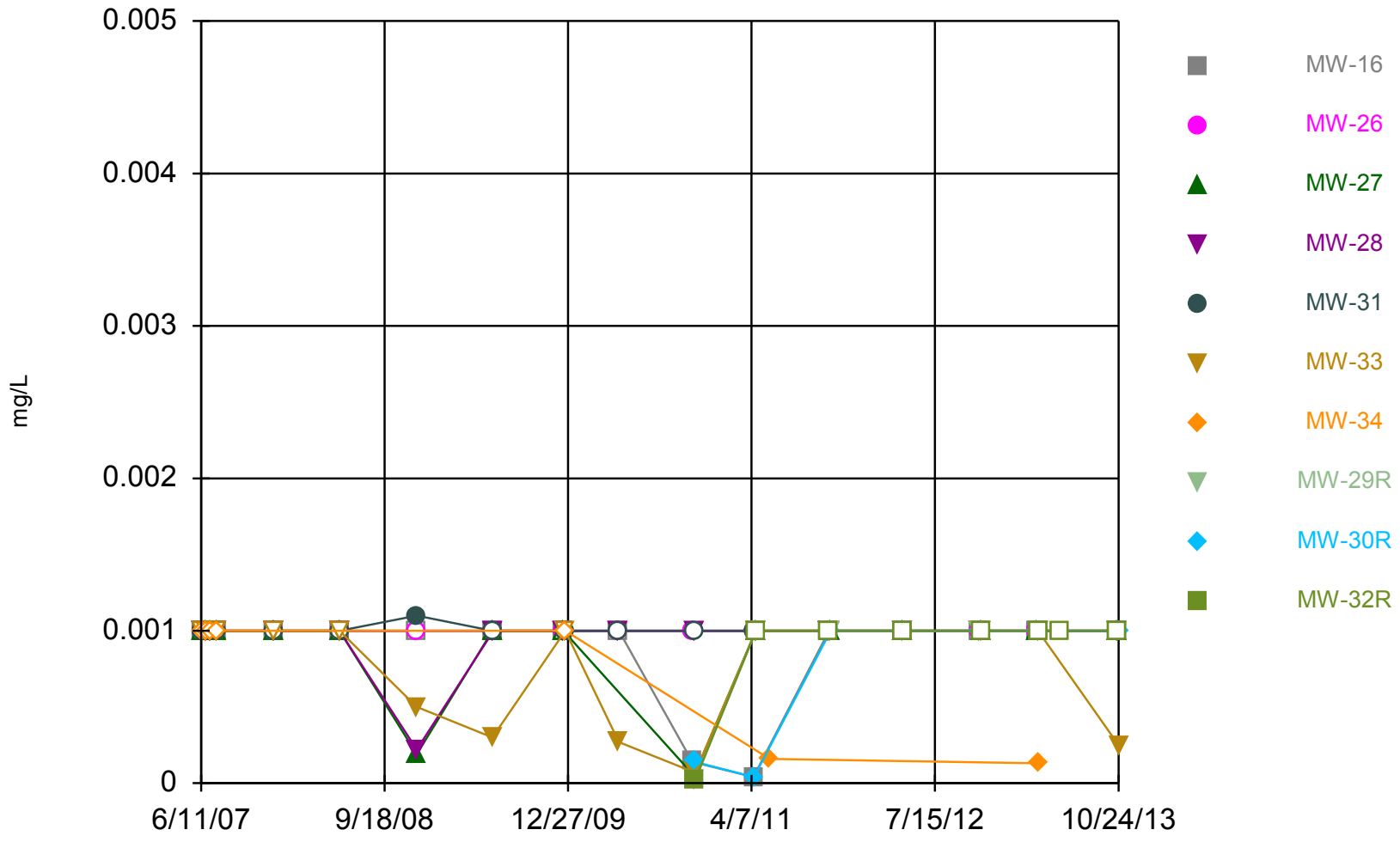


Constituent: Beryllium Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

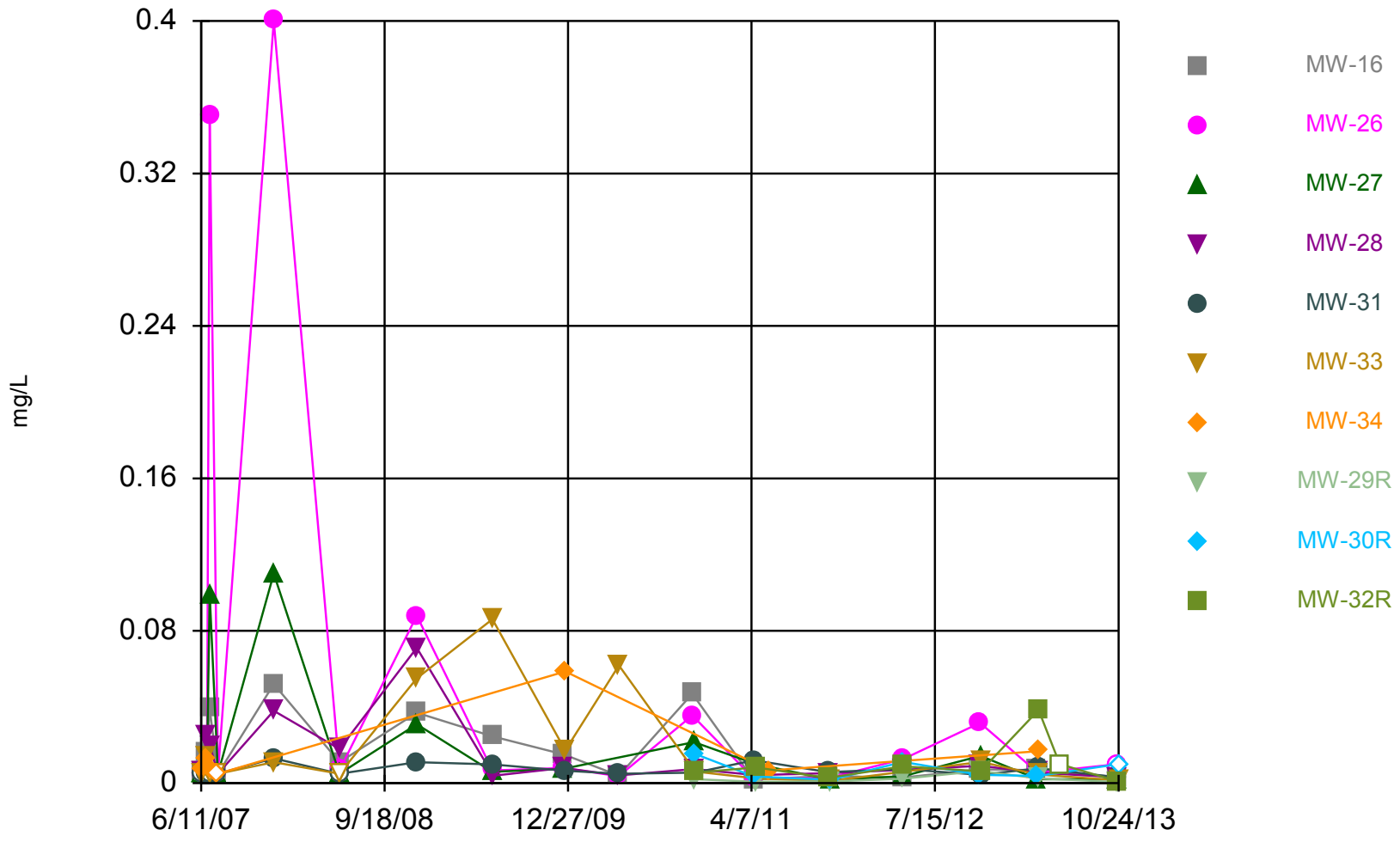


Constituent: Cadmium Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

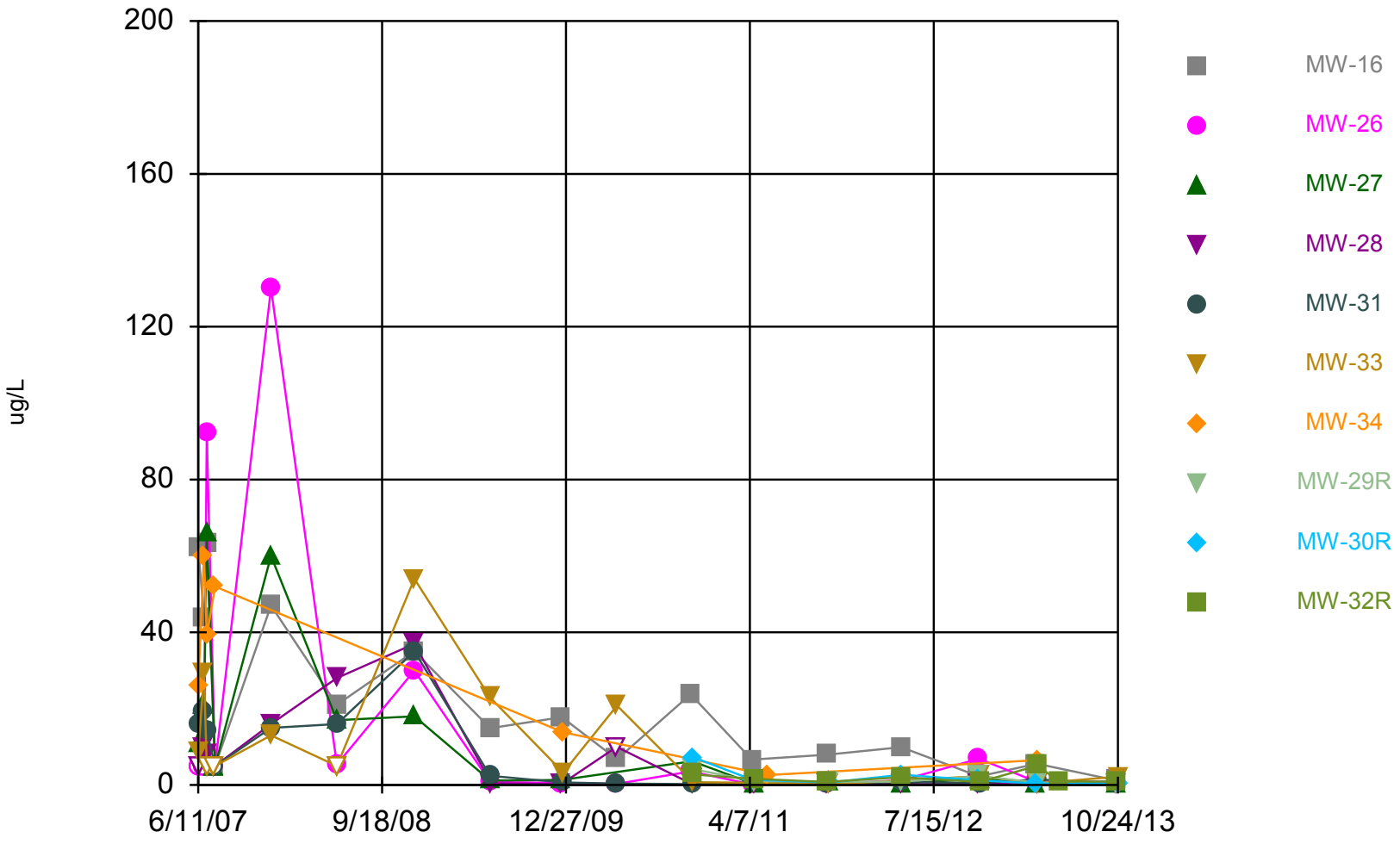


Constituent: Chromium Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

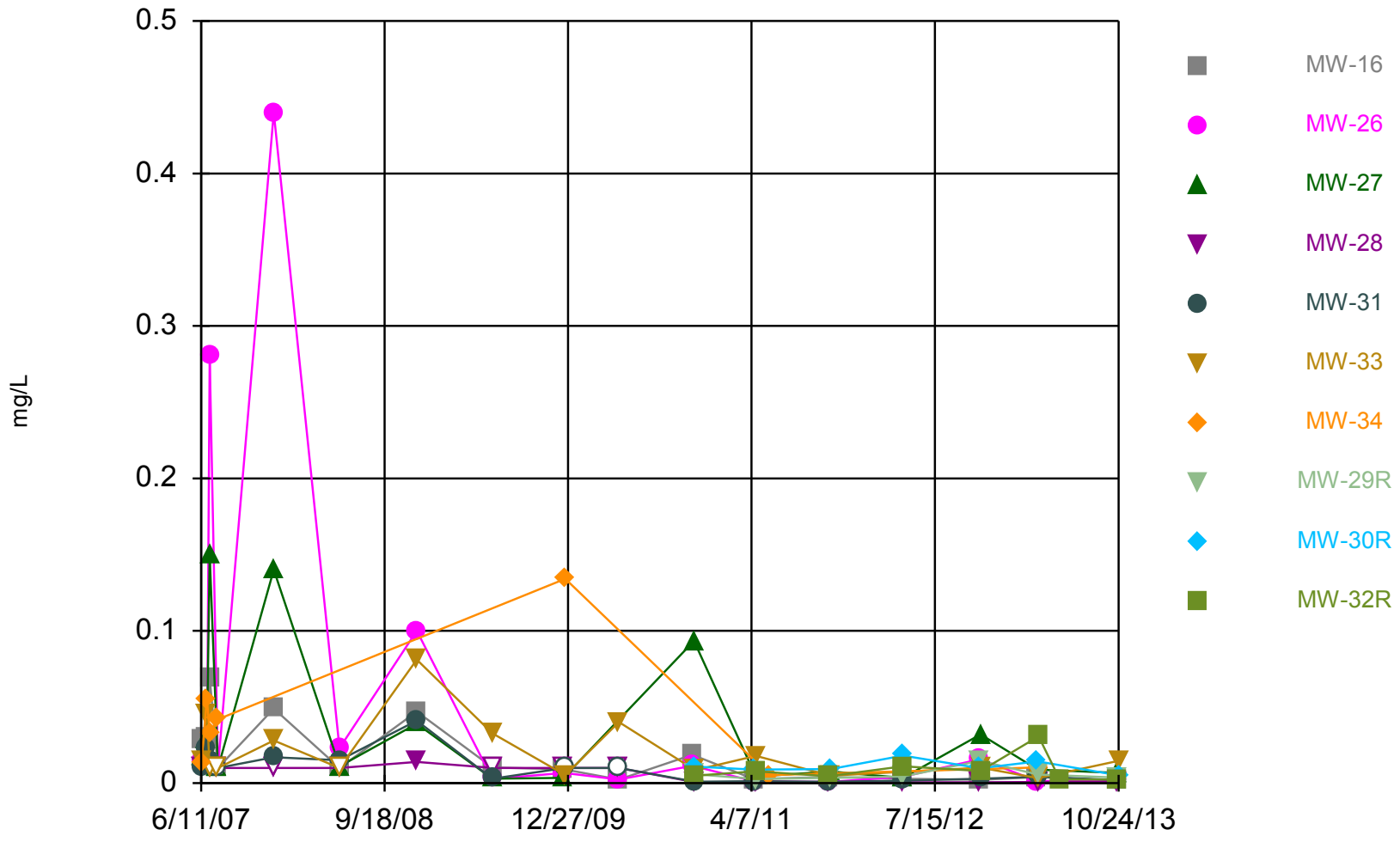


Constituent: Cobalt Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

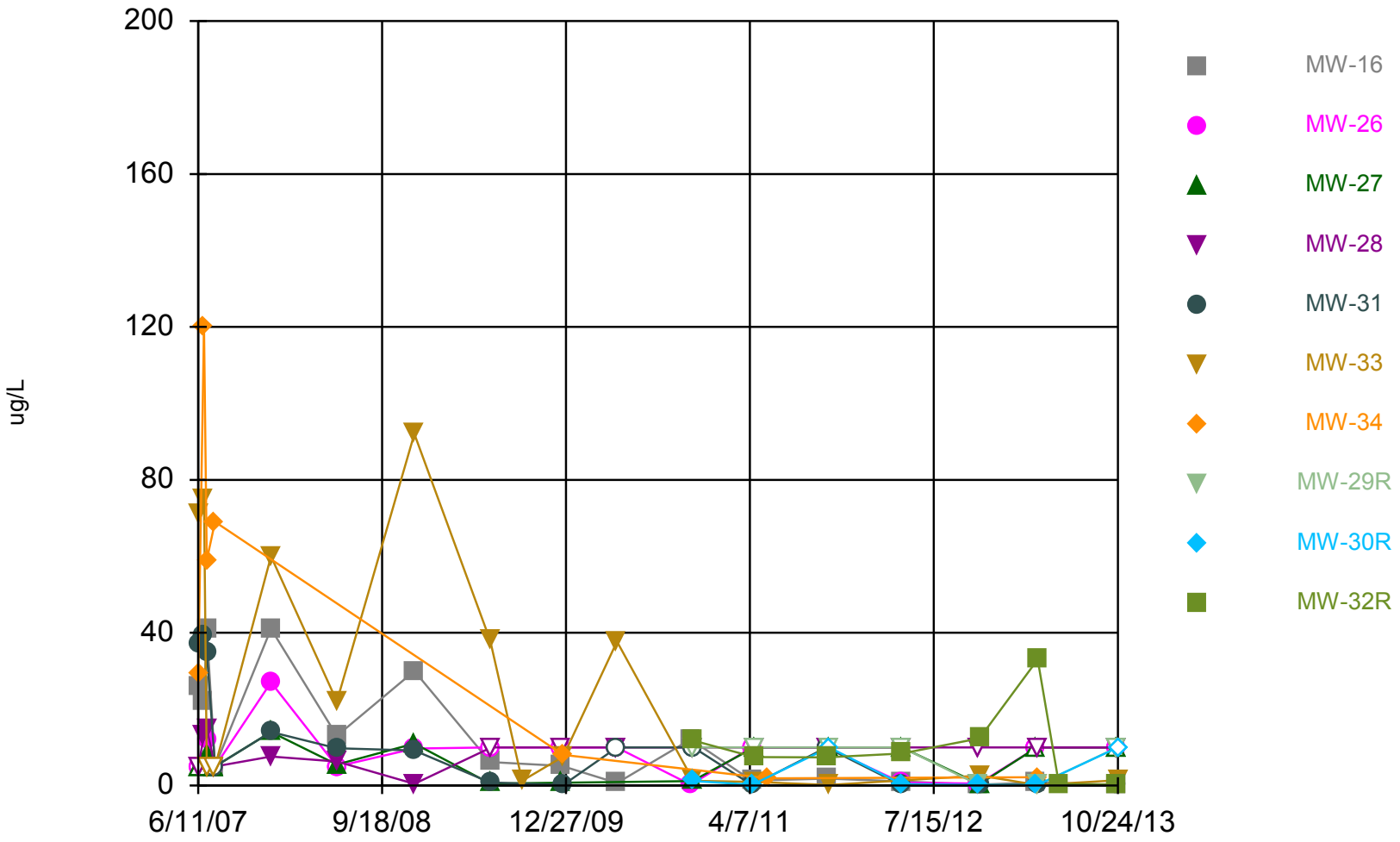


Constituent: Copper Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

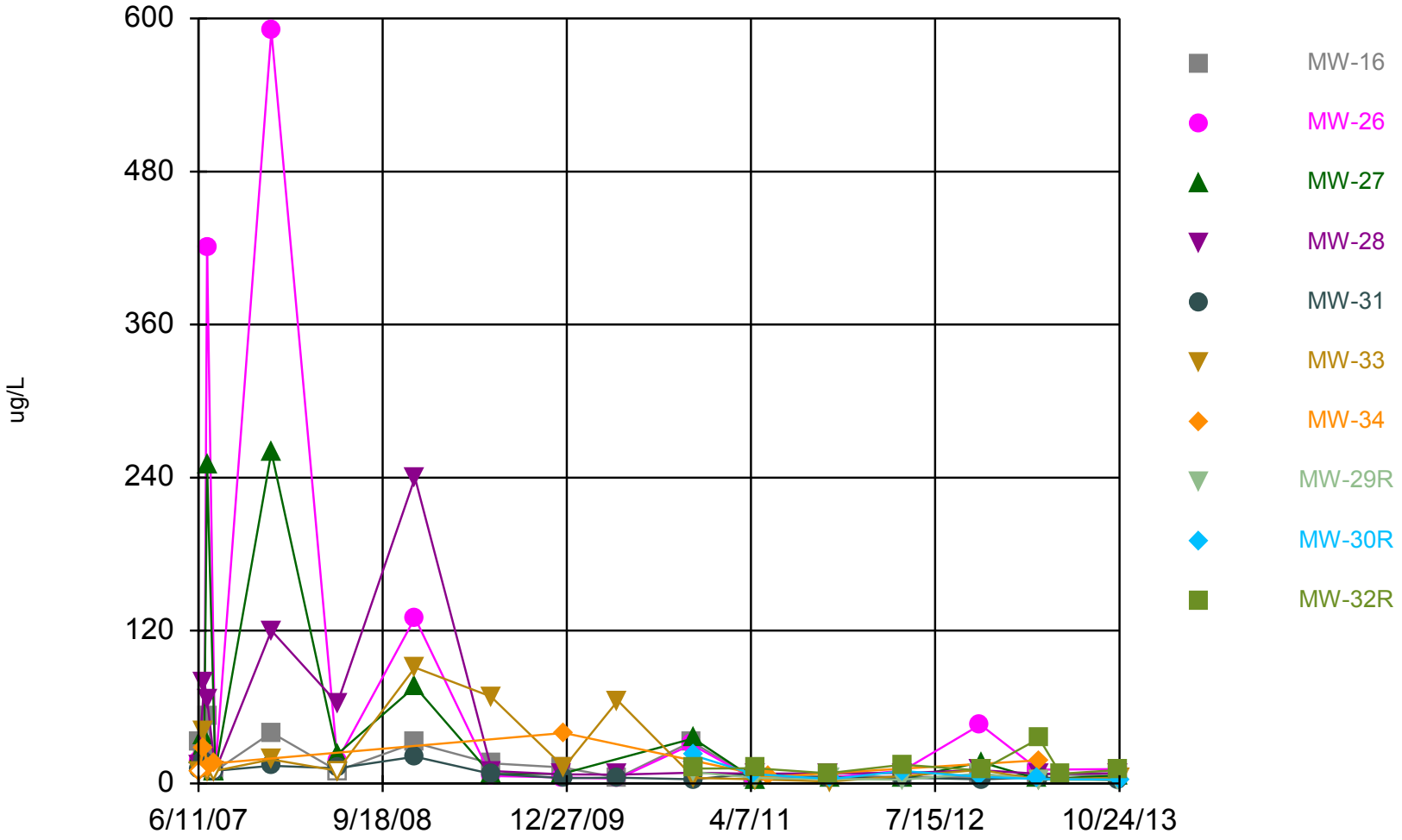


Constituent: Lead Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

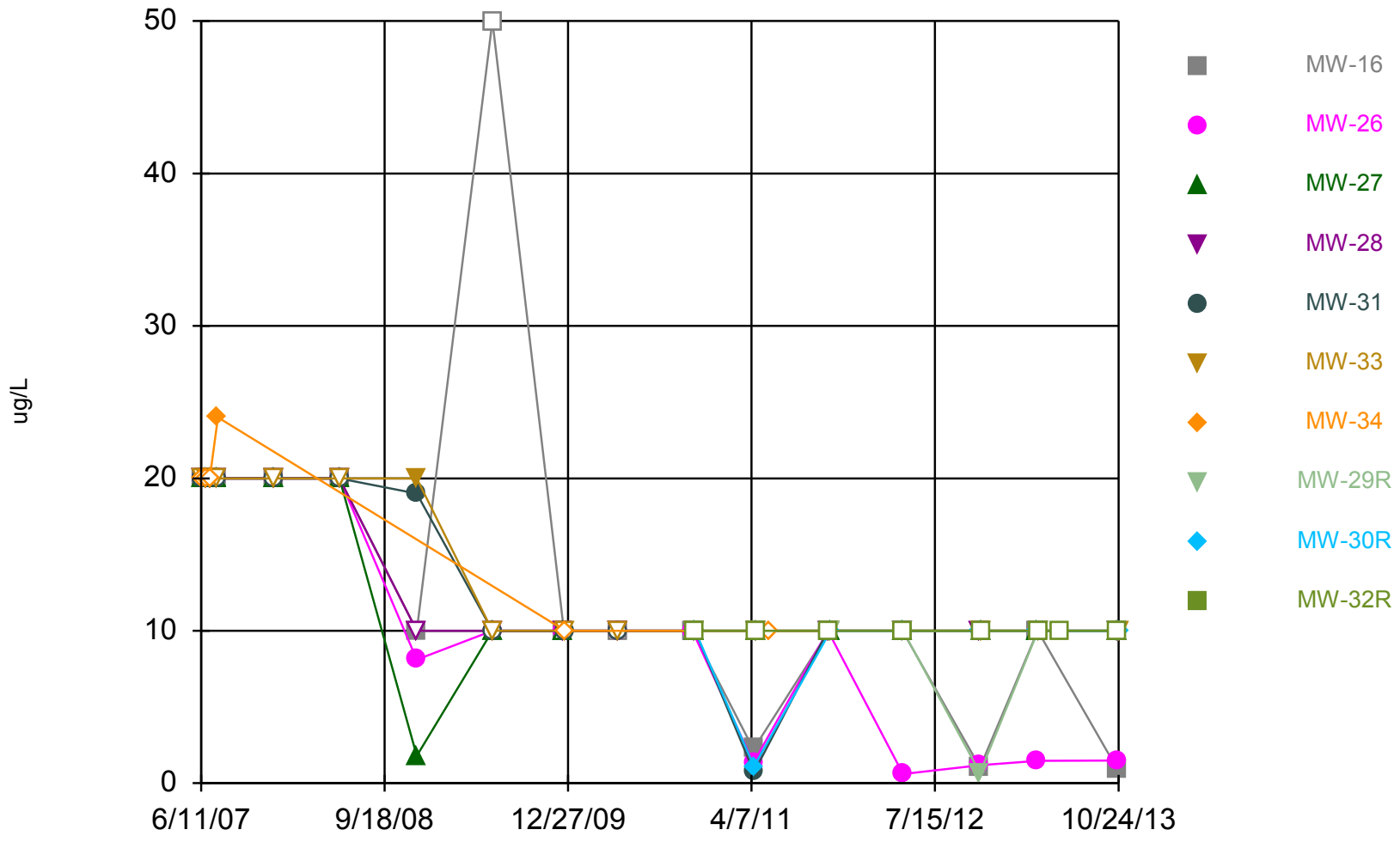


Constituent: Nickel Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

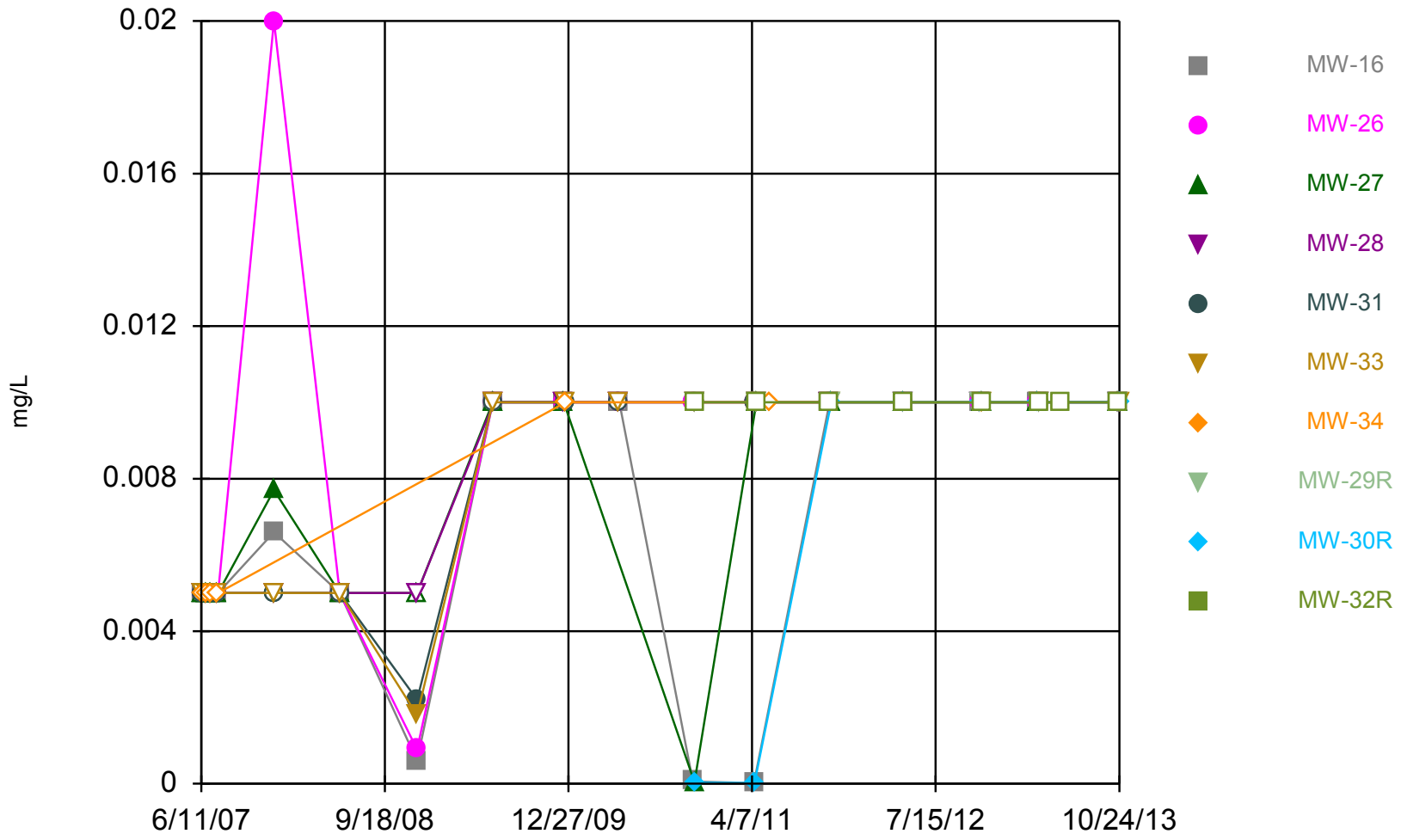


Constituent: Selenium Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

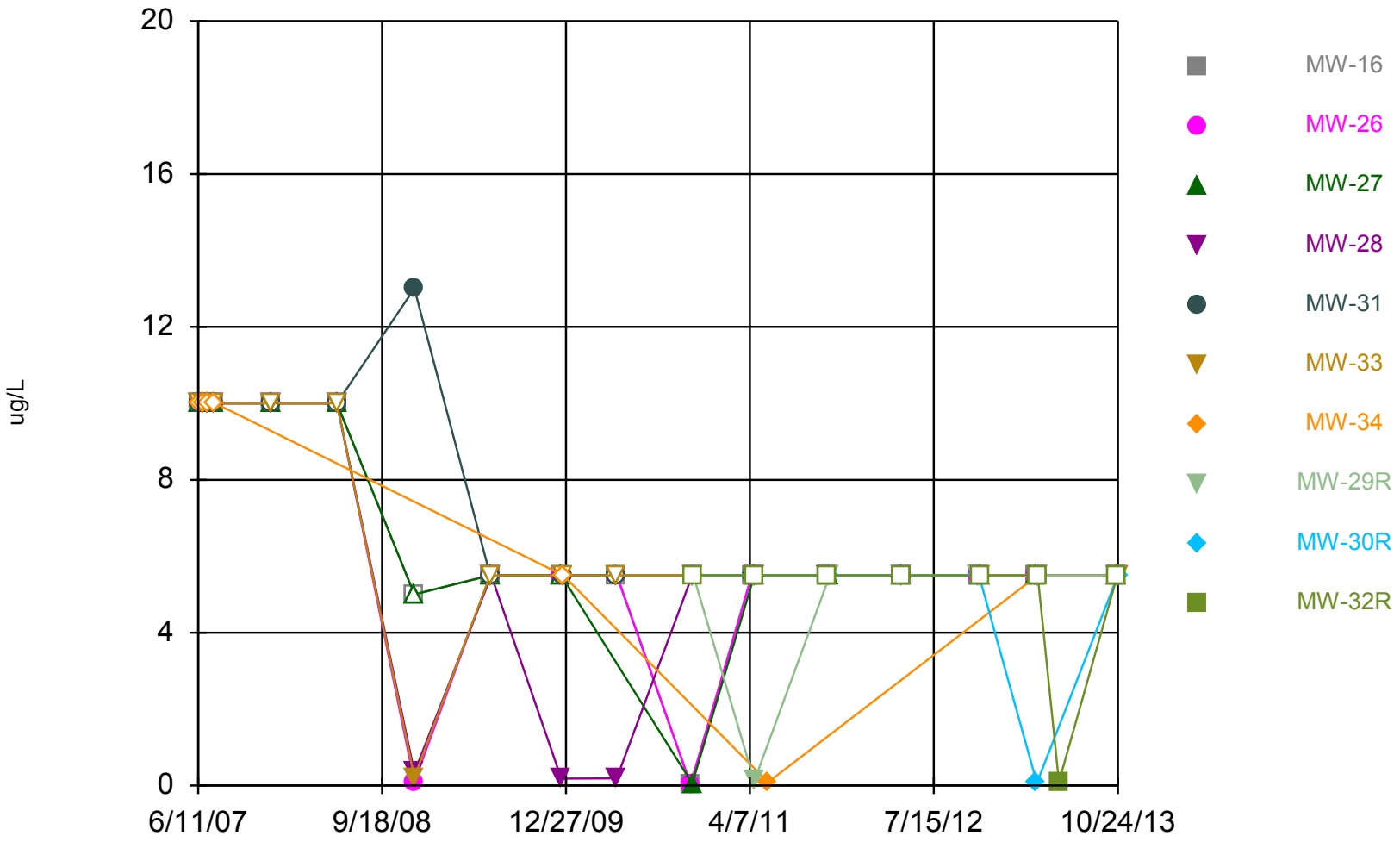


Constituent: Silver Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

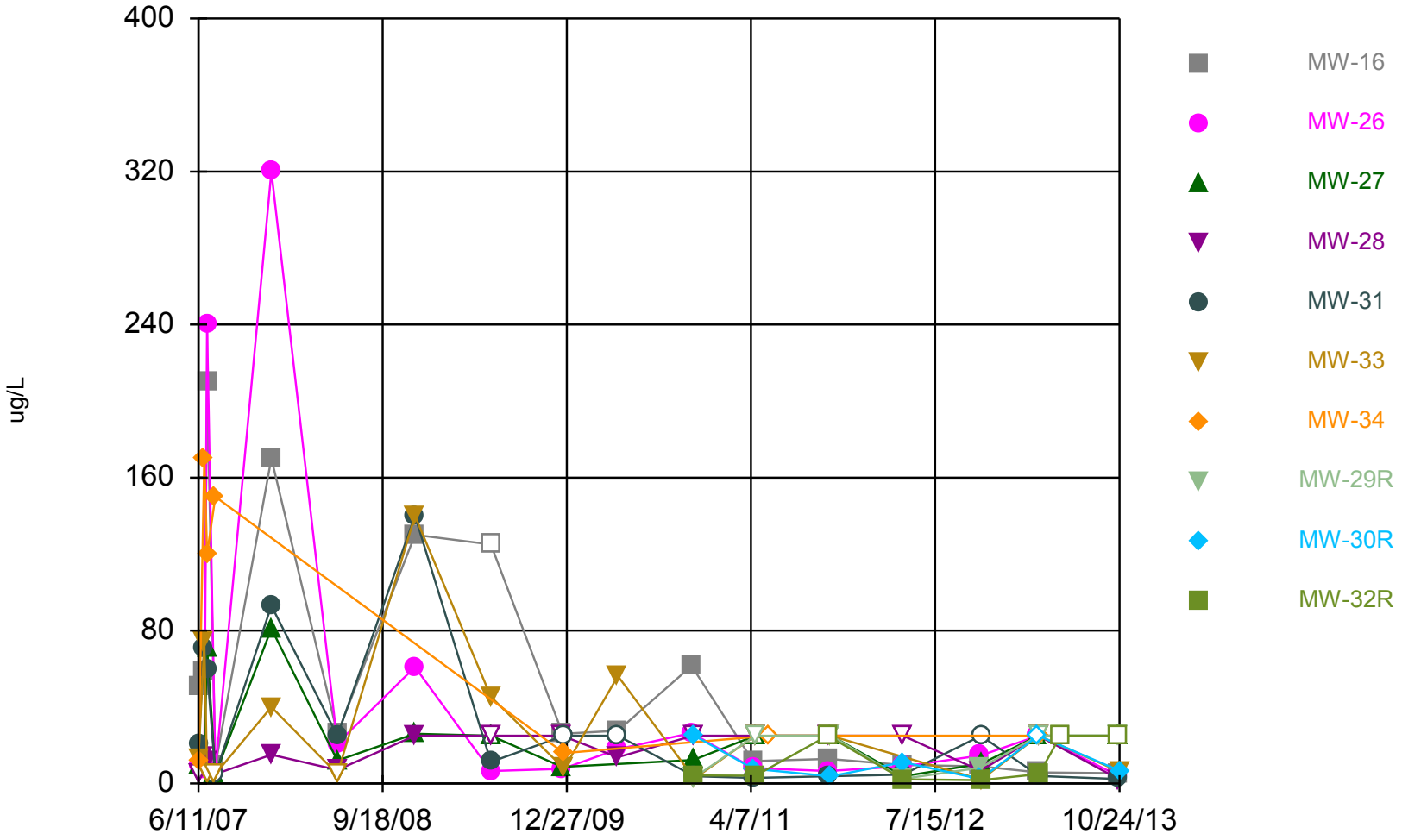


Constituent: Thallium Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

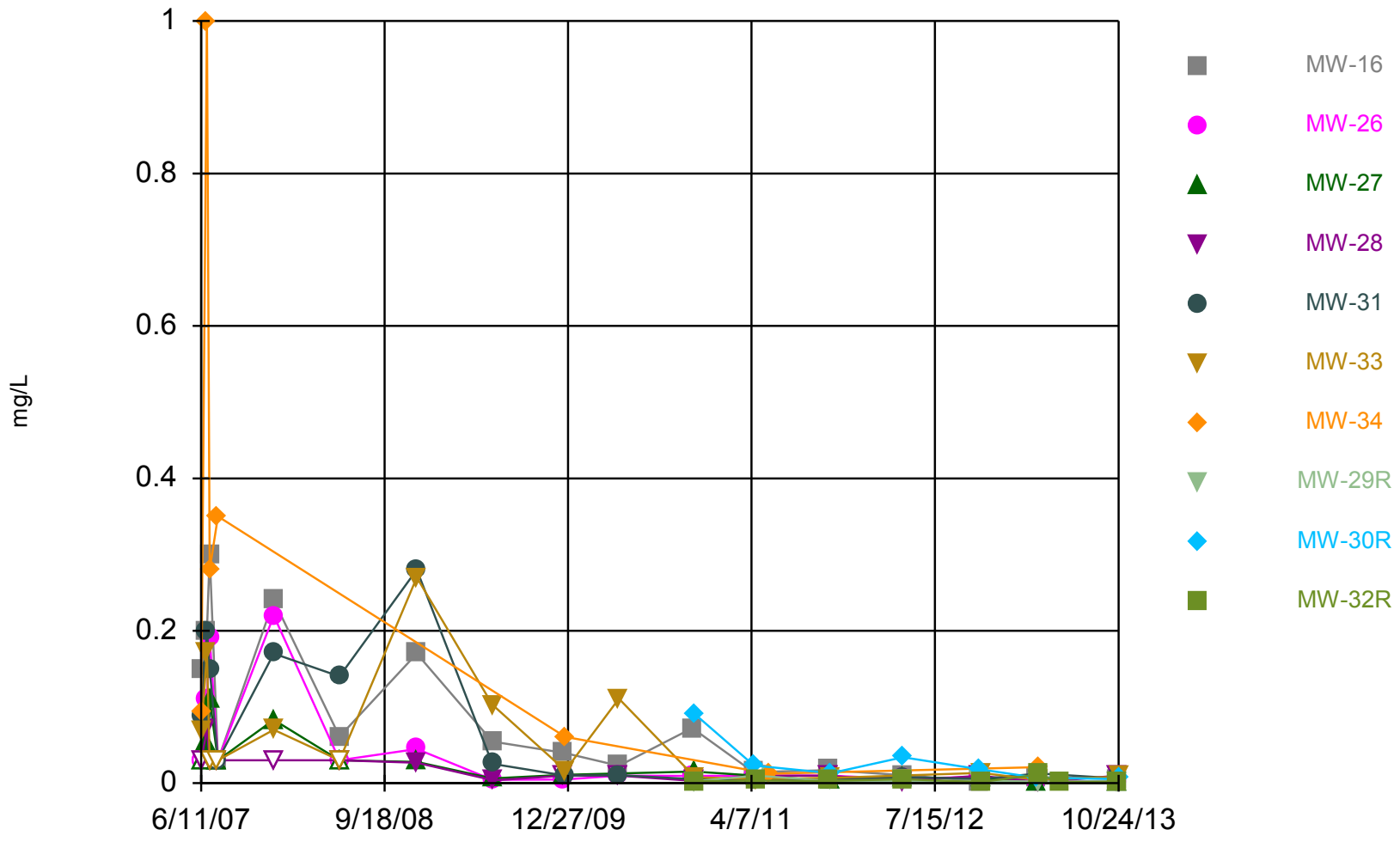


Constituent: Vanadium Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

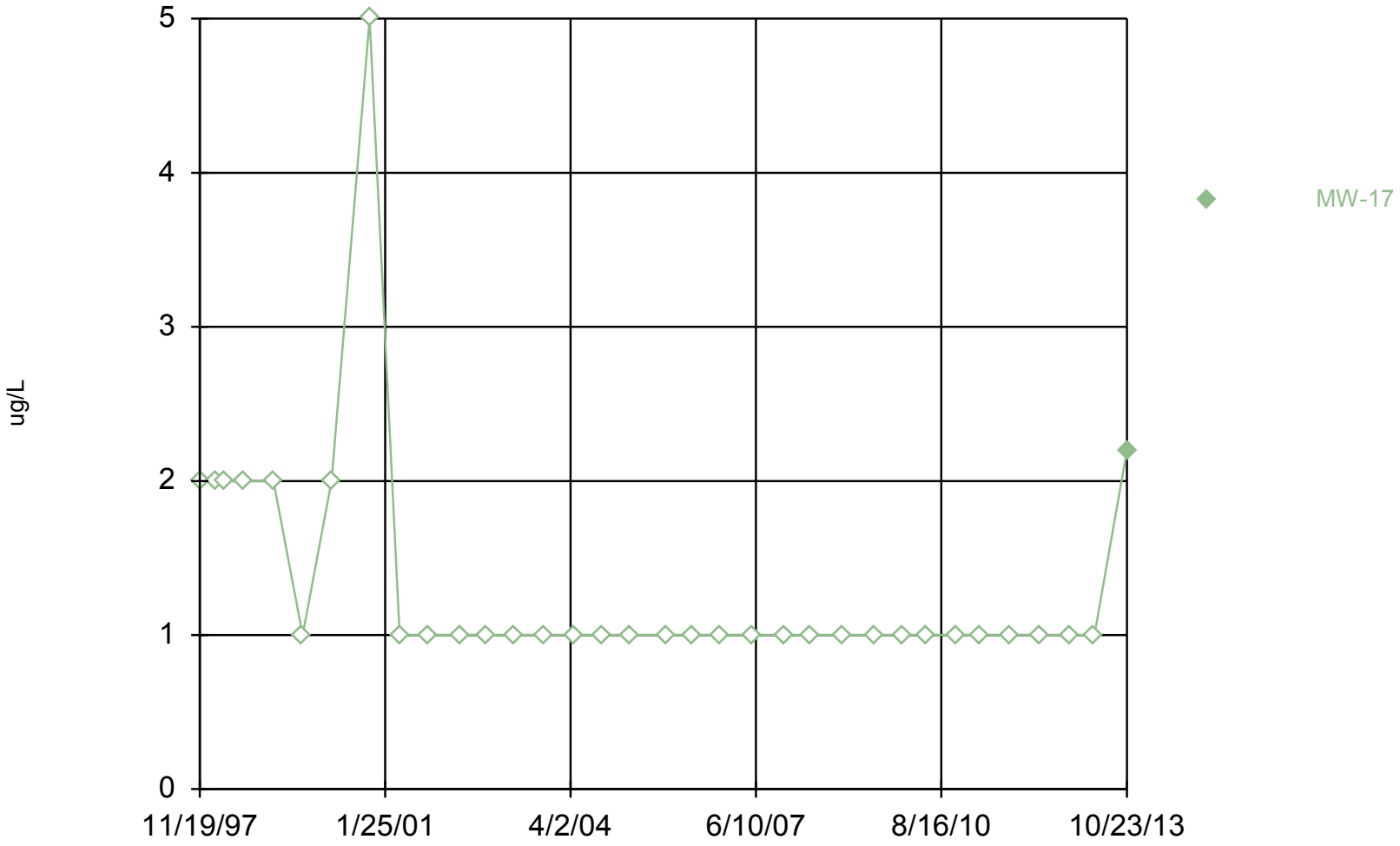


Constituent: Zinc Total Analysis Run 11/26/2013 9:32 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

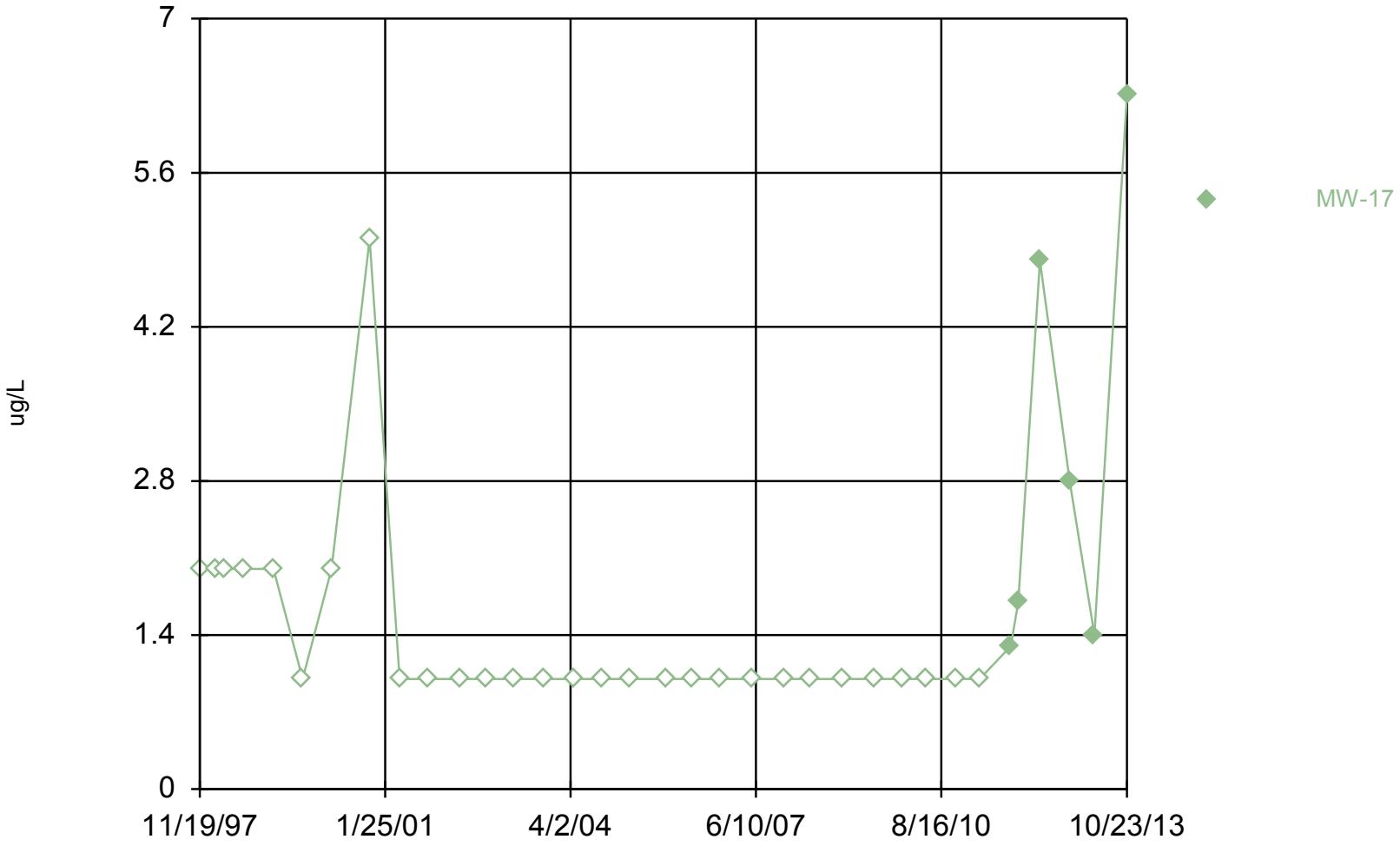


Constituent: 12-Dichloroethane Analysis Run 11/26/2013 9:35 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

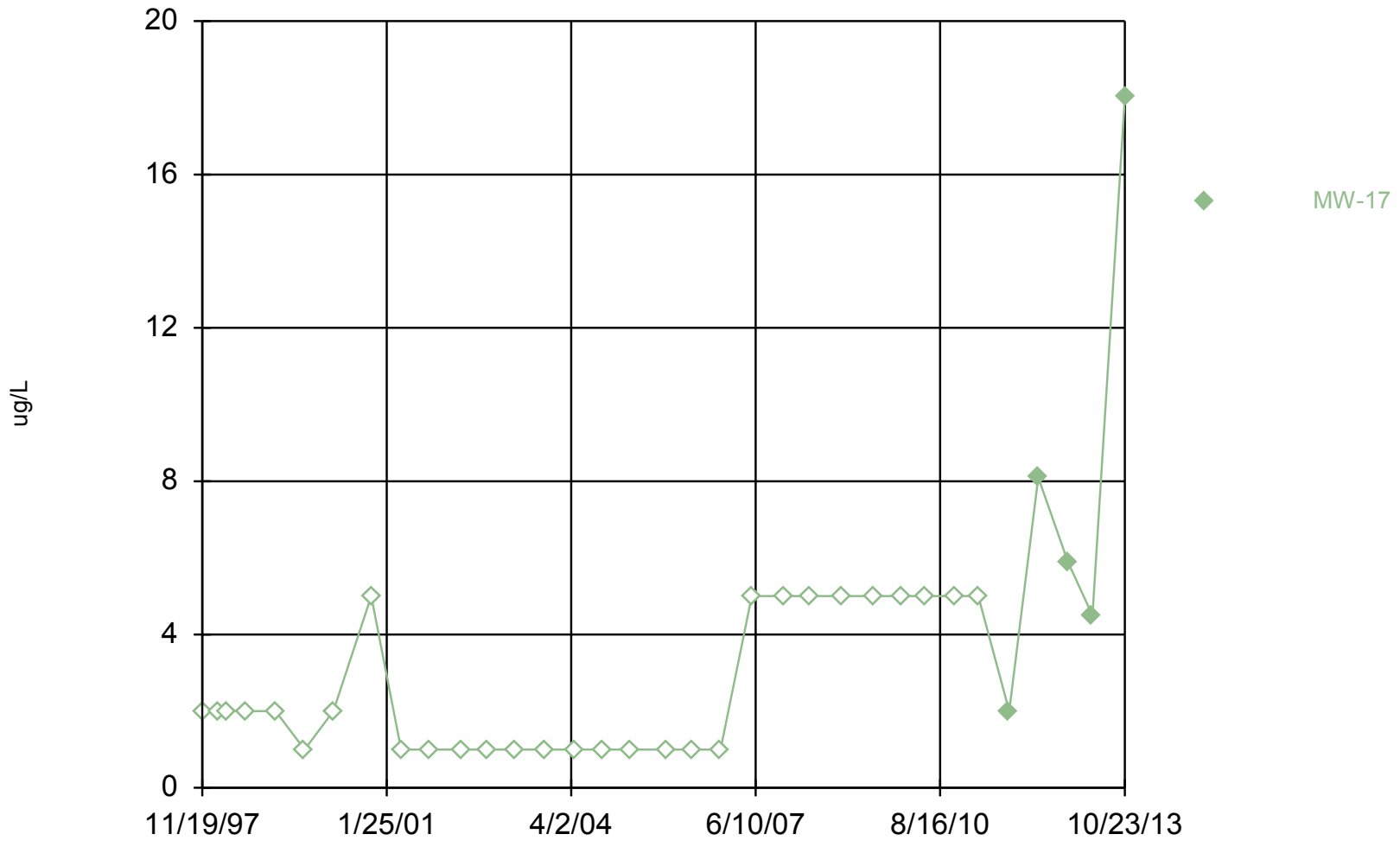


Constituent: Benzene Analysis Run 11/26/2013 9:35 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

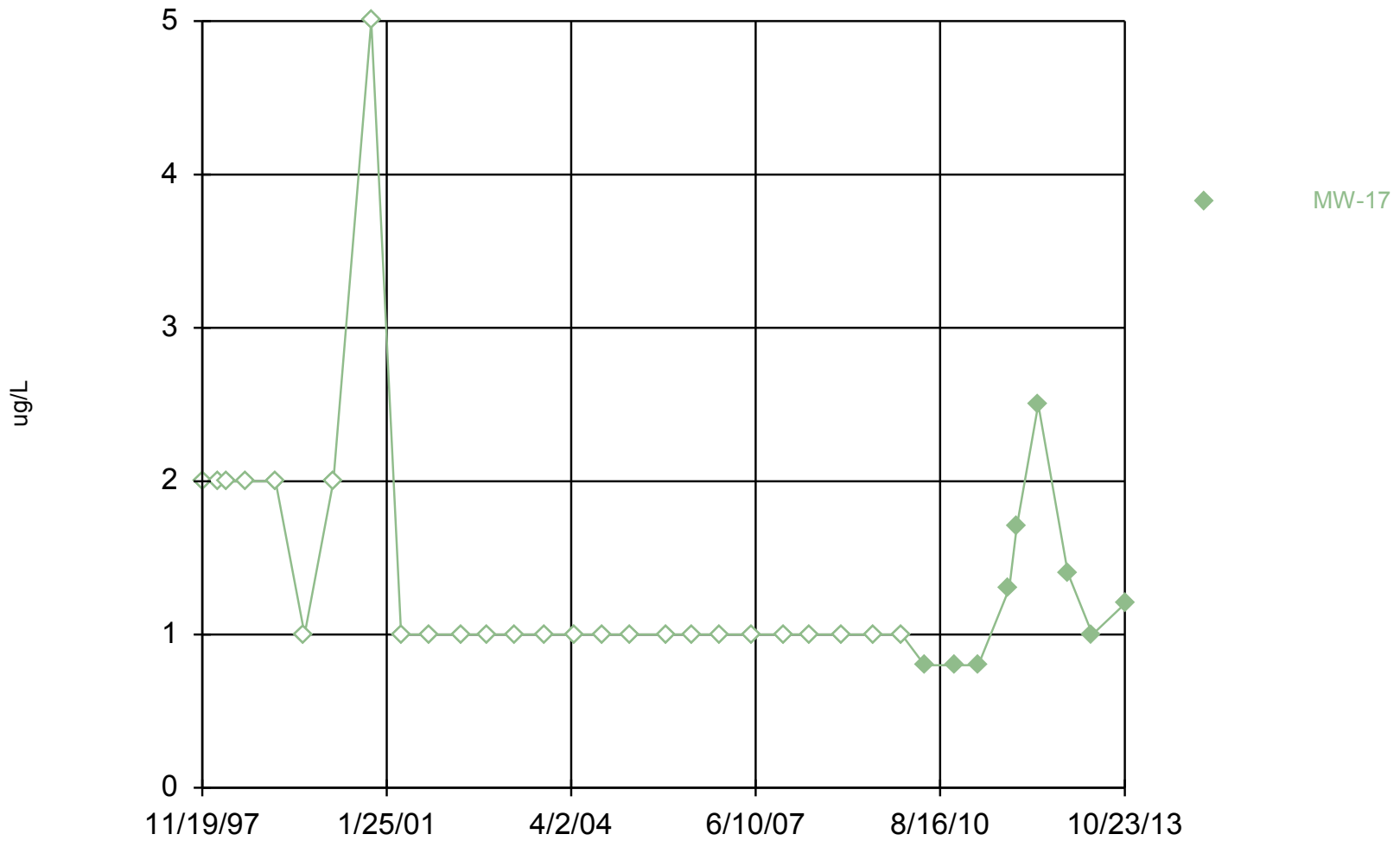


Constituent: cis-12-Dichloroethylene Analysis Run 11/26/2013 9:35 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

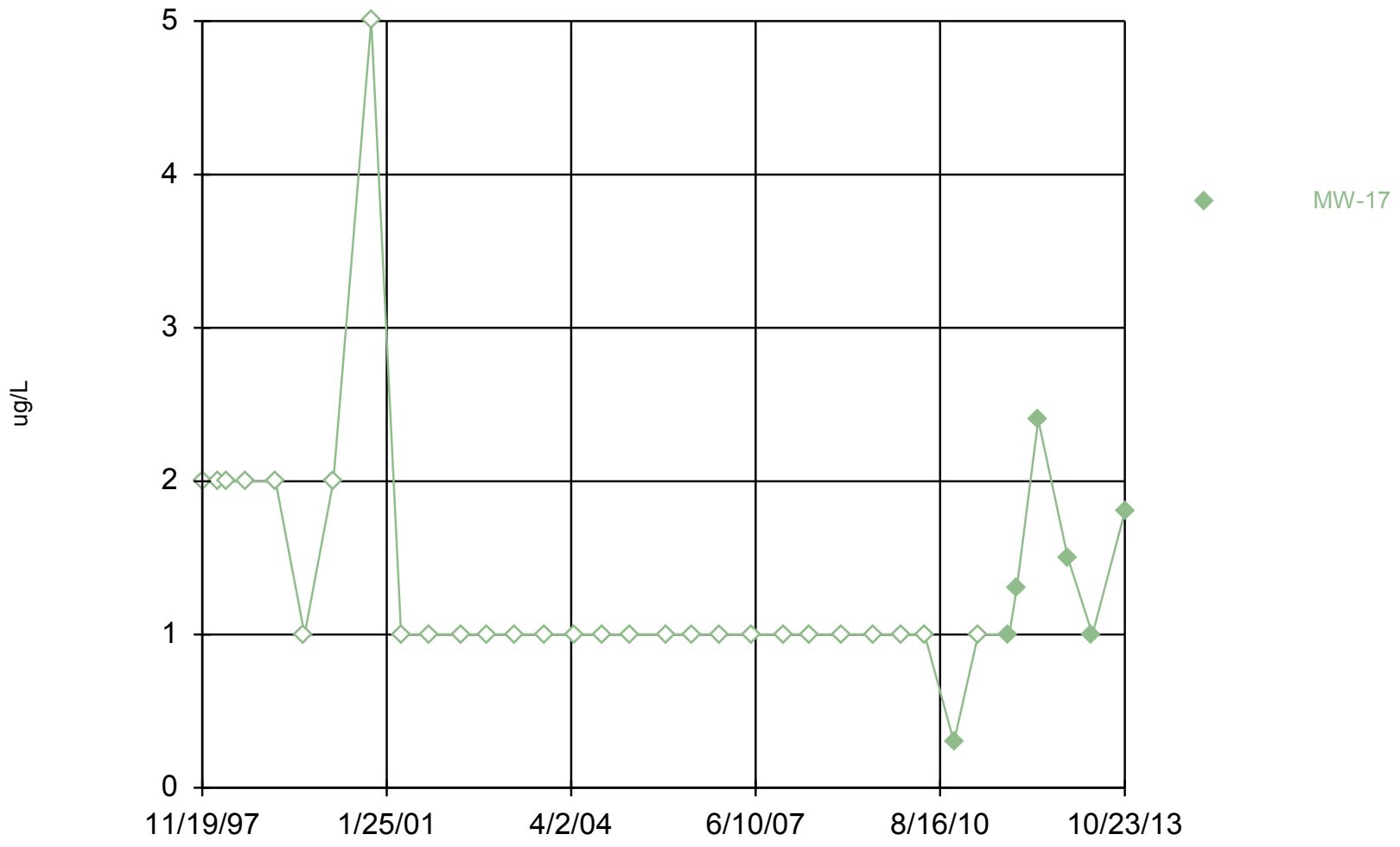


Constituent: Tetrachloroethylene Analysis Run 11/26/2013 9:35 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

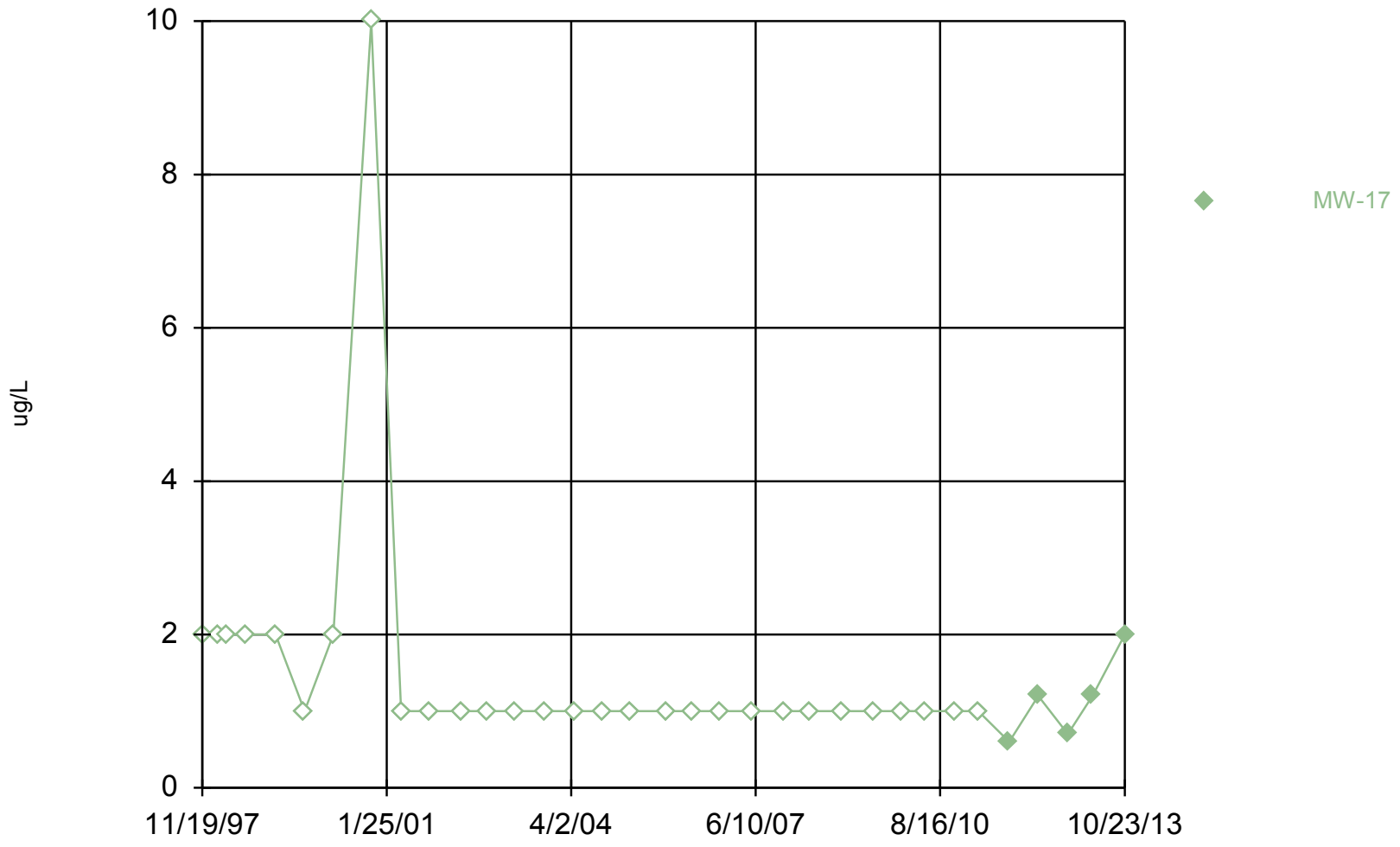


Constituent: Trichloroethylene Analysis Run 11/26/2013 9:35 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

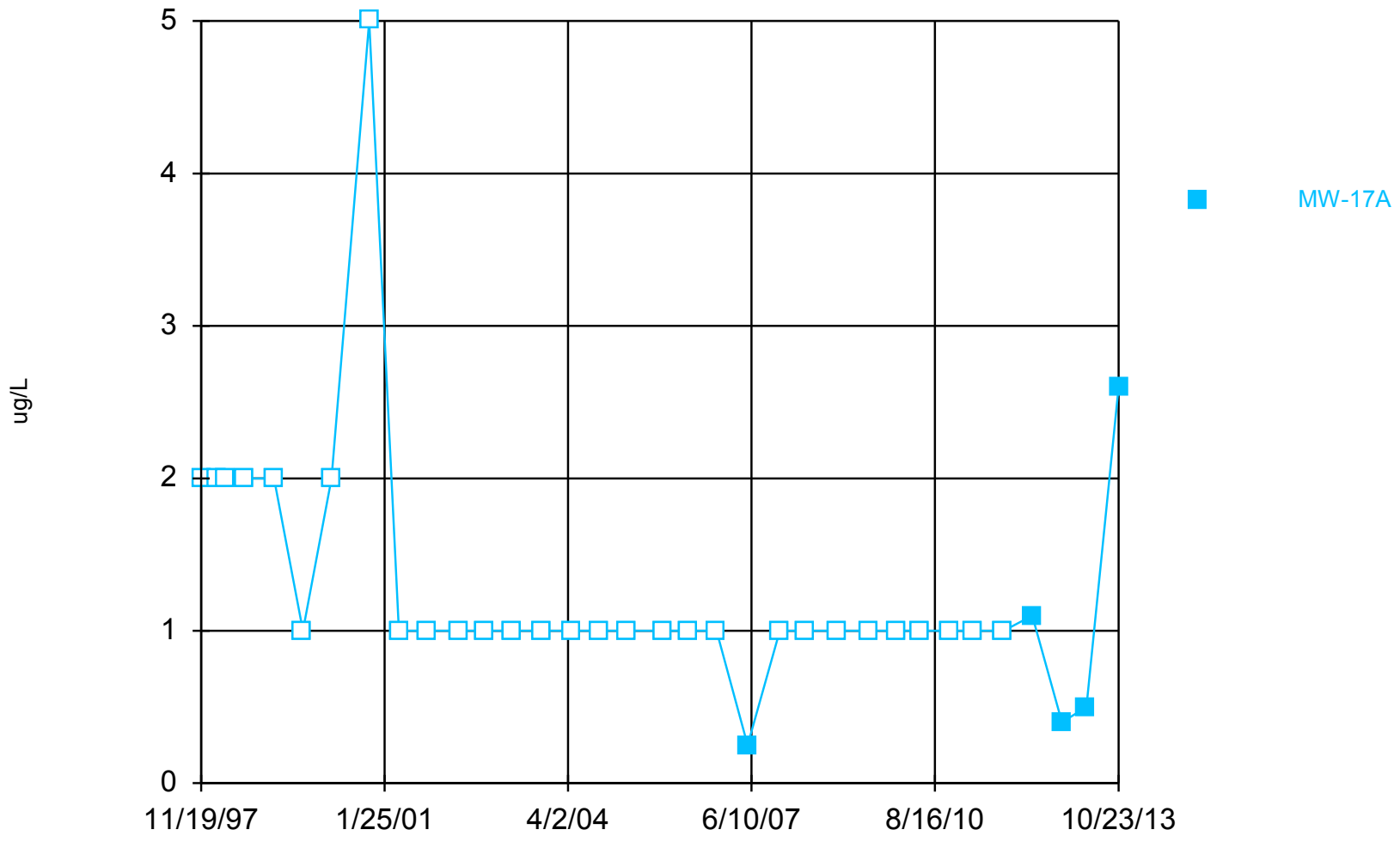


Constituent: Vinyl chloride Analysis Run 11/26/2013 9:36 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

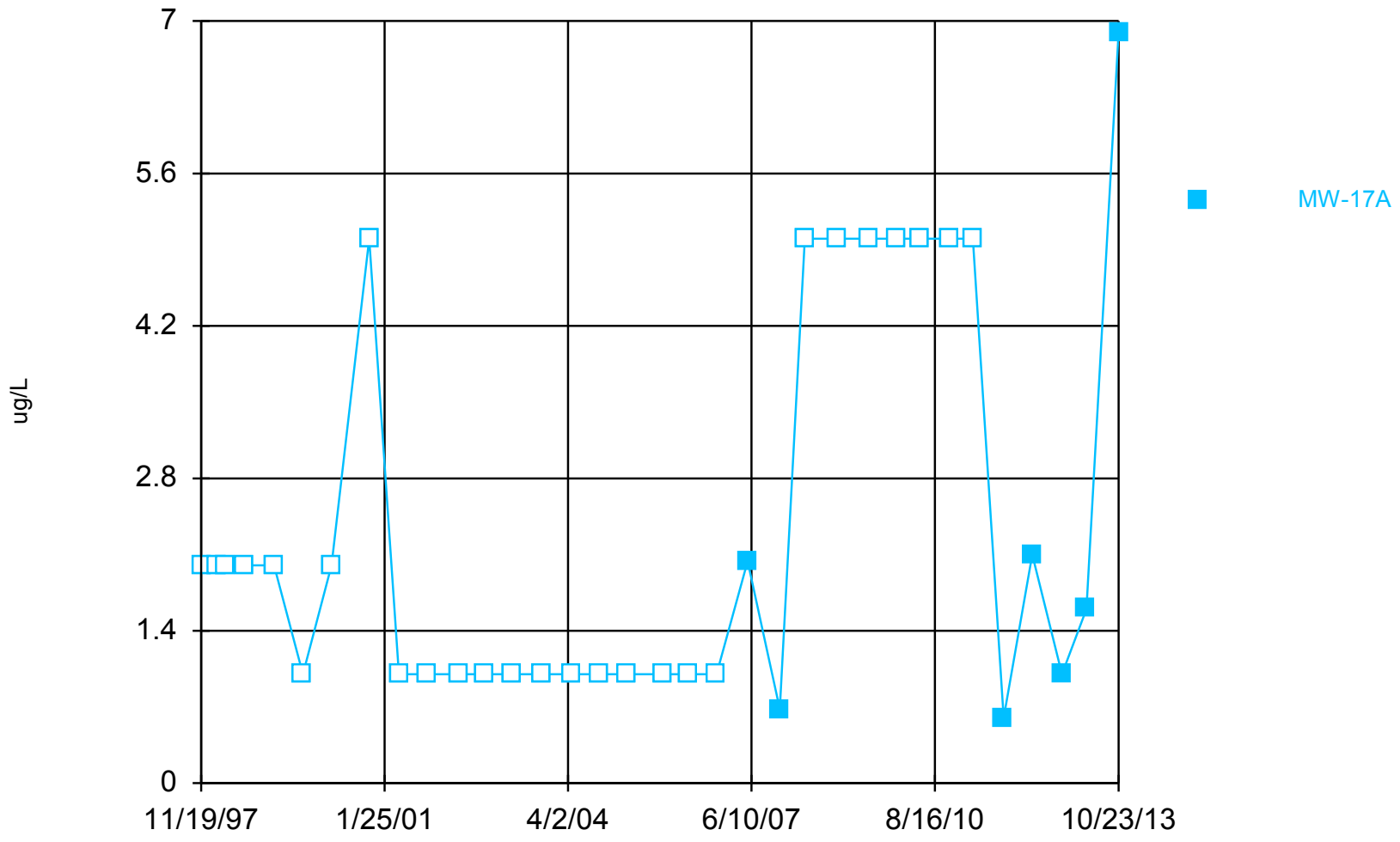


Constituent: Benzene Analysis Run 11/26/2013 9:36 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

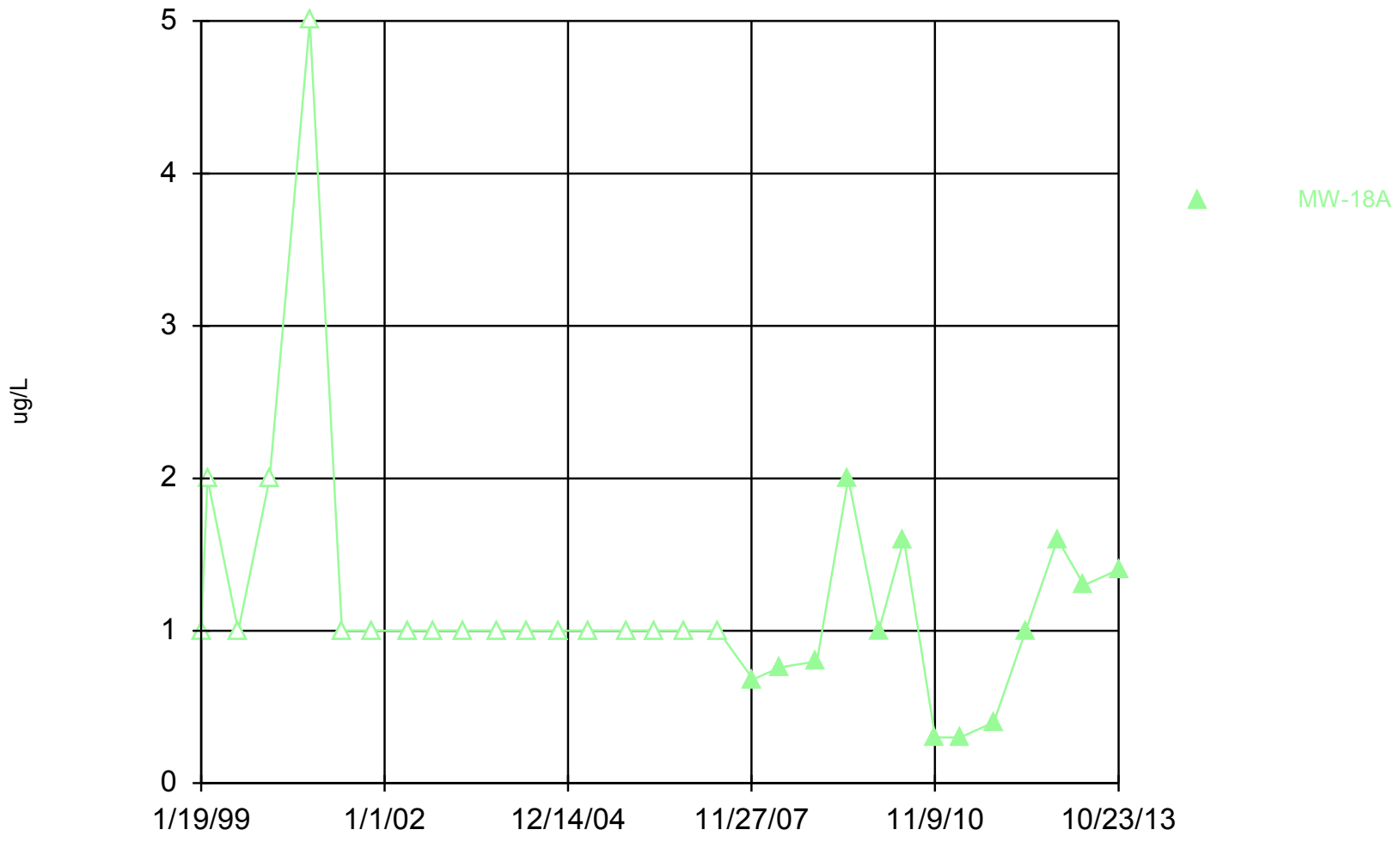


Constituent: cis-12-Dichloroethylene Analysis Run 11/26/2013 9:36 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

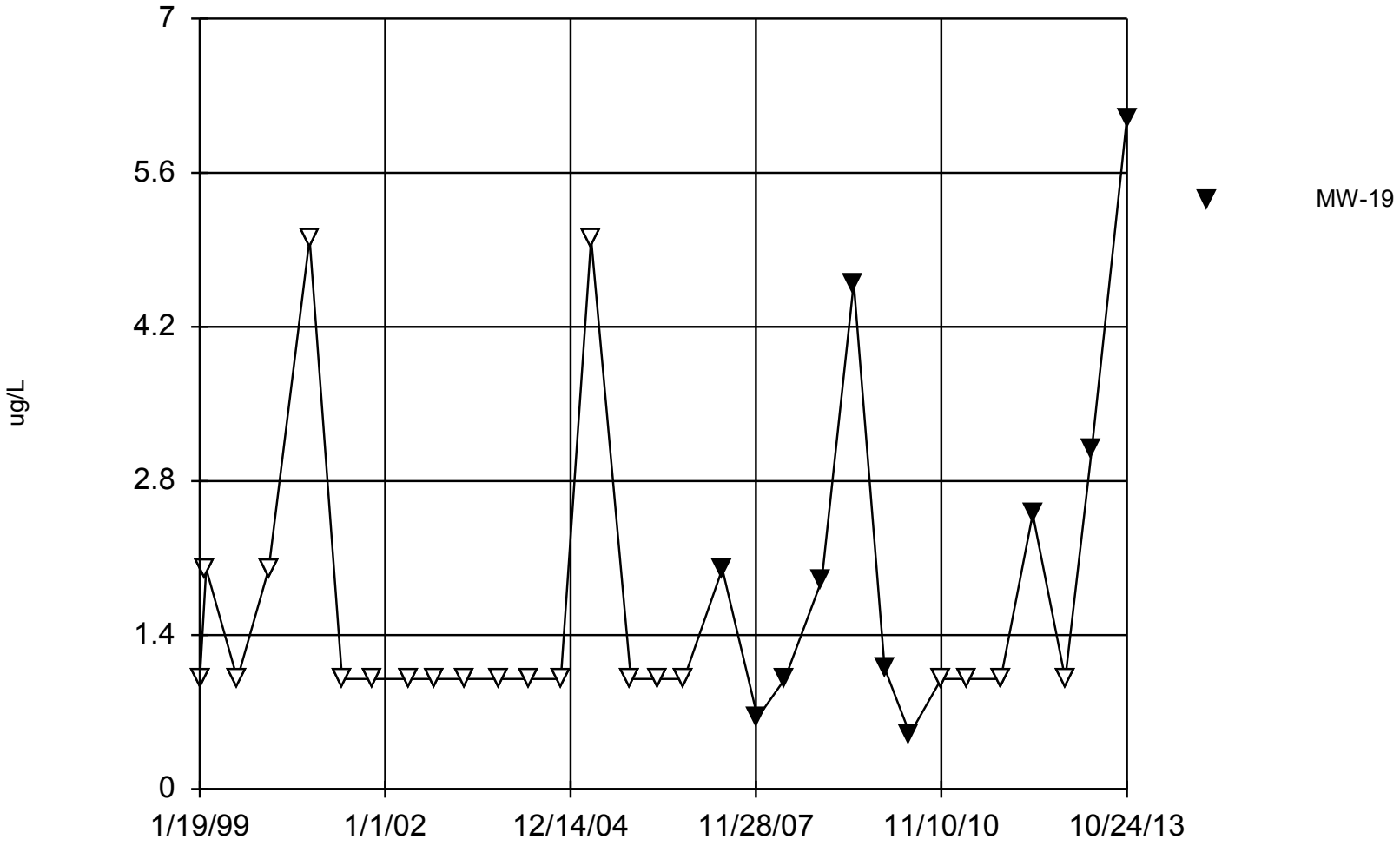


Constituent: Benzene Analysis Run 11/26/2013 9:37 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

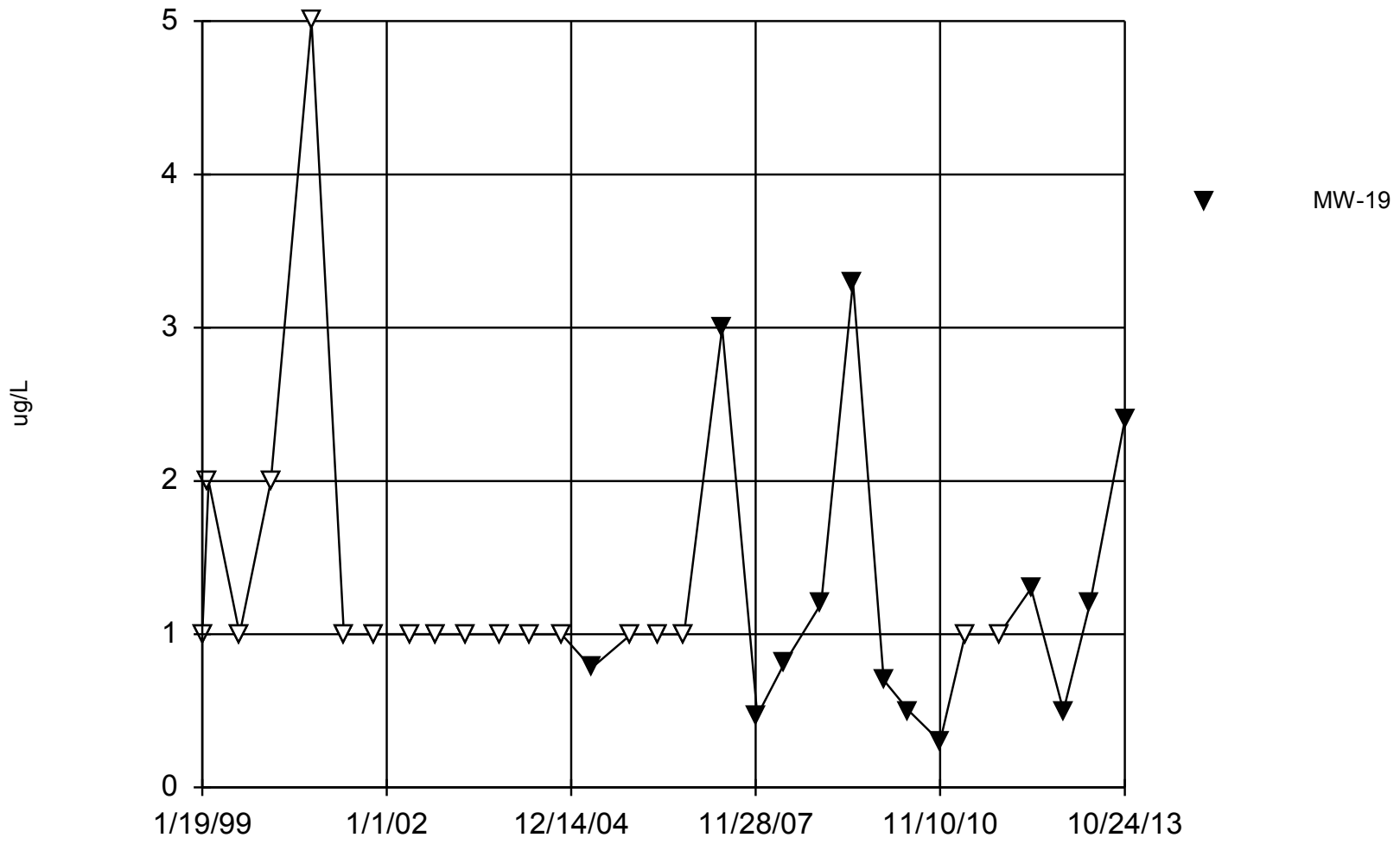


Constituent: 14-Dichlorobenzene Analysis Run 11/26/2013 9:37 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

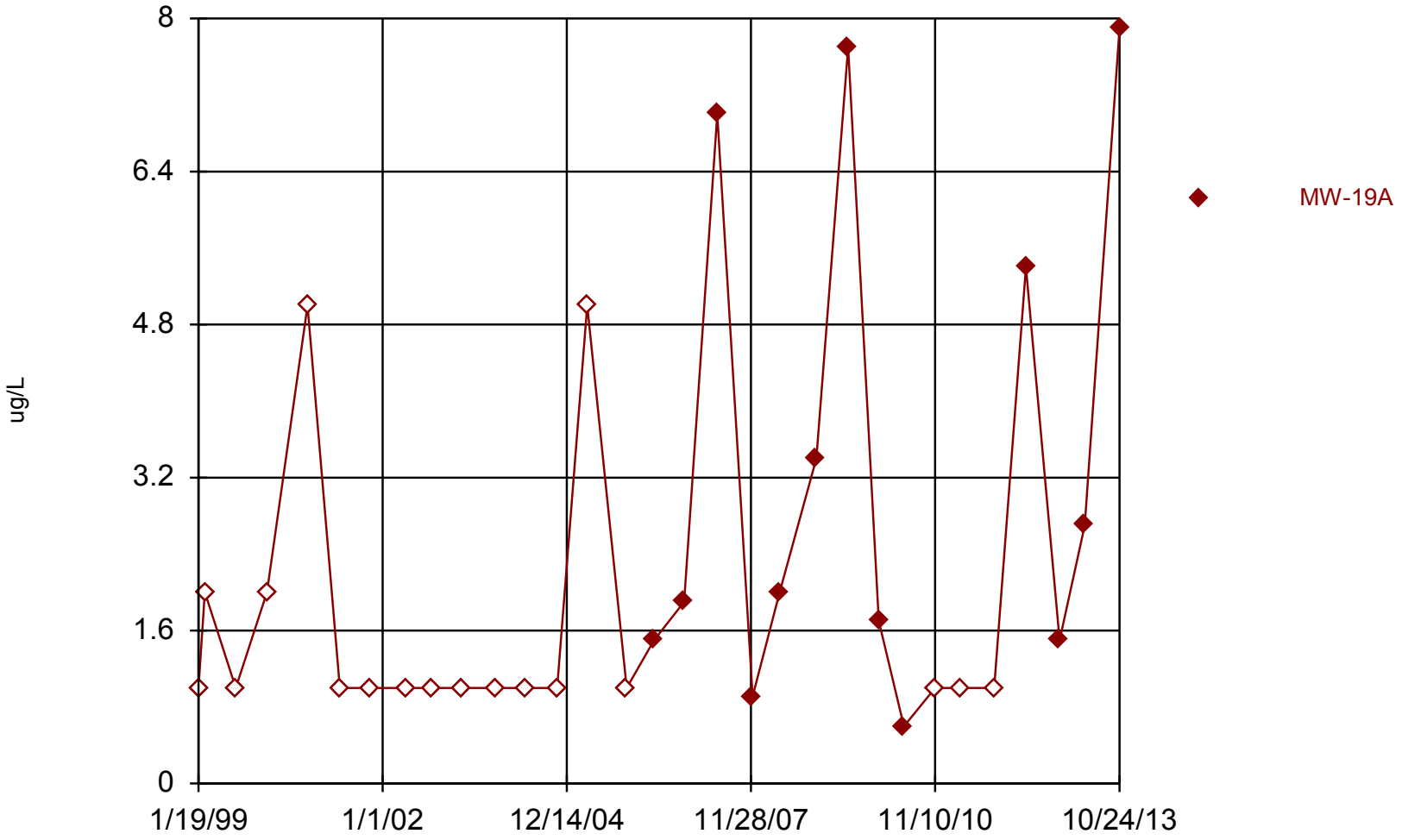


Constituent: Benzene Analysis Run 11/26/2013 9:37 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

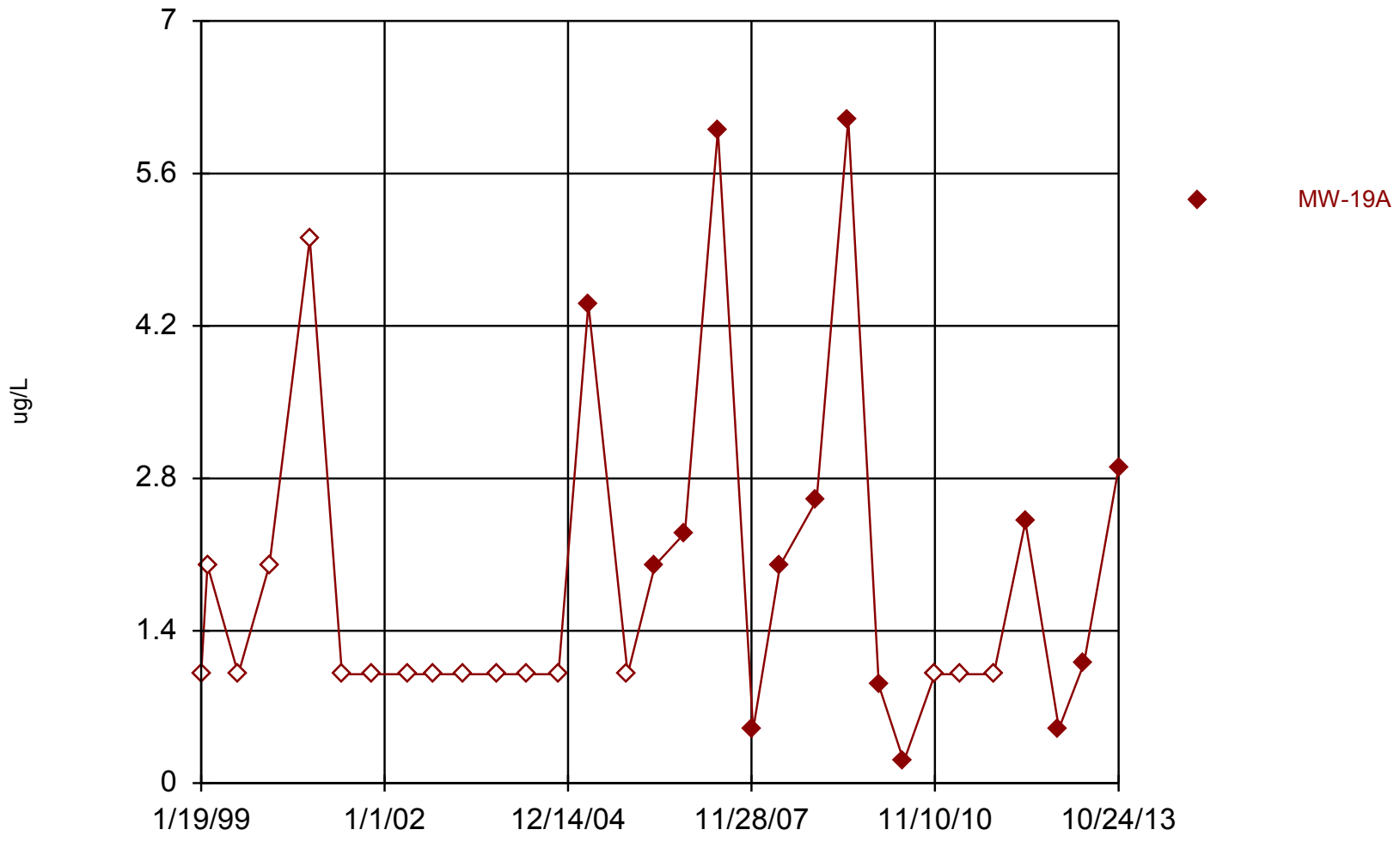


Constituent: 14-Dichlorobenzene Analysis Run 11/26/2013 9:37 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

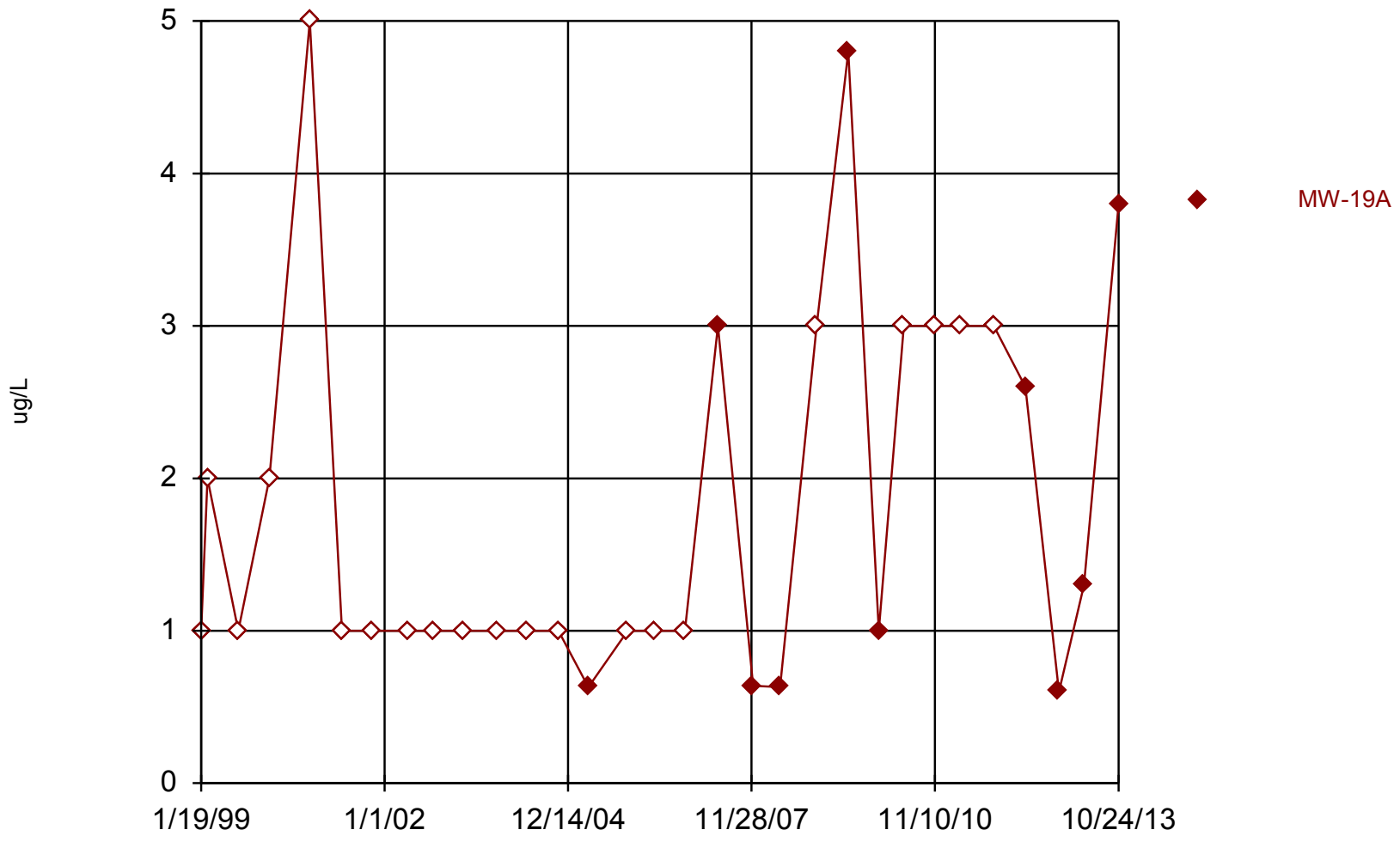


Constituent: Benzene Analysis Run 11/26/2013 9:38 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

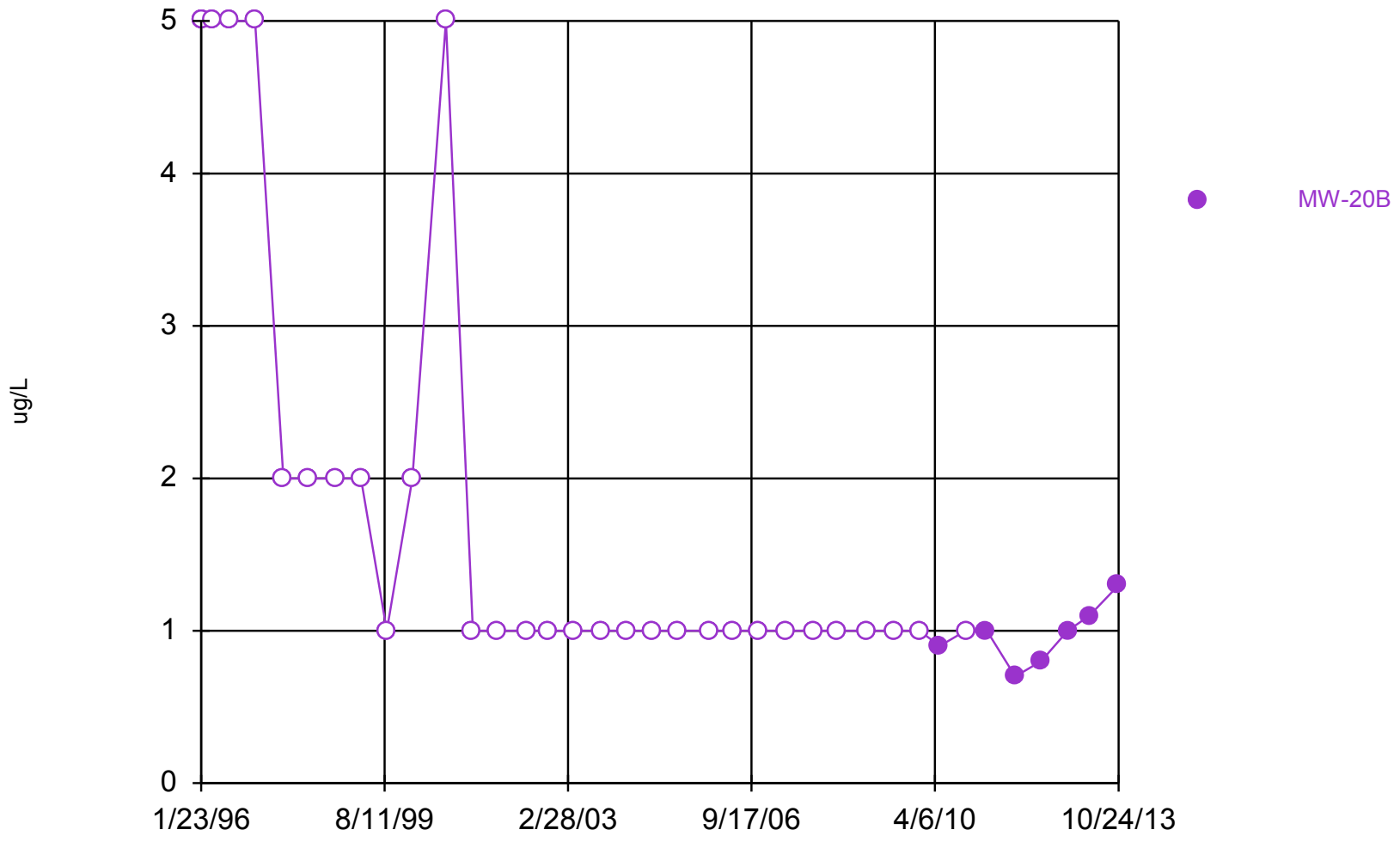


Constituent: Chlorobenzene Analysis Run 11/26/2013 9:38 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

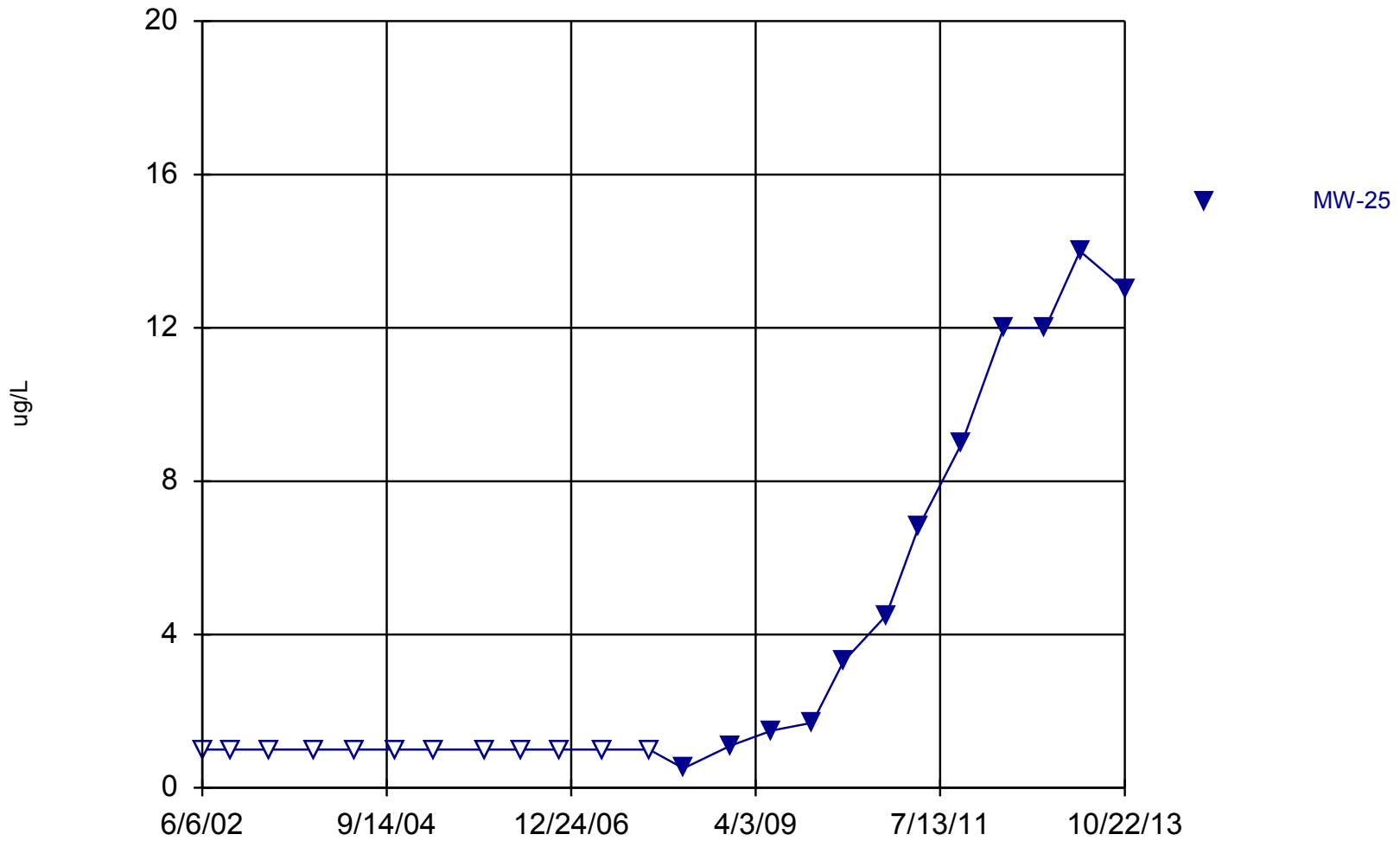


Constituent: 14-Dichlorobenzene Analysis Run 11/26/2013 9:38 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

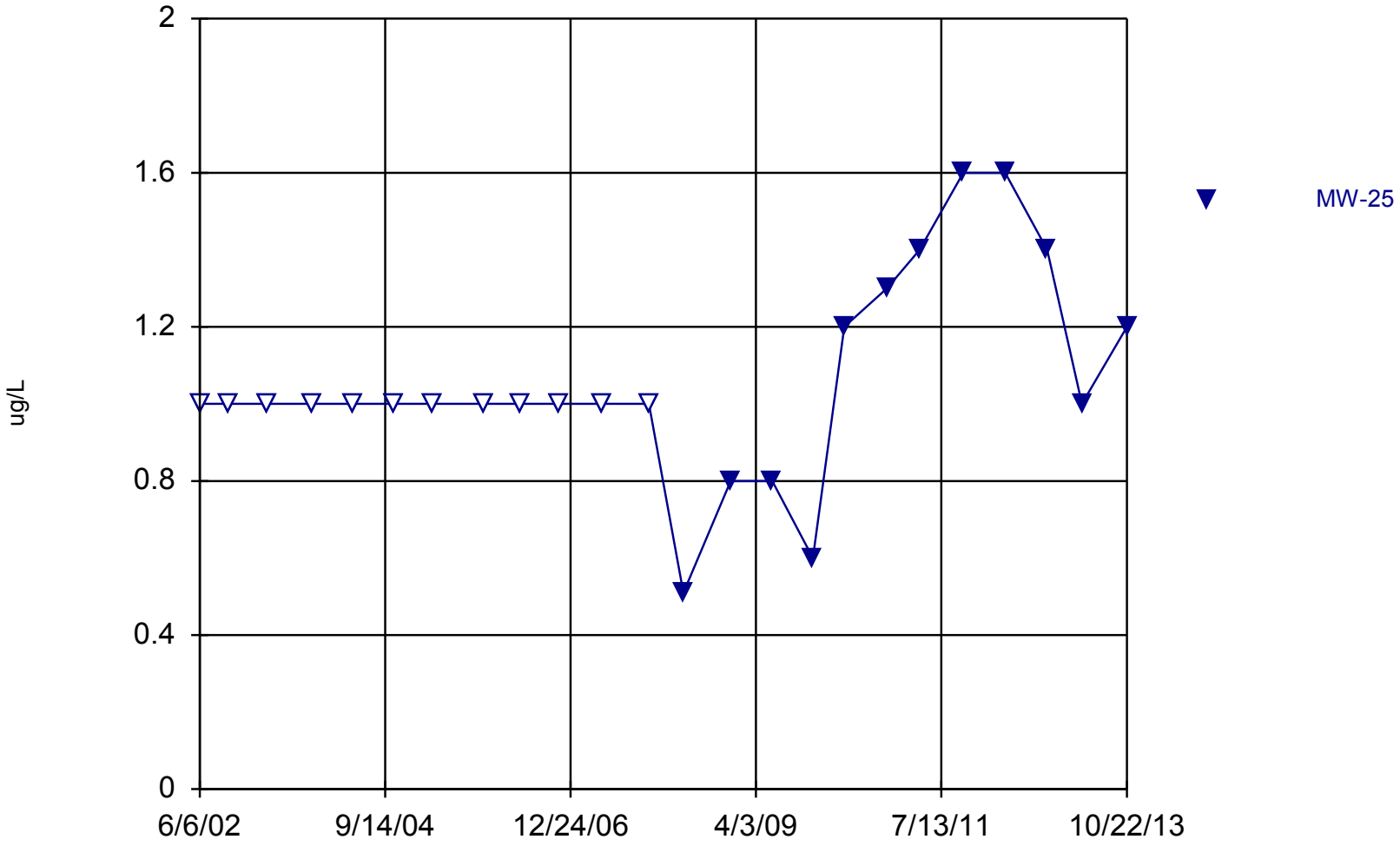


Constituent: 14-Dichlorobenzene Analysis Run 11/26/2013 9:38 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series

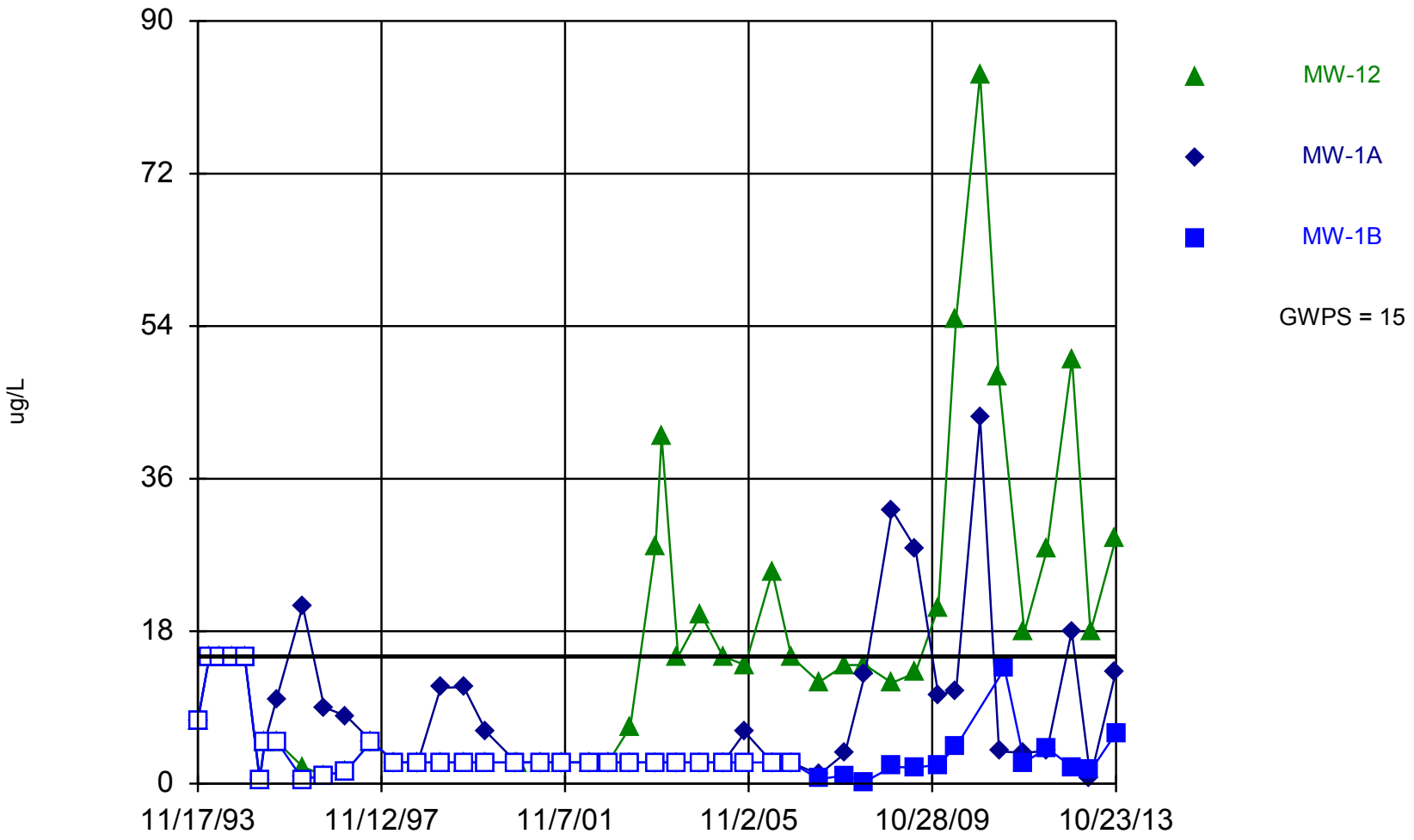


Constituent: Vinyl chloride Analysis Run 11/26/2013 9:39 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.4.28 n/a. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Cobalt Total Analysis Run 12/2/2013 8:55 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Time Series

Constituent: Cobalt Total (ug/L) Analysis Run 12/2/2013 8:55 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-12	MW-1A	MW-1B
11/17/1993	<15	<15	<15
2/18/1994	<30	<30	<30
5/11/1994	<30	<30	<30
8/24/1994	<30	<30	<30
11/23/1994	<30	<30	<30
3/22/1995	<1		
3/24/1995		<1	<1
5/2/1995	<10		<10
5/3/1995		<10	
8/3/1995	<10	10	<10
2/28/1996	2	21	<1
8/15/1996	<2	9	<2
2/5/1997			<3
2/6/1997	<3	8	
8/25/1997	<10	<10	<10
2/27/1998	<5	<5	<5
8/26/1998	<5		
8/27/1998		<5	<5
2/25/1999	<5	11.3	<5
8/26/1999		11.4	<5
8/27/1999	<5		
2/24/2000	<5	6.07	<5
10/18/2000		<5	<5
11/1/2000	<5		
4/24/2001		<5	<5
4/27/2001	<5		
10/17/2001		<5	<5
10/19/2001	<5		
5/15/2002		<5	<5
5/16/2002	<5		
10/14/2002	<5	<5	<5
4/9/2003	6.7	<5	<5
10/24/2003		<5	<5
10/25/2003	28		
12/12/2003	41		
4/20/2004		<5	<5
4/21/2004	15		
10/18/2004		<5	<5
10/20/2004	20		
4/12/2005		<5	<5
4/13/2005	15		
10/4/2005		6.1	<5
10/7/2005	14		
5/8/2006		<5	<5
5/9/2006	25		
10/4/2006		<5	<5
10/5/2006	15		
5/14/2007		1.1	0.53
5/15/2007	12		
12/5/2007	14		
12/6/2007		3.6	1
5/12/2008	14	13	0.25

Time Series

Constituent: Cobalt Total (ug/L) Analysis Run 12/2/2013 8:55 AM

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-12	MW-1A	MW-1B
12/12/2008	11.9	32.3	2.01
6/15/2009	13.1		
6/16/2009		27.8	1.9 (J)
12/14/2009	20.8	10.5	2.25 (J)
5/4/2010	54.9	11	4.41 (J)
11/10/2010	83.7	43.2	
4/8/2011	47.9		
4/11/2011		3.82 (J)	
5/23/2011			13.6
10/27/2011	17.9	3.66	2.5
4/24/2012	27.6	3.87 (J)	4.2 (J)
11/7/2012		18	1.99 (J)
11/8/2012	50.1		
4/3/2013		0.65 (J)	1.51 (J)
4/4/2013	17.9		
10/22/2013	28.9	13.2	
10/23/2013			5.99 (J)

APPENDIX C
LABORATORY ANALYTICAL REPORTS
&
FIELD INFORMATION FORMS

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Report Number: AWJ0840

Project: Charlotte Motor Speedway

Project #:CMS V

Prepared For:
Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord, NC 28027

Attention: Mr. Mike Gurley

November 25, 2013

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call. Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC).All test results relate only to the samples analyzed.

Approved:

Project Manager

This report may not be reproduced, except in full, without written approval from Analytical Services, Inc.

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1304-MW11	AWJ0840-01	Ground Water	10/22/13 08:54	10/25/13 13:10
1304-MW14	AWJ0840-02	Ground Water	10/22/13 09:20	10/25/13 13:10
1304-MW14B	AWJ0840-03	Ground Water	10/22/13 10:52	10/25/13 13:10
1304-MW16	AWJ0840-04	Ground Water	10/22/13 13:41	10/25/13 13:10
1304-MW17	AWJ0840-05	Ground Water	10/23/13 13:09	10/25/13 13:10
1304-MW17A	AWJ0840-06	Ground Water	10/23/13 14:08	10/25/13 13:10
1304-MW18A	AWJ0840-07	Ground Water	10/23/13 15:30	10/25/13 13:10
1304-MW19	AWJ0840-08	Ground Water	10/24/13 08:38	10/25/13 13:10
1304-MW19A	AWJ0840-09	Ground Water	10/24/13 10:54	10/25/13 13:10
1304-MW19AR	AWJ0840-10	Ground Water	10/24/13 13:39	10/25/13 13:10
1304-MW19R	AWJ0840-11	Ground Water	10/24/13 13:02	10/25/13 13:10
1304-MW26	AWJ0840-12	Ground Water	10/22/13 14:02	10/25/13 13:10
1304-MW27	AWJ0840-13	Ground Water	10/22/13 14:35	10/25/13 13:10
1304-MW28	AWJ0840-14	Ground Water	10/23/13 08:22	10/25/13 13:10
1304-MW29R	AWJ0840-15	Ground Water	10/23/13 09:08	10/25/13 13:10
1304-MW31	AWJ0840-16	Ground Water	10/23/13 10:00	10/25/13 13:10
1304-MW32R	AWJ0840-17	Ground Water	10/23/13 10:58	10/25/13 13:10
1304-Field Blank	AWJ0840-18	Water	10/24/13 10:50	10/25/13 13:10
1304-MW1A	AWJ0840-19	Ground Water	10/22/13 13:20	10/25/13 13:10
1304-MW1B	AWJ0840-20	Ground Water	10/23/13 08:27	10/25/13 13:10

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1304-MW2A	AWJ0840-21	Ground Water	10/22/13 10:49	10/25/13 13:10
1304-MW2B	AWJ0840-22	Ground Water	10/22/13 11:25	10/25/13 13:10
1304-MW10	AWJ0840-23	Ground Water	10/23/13 10:48	10/25/13 13:10
1304-MW10A	AWJ0840-24	Ground Water	10/23/13 13:17	10/25/13 13:10
1304-MW12	AWJ0840-25	Ground Water	10/22/13 10:02	10/25/13 13:10
1304-MW15	AWJ0840-26	Ground Water	10/22/13 09:02	10/25/13 13:10
1304-MW20AR	AWJ0840-27	Ground Water	10/23/13 15:18	10/25/13 13:10
1304-MW20B	AWJ0840-28	Ground Water	10/24/13 10:09	10/25/13 13:10
1304-MW21	AWJ0840-29	Ground Water	10/23/13 14:25	10/25/13 13:10
1304-MW21	AWJ0840-30	Ground Water	10/24/13 08:17	10/25/13 13:10
1304-MW22	AWJ0840-31	Ground Water	10/23/13 09:16	10/25/13 13:10
1304-MW22A	AWJ0840-32	Ground Water	10/23/13 10:05	10/25/13 13:10
1304-MW24	AWJ0840-33	Ground Water	10/24/13 11:10	10/25/13 13:10
1304-MW25	AWJ0840-34	Ground Water	10/22/13 14:38	10/25/13 13:10
1304-MW30R	AWJ0840-35	Ground Water	10/24/13 13:03	10/25/13 13:10
1304-MW33	AWJ0840-36	Ground Water	10/24/13 13:32	10/25/13 13:10
1304-Duplicate	AWJ0840-37	Ground Water	10/22/13 00:00	10/25/13 13:10
1304-Equipment Blank	AWJ0840-38	Water	10/25/13 13:07	10/25/13 13:10
1304-MW22	AWJ0840-39	Ground Water	10/24/13 08:02	10/25/13 13:10
1304-SW1	AWJ0840-40	Surface Water	10/24/13 14:46	10/25/13 13:10
1304-SW2	AWJ0840-41	Surface Water	10/24/13 15:22	10/25/13 13:10

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW11
Lab No: AWJ0840-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 08:54
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	470	1	1	umhos/cm		1	COND	10/22/13 08:54	10/22/13 08:54	3100716
Dissolved Oxygen	SM 4500-O G	NA	1400	0.0	1	ug/L		0.0	NA	10/22/13 08:54	10/22/13 08:54	3100716
Field - pH	EPA 9040C	NA	6.58		1	pH Units			PH	10/22/13 08:54	10/22/13 08:54	3100716
Field - Temperature	SM 2550 B	NA	19.9		1	°C			TEMP	10/22/13 08:54	10/22/13 08:54	3100716
Field - Turbidity	EPA 180.1	NA	1.43		1	NTU			TURB	10/22/13 08:54	10/22/13 08:54	3100716
Field - Water Level	NA	NA	10.30		1	feet			WL	10/22/13 08:54	10/22/13 08:54	3100716
Field - Well Depth	NA	NA	23.75		1	feet				10/22/13 08:54	10/22/13 08:54	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.34	6.00	1	ug/L	B-01, J	0.22	7440-36-0	10/29/13 09:05	10/29/13 18:37	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 18:37	3100726
Barium	EPA 6020A	EPA 3005A	21.3	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 18:37	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	10/29/13 18:37	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 18:37	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 18:37	3100726
Cobalt	EPA 6020A	EPA 3005A	0.36	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 18:37	3100726
Copper	EPA 6020A	EPA 3005A	1.16	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 18:37	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 18:37	3100726
Nickel	EPA 6020A	EPA 3005A	3.44	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 18:37	3100726
Selenium	EPA 6020A	EPA 3005A	2.41	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	10/29/13 18:37	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 18:37	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW11
Lab No: AWJ0840-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 08:54
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 18:37	3100726
Vanadium	EPA 6020A	EPA 3005A	3.63	25.0	1	ug/L	J	1.97	7440-62-2	10/29/13 09:05	10/29/13 18:37	3100726
Zinc	EPA 6020A	EPA 3005A	1.32	10.0	1	ug/L	B-01, J	0.87	7440-66-6	11/06/13 10:10	11/08/13 18:41	3110097
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/29/13 14:30	10/30/13 15:22	3100728
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 18:37	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 13:53	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 13:53	3100723
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 13:53	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 13:53	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 13:53	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 13:53	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 13:53	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 13:53	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 13:53	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 13:53	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 13:53	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 13:53	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 13:53	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 13:53	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 13:53	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW11
Lab No: AWJ0840-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 08:54
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 13:53	3100723
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 13:53	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 13:53	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 13:53	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 13:53	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 13:53	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 13:53	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 13:53	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 13:53	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 13:53	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 13:53	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 13:53	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 13:53	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 13:53	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 13:53	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 13:53	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 13:53	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 13:53	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 13:53	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 13:53	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 13:53	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW11
Lab No: AWJ0840-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 08:54
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 13:53	3100723
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 13:53	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 13:53	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 13:53	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 13:53	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 13:53	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 13:53	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 13:53	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 13:53	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 13:53	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 13:53	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 13:53	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	105 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 13:53	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	104 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 13:53	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	10/28/13 11:00	10/28/13 13:53	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 13:53	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW14
Lab No: AWJ0840-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 09:20
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	635	1	1	umhos/cm		1	COND	10/22/13 09:20	10/22/13 09:20	3100716
Dissolved Oxygen	SM 4500-O G	NA	2020	0.0	1	ug/L		0.0	NA	10/22/13 09:20	10/22/13 09:20	3100716
Field - pH	EPA 9040C	NA	6.47		1	pH Units			PH	10/22/13 09:20	10/22/13 09:20	3100716
Field - Temperature	SM 2550 B	NA	19.3		1	°C			TEMP	10/22/13 09:20	10/22/13 09:20	3100716
Field - Turbidity	EPA 180.1	NA	1.63		1	NTU			TURB	10/22/13 09:20	10/22/13 09:20	3100716
Field - Water Level	NA	NA	10.06		1	feet			WL	10/22/13 09:20	10/22/13 09:20	3100716
Field - Well Depth	NA	NA	16.85		1	feet				10/22/13 09:20	10/22/13 09:20	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 18:43	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 18:43	3100726
Barium	EPA 6020A	EPA 3005A	11.8	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 18:43	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 21:13	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 18:43	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 18:43	3100726
Cobalt	EPA 6020A	EPA 3005A	0.30	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 18:43	3100726
Copper	EPA 6020A	EPA 3005A	2.32	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 18:43	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 18:43	3100726
Nickel	EPA 6020A	EPA 3005A	20.6	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 18:43	3100726
Selenium	EPA 6020A	EPA 3005A	1.15	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	10/29/13 18:43	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 18:43	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 18:43	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW14
Lab No: AWJ0840-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 09:20
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	4.07	25.0	1	ug/L	J	1.97	7440-62-2	10/29/13 09:05	10/29/13 18:43	3100726
Zinc	EPA 6020A	EPA 3005A	6.36	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 18:43	3100726
Mercury	EPA 7470A	EPA 7470A	0.078	0.200	1	ug/L	J	0.061	7439-97-6	10/29/13 14:30	10/30/13 15:24	3100728
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 18:43	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 14:21	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 14:21	3100723
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 14:21	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 14:21	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 14:21	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 14:21	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 14:21	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 14:21	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 14:21	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 14:21	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 14:21	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 14:21	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 14:21	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 14:21	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 14:21	3100723
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 14:21	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW14
Lab No: AWJ0840-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 09:20
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 14:21	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 14:21	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 14:21	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 14:21	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 14:21	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 14:21	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 14:21	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 14:21	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 14:21	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 14:21	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 14:21	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 14:21	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 14:21	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 14:21	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 14:21	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 14:21	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 14:21	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 14:21	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 14:21	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 14:21	3100723
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 14:21	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW14
Lab No: AWJ0840-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 09:20
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 14:21	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 14:21	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 14:21	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 14:21	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 14:21	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 14:21	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 14:21	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 14:21	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 14:21	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 14:21	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 14:21	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	107 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 14:21	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	102 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 14:21	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/28/13 11:00	10/28/13 14:21	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 14:21	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW14B
Lab No: AWJ0840-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:52
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	573	1	1	umhos/cm		1	COND	10/22/13 10:52	10/22/13 10:52	3100716
Dissolved Oxygen	SM 4500-O G	NA	2360	0.0	1	ug/L		0.0	NA	10/22/13 10:52	10/22/13 10:52	3100716
Field - pH	EPA 9040C	NA	6.71		1	pH Units			PH	10/22/13 10:52	10/22/13 10:52	3100716
Field - Temperature	SM 2550 B	NA	18.4		1	°C			TEMP	10/22/13 10:52	10/22/13 10:52	3100716
Field - Turbidity	EPA 180.1	NA	1.36		1	NTU			TURB	10/22/13 10:52	10/22/13 10:52	3100716
Field - Water Level	NA	NA	10.24		1	feet			WL	10/22/13 10:52	10/22/13 10:52	3100716
Field - Well Depth	NA	NA	52.70		1	feet				10/22/13 10:52	10/22/13 10:52	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 18:49	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 18:49	3100726
Barium	EPA 6020A	EPA 3005A	5.03	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 18:49	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	10/29/13 18:49	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 18:49	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 18:49	3100726
Cobalt	EPA 6020A	EPA 3005A	0.25	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 18:49	3100726
Copper	EPA 6020A	EPA 3005A	1.30	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 18:49	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 18:49	3100726
Nickel	EPA 6020A	EPA 3005A	2.81	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 18:49	3100726
Selenium	EPA 6020A	EPA 3005A	0.87	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	10/29/13 18:49	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 18:49	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 18:49	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW14B
Lab No: AWJ0840-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:52
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	2.67	25.0	1	ug/L	J	1.97	7440-62-2	10/29/13 09:05	10/29/13 18:49	3100726
Zinc	EPA 6020A	EPA 3005A	2.86	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 18:49	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/29/13 14:30	10/30/13 15:31	3100728
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 18:49	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 14:50	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 14:50	3100723
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 14:50	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 14:50	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 14:50	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 14:50	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 14:50	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 14:50	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 14:50	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 14:50	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 14:50	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 14:50	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 14:50	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 14:50	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 14:50	3100723
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 14:50	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW14B
Lab No: AWJ0840-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:52
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 14:50	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 14:50	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 14:50	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 14:50	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 14:50	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 14:50	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 14:50	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 14:50	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 14:50	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 14:50	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 14:50	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 14:50	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 14:50	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 14:50	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 14:50	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 14:50	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 14:50	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 14:50	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 14:50	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 14:50	3100723
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 14:50	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW14B
Lab No: AWJ0840-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:52
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 14:50	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 14:50	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 14:50	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 14:50	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 14:50	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 14:50	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 14:50	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 14:50	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 14:50	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 14:50	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 14:50	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	105 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 14:50	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	104 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 14:50	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	101 %		80-120				460-00-4	10/28/13 11:00	10/28/13 14:50	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 14:50	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW16
Lab No: AWJ0840-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 13:41
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	683	1	1	umhos/cm		1	COND	10/22/13 13:41	10/22/13 13:41	3100716
Dissolved Oxygen	SM 4500-O G	NA	3240	0.0	1	ug/L		0.0	NA	10/22/13 13:41	10/22/13 13:41	3100716
Field - pH	EPA 9040C	NA	6.44		1	pH Units			PH	10/22/13 13:41	10/22/13 13:41	3100716
Field - Temperature	SM 2550 B	NA	22.4		1	°C			TEMP	10/22/13 13:41	10/22/13 13:41	3100716
Field - Turbidity	EPA 180.1	NA	5.76		1	NTU			TURB	10/22/13 13:41	10/22/13 13:41	3100716
Field - Water Level	NA	NA	14.25		1	feet			WL	10/22/13 13:41	10/22/13 13:41	3100716
Field - Well Depth	NA	NA	29.05		1	feet				10/22/13 13:41	10/22/13 13:41	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 18:54	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 18:54	3100726
Barium	EPA 6020A	EPA 3005A	43.1	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 18:54	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 21:19	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 18:54	3100726
Chromium	EPA 6020A	EPA 3005A	3.25	10.0	1	ug/L	J	0.58	7440-47-3	10/29/13 09:05	10/29/13 18:54	3100726
Cobalt	EPA 6020A	EPA 3005A	1.19	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 18:54	3100726
Copper	EPA 6020A	EPA 3005A	1.67	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 18:54	3100726
Lead	EPA 6020A	EPA 3005A	0.16	10.0	1	ug/L	J	0.05	7439-92-1	10/29/13 09:05	10/29/13 18:54	3100726
Nickel	EPA 6020A	EPA 3005A	5.94	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 18:54	3100726
Selenium	EPA 6020A	EPA 3005A	0.88	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	10/29/13 18:54	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 18:54	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW16
Lab No: AWJ0840-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 13:41
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 18:54	3100726
Vanadium	EPA 6020A	EPA 3005A	5.34	25.0	1	ug/L	J	1.97	7440-62-2	10/29/13 09:05	10/29/13 18:54	3100726
Zinc	EPA 6020A	EPA 3005A	5.54	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 18:54	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/29/13 14:30	10/30/13 15:34	3100728
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 18:54	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 15:18	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 15:18	3100723
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 15:18	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 15:18	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 15:18	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 15:18	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 15:18	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 15:18	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 15:18	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 15:18	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 15:18	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 15:18	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 15:18	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 15:18	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 15:18	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW16
Lab No: AWJ0840-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 13:41
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 15:18	3100723
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 15:18	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 15:18	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 15:18	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 15:18	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 15:18	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 15:18	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 15:18	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 15:18	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 15:18	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 15:18	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 15:18	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 15:18	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 15:18	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 15:18	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 15:18	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 15:18	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 15:18	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 15:18	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 15:18	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 15:18	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW16
Lab No: AWJ0840-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 13:41
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 15:18	3100723
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 15:18	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 15:18	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 15:18	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 15:18	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 15:18	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 15:18	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 15:18	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 15:18	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 15:18	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 15:18	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 15:18	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	106 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 15:18	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	102 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 15:18	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 11:00	10/28/13 15:18	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 15:18	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW17
Lab No: AWJ0840-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 13:09
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	415	1	1	umhos/cm		1	COND	10/23/13 13:09	10/23/13 13:09	3100716
Dissolved Oxygen	SM 4500-O G	NA	3910	0.0	1	ug/L		0.0	NA	10/23/13 13:09	10/23/13 13:09	3100716
Field - pH	EPA 9040C	NA	5.67		1	pH Units			PH	10/23/13 13:09	10/23/13 13:09	3100716
Field - Temperature	SM 2550 B	NA	18.2		1	°C			TEMP	10/23/13 13:09	10/23/13 13:09	3100716
Field - Turbidity	EPA 180.1	NA	1.02		1	NTU			TURB	10/23/13 13:09	10/23/13 13:09	3100716
Field - Water Level	NA	NA	13.22		1	feet			WL	10/23/13 13:09	10/23/13 13:09	3100716
Field - Well Depth	NA	NA	28.00		1	feet				10/23/13 13:09	10/23/13 13:09	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 19:11	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 19:11	3100726
Barium	EPA 6020A	EPA 3005A	161	100	1	ug/L		0.25	7440-39-3	10/29/13 09:05	10/29/13 19:11	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 21:25	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 19:11	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 19:11	3100726
Cobalt	EPA 6020A	EPA 3005A	1.41	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 19:11	3100726
Copper	EPA 6020A	EPA 3005A	0.73	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 19:11	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 19:11	3100726
Nickel	EPA 6020A	EPA 3005A	2.04	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 19:11	3100726
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/29/13 09:05	10/29/13 19:11	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 19:11	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 19:11	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW17
Lab No: AWJ0840-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 13:09
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 19:11	3100726
Zinc	EPA 6020A	EPA 3005A	2.98	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 19:11	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/29/13 14:30	10/30/13 15:36	3100728
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 19:11	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 15:46	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 15:46	3100723
Benzene	EPA 8260B	EPA 5030B	6.3	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 15:46	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 15:46	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 15:46	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 15:46	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 15:46	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 15:46	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 15:46	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 15:46	3100723
Chloroethane	EPA 8260B	EPA 5030B	0.9	10	1	ug/L	J	0.6	75-00-3	10/28/13 11:00	10/28/13 15:46	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 15:46	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 15:46	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 15:46	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 15:46	3100723
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 15:46	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW17
Lab No: AWJ0840-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 13:09
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 15:46	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 15:46	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 15:46	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 15:46	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	1.4	5.0	1	ug/L	J	0.4	75-34-3	10/28/13 11:00	10/28/13 15:46	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	2.2	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 15:46	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 15:46	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	18	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 15:46	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	0.6	5.0	1	ug/L	J	0.4	156-60-5	10/28/13 11:00	10/28/13 15:46	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	0.4	1.0	1	ug/L	J	0.3	78-87-5	10/28/13 11:00	10/28/13 15:46	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 15:46	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 15:46	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 15:46	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 15:46	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 15:46	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	0.6	1.0	1	ug/L	J	0.3	75-09-2	10/28/13 11:00	10/28/13 15:46	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 15:46	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 15:46	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 15:46	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 15:46	3100723
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 15:46	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW17
Lab No: AWJ0840-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 13:09
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	1.2	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 15:46	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 15:46	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 15:46	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 15:46	3100723
Trichloroethene	EPA 8260B	EPA 5030B	1.8	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 15:46	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 15:46	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 15:46	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 15:46	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	2.0	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 15:46	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 15:46	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 15:46	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 15:46	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	103 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 15:46	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/28/13 11:00	10/28/13 15:46	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	0.7	5.0	1	ug/L	J	0.4	75-71-8	10/28/13 11:00	10/28/13 15:46	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW17A
Lab No: AWJ0840-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 14:08
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	518	1	1	umhos/cm		1	COND	10/23/13 14:08	10/23/13 14:08	3100716
Dissolved Oxygen	SM 4500-O G	NA	4100	0.0	1	ug/L		0.0	NA	10/23/13 14:08	10/23/13 14:08	3100716
Field - pH	EPA 9040C	NA	6.09		1	pH Units			PH	10/23/13 14:08	10/23/13 14:08	3100716
Field - Temperature	SM 2550 B	NA	18.0		1	°C			TEMP	10/23/13 14:08	10/23/13 14:08	3100716
Field - Turbidity	EPA 180.1	NA	1.01		1	NTU			TURB	10/23/13 14:08	10/23/13 14:08	3100716
Field - Water Level	NA	NA	12.84		1	feet			WL	10/23/13 14:08	10/23/13 14:08	3100716
Field - Well Depth	NA	NA	40.00		1	feet				10/23/13 14:08	10/23/13 14:08	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 19:17	3100726
Arsenic	EPA 6020A	EPA 3005A	0.83	10.0	1	ug/L	J	0.78	7440-38-2	10/29/13 09:05	10/29/13 19:17	3100726
Barium	EPA 6020A	EPA 3005A	177	100	1	ug/L		0.25	7440-39-3	10/29/13 09:05	10/29/13 19:17	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 21:31	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 19:17	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 19:17	3100726
Cobalt	EPA 6020A	EPA 3005A	0.22	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 19:17	3100726
Copper	EPA 6020A	EPA 3005A	0.72	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 19:17	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 19:17	3100726
Nickel	EPA 6020A	EPA 3005A	2.75	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 19:17	3100726
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/29/13 09:05	10/29/13 19:17	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 19:17	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 19:17	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW17A
Lab No: AWJ0840-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 14:08
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 19:17	3100726
Zinc	EPA 6020A	EPA 3005A	5.87	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 19:17	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/29/13 14:30	10/30/13 15:38	3100728
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 19:17	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 16:15	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 16:15	3100723
Benzene	EPA 8260B	EPA 5030B	2.6	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 16:15	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 16:15	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 16:15	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 16:15	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 16:15	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 16:15	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 16:15	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 16:15	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 16:15	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 16:15	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 16:15	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 16:15	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 16:15	3100723
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 16:15	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW17A
Lab No: AWJ0840-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 14:08
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 16:15	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 16:15	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 16:15	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 16:15	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.8	5.0	1	ug/L	J	0.4	75-34-3	10/28/13 11:00	10/28/13 16:15	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	1.0	1.0	1	ug/L	J	0.2	107-06-2	10/28/13 11:00	10/28/13 16:15	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 16:15	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	6.9	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 16:15	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 16:15	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 16:15	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 16:15	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 16:15	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 16:15	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 16:15	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 16:15	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 16:15	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 16:15	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 16:15	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 16:15	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 16:15	3100723
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 16:15	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW17A
Lab No: AWJ0840-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 14:08
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	0.7	1.0	1	ug/L	J	0.4	127-18-4	10/28/13 11:00	10/28/13 16:15	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 16:15	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 16:15	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 16:15	3100723
Trichloroethene	EPA 8260B	EPA 5030B	0.7	1.0	1	ug/L	J	0.3	79-01-6	10/28/13 11:00	10/28/13 16:15	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 16:15	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 16:15	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 16:15	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	0.7	1.0	1	ug/L	J	0.2	75-01-4	10/28/13 11:00	10/28/13 16:15	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 16:15	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 16:15	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	106 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 16:15	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	103 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 16:15	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	10/28/13 11:00	10/28/13 16:15	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	0.5	5.0	1	ug/L	J	0.4	75-71-8	10/28/13 11:00	10/28/13 16:15	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW18A
Lab No: AWJ0840-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 15:30
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	1450	1	1	umhos/cm		1	COND	10/23/13 15:30	10/23/13 15:30	3100716
Dissolved Oxygen	SM 4500-O G	NA	1170	0.0	1	ug/L		0.0	NA	10/23/13 15:30	10/23/13 15:30	3100716
Field - pH	EPA 9040C	NA	5.42		1	pH Units			PH	10/23/13 15:30	10/23/13 15:30	3100716
Field - Temperature	SM 2550 B	NA	21.9		1	°C			TEMP	10/23/13 15:30	10/23/13 15:30	3100716
Field - Turbidity	EPA 180.1	NA	3.77		1	NTU			TURB	10/23/13 15:30	10/23/13 15:30	3100716
Field - Water Level	NA	NA	13.86		1	feet			WL	10/23/13 15:30	10/23/13 15:30	3100716
Field - Well Depth	NA	NA	28.00		1	feet				10/23/13 15:30	10/23/13 15:30	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 19:23	3100726
Arsenic	EPA 6020A	EPA 3005A	3.43	10.0	1	ug/L	J	0.78	7440-38-2	10/29/13 09:05	10/29/13 19:23	3100726
Barium	EPA 6020A	EPA 3005A	463	100	1	ug/L		0.25	7440-39-3	10/29/13 09:05	10/29/13 19:23	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 21:37	3100726
Cadmium	EPA 6020A	EPA 3005A	0.17	1.00	1	ug/L	J	0.06	7440-43-9	10/29/13 09:05	10/29/13 19:23	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 19:23	3100726
Cobalt	EPA 6020A	EPA 3005A	33.7	10.0	1	ug/L		0.12	7440-48-4	10/29/13 09:05	10/29/13 19:23	3100726
Copper	EPA 6020A	EPA 3005A	5.52	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 19:23	3100726
Lead	EPA 6020A	EPA 3005A	0.15	10.0	1	ug/L	J	0.05	7439-92-1	10/29/13 09:05	10/29/13 19:23	3100726
Nickel	EPA 6020A	EPA 3005A	14.1	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 19:23	3100726
Selenium	EPA 6020A	EPA 3005A	9.40	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	10/29/13 19:23	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 19:23	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW18A
Lab No: AWJ0840-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 15:30
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 19:23	3100726
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 19:23	3100726
Zinc	EPA 6020A	EPA 3005A	62.8	10.0	1	ug/L	B-01	0.87	7440-66-6	10/29/13 09:05	10/29/13 19:23	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/29/13 14:30	10/30/13 15:41	3100728
Tin	EPA 6020A	EPA 3005A	0.4	100	1	ug/L	J	0.4	7440-31-5	10/29/13 09:05	10/29/13 19:23	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	2.0	100	1	ug/L	J	1.6	67-64-1	10/28/13 11:00	10/28/13 16:43	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 16:43	3100723
Benzene	EPA 8260B	EPA 5030B	1.4	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 16:43	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 16:43	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 16:43	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 16:43	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 16:43	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	6.0	100	1	ug/L	J	1.2	75-15-0	10/28/13 11:00	10/28/13 16:43	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 16:43	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	0.8	3.0	1	ug/L	J	0.3	108-90-7	10/28/13 11:00	10/28/13 16:43	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 16:43	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 16:43	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 16:43	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 16:43	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 16:43	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW18A
Lab No: AWJ0840-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 15:30
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 16:43	3100723
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 16:43	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 16:43	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 16:43	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 16:43	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.6	5.0	1	ug/L	J	0.4	75-34-3	10/28/13 11:00	10/28/13 16:43	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 16:43	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 16:43	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	1.7	5.0	1	ug/L	J	0.4	156-59-2	10/28/13 11:00	10/28/13 16:43	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 16:43	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 16:43	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 16:43	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 16:43	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 16:43	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 16:43	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 16:43	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 16:43	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 16:43	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 16:43	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 16:43	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 16:43	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW18A
Lab No: AWJ0840-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 15:30
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 16:43	3100723
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 16:43	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 16:43	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 16:43	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 16:43	3100723
Trichloroethene	EPA 8260B	EPA 5030B	0.4	1.0	1	ug/L	J	0.3	79-01-6	10/28/13 11:00	10/28/13 16:43	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 16:43	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 16:43	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 16:43	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 16:43	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 16:43	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 16:43	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 16:43	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	104 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 16:43	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 11:00	10/28/13 16:43	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 16:43	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19
Lab No: AWJ0840-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 08:38
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	1960	1	1	umhos/cm		1	COND	10/24/13 08:38	10/24/13 08:38	3100716
Dissolved Oxygen	SM 4500-O G	NA	3530	0.0	1	ug/L		0.0	NA	10/24/13 08:38	10/24/13 08:38	3100716
Field - pH	EPA 9040C	NA	6.13		1	pH Units			PH	10/24/13 08:38	10/24/13 08:38	3100716
Field - Temperature	SM 2550 B	NA	16.9		1	°C			TEMP	10/24/13 08:38	10/24/13 08:38	3100716
Field - Turbidity	EPA 180.1	NA	1.21		1	NTU			TURB	10/24/13 08:38	10/24/13 08:38	3100716
Field - Water Level	NA	NA	24.71		1	feet			WL	10/24/13 08:38	10/24/13 08:38	3100716
Field - Well Depth	NA	NA	40.00		1	feet				10/24/13 08:38	10/24/13 08:38	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 19:29	3100726
Arsenic	EPA 6020A	EPA 3005A	2.87	10.0	1	ug/L	J	0.78	7440-38-2	10/29/13 09:05	10/29/13 19:29	3100726
Barium	EPA 6020A	EPA 3005A	576	100	1	ug/L		0.25	7440-39-3	10/29/13 09:05	10/29/13 19:29	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 21:43	3100726
Cadmium	EPA 6020A	EPA 3005A	0.17	1.00	1	ug/L	J	0.06	7440-43-9	10/29/13 09:05	10/29/13 19:29	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 19:29	3100726
Cobalt	EPA 6020A	EPA 3005A	10.4	10.0	1	ug/L		0.12	7440-48-4	10/29/13 09:05	10/29/13 19:29	3100726
Copper	EPA 6020A	EPA 3005A	4.86	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 19:29	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 19:29	3100726
Nickel	EPA 6020A	EPA 3005A	129	50.0	1	ug/L		0.41	7440-02-0	10/29/13 09:05	10/29/13 19:29	3100726
Selenium	EPA 6020A	EPA 3005A	7.42	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	11/06/13 18:48	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 19:29	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19
Lab No: AWJ0840-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 08:38
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 19:29	3100726
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 19:29	3100726
Zinc	EPA 6020A	EPA 3005A	2.71	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 19:29	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 15:42	3100799
Tin	EPA 6020A	EPA 3005A	0.7	100	1	ug/L	J	0.4	7440-31-5	10/29/13 09:05	10/29/13 19:29	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 17:12	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 17:12	3100723
Benzene	EPA 8260B	EPA 5030B	2.4	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 17:12	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 17:12	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 17:12	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 17:12	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 17:12	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 17:12	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 17:12	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	3.0	3.0	1	ug/L	J	0.3	108-90-7	10/28/13 11:00	10/28/13 17:12	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 17:12	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 17:12	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 17:12	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 17:12	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 17:12	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19
Lab No: AWJ0840-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 08:38
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 17:12	3100723
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 17:12	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 17:12	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	6.1	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 17:12	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 17:12	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.7	5.0	1	ug/L	J	0.4	75-34-3	10/28/13 11:00	10/28/13 17:12	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 17:12	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 17:12	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	0.7	5.0	1	ug/L	J	0.4	156-59-2	10/28/13 11:00	10/28/13 17:12	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 17:12	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 17:12	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 17:12	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 17:12	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 17:12	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 17:12	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 17:12	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 17:12	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	19	100	1	ug/L	J	0.8	78-93-3	10/28/13 11:00	10/28/13 17:12	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 17:12	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 17:12	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 17:12	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19
Lab No: AWJ0840-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 08:38
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 17:12	3100723
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 17:12	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 17:12	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 17:12	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 17:12	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 17:12	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 17:12	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 17:12	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 17:12	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	0.8	1.0	1	ug/L	J	0.2	75-01-4	10/28/13 11:00	10/28/13 17:12	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 17:12	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	96 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 17:12	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 17:12	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	102 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 17:12	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	10/28/13 11:00	10/28/13 17:12	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 17:12	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19A
Lab No: AWJ0840-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:54
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	2570	1	1	umhos/cm		1	COND	10/24/13 10:54	10/24/13 10:54	3100716
Dissolved Oxygen	SM 4500-O G	NA	1270	0.0	1	ug/L		0.0	NA	10/24/13 10:54	10/24/13 10:54	3100716
Field - pH	EPA 9040C	NA	6.30		1	pH Units			PH	10/24/13 10:54	10/24/13 10:54	3100716
Field - Temperature	SM 2550 B	NA	18.3		1	°C			TEMP	10/24/13 10:54	10/24/13 10:54	3100716
Field - Turbidity	EPA 180.1	NA	1.76		1	NTU			TURB	10/24/13 10:54	10/24/13 10:54	3100716
Field - Water Level	NA	NA	25.51		1	feet			WL	10/24/13 10:54	10/24/13 10:54	3100716
Field - Well Depth	NA	NA	73.90		1	feet				10/24/13 10:54	10/24/13 10:54	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 19:35	3100726
Arsenic	EPA 6020A	EPA 3005A	3.49	10.0	1	ug/L	J	0.78	7440-38-2	10/29/13 09:05	10/29/13 19:35	3100726
Barium	EPA 6020A	EPA 3005A	715	100	1	ug/L		0.25	7440-39-3	10/29/13 09:05	10/29/13 19:35	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 21:48	3100726
Cadmium	EPA 6020A	EPA 3005A	0.08	1.00	1	ug/L	J	0.06	7440-43-9	10/29/13 09:05	10/29/13 19:35	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 19:35	3100726
Cobalt	EPA 6020A	EPA 3005A	23.7	10.0	1	ug/L		0.12	7440-48-4	10/29/13 09:05	10/29/13 19:35	3100726
Copper	EPA 6020A	EPA 3005A	6.24	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 19:35	3100726
Lead	EPA 6020A	EPA 3005A	0.10	10.0	1	ug/L	J	0.05	7439-92-1	10/29/13 09:05	10/29/13 19:35	3100726
Nickel	EPA 6020A	EPA 3005A	116	50.0	1	ug/L		0.41	7440-02-0	10/29/13 09:05	10/29/13 19:35	3100726
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/29/13 09:05	11/06/13 18:52	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 19:35	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19A
Lab No: AWJ0840-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:54
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	0.10	5.50	1	ug/L	J	0.06	7440-28-0	10/29/13 09:05	10/29/13 19:35	3100726
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 19:35	3100726
Zinc	EPA 6020A	EPA 3005A	884	10.0	1	ug/L	B-01	0.87	7440-66-6	10/29/13 09:05	10/29/13 19:35	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 15:45	3100799
Tin	EPA 6020A	EPA 3005A	1.2	100	1	ug/L	J	0.4	7440-31-5	10/29/13 09:05	10/29/13 19:35	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	4.1	100	1	ug/L	J	1.6	67-64-1	10/28/13 11:00	10/28/13 17:40	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 17:40	3100723
Benzene	EPA 8260B	EPA 5030B	2.9	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 17:40	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 17:40	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 17:40	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 17:40	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 17:40	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 17:40	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 17:40	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	3.8	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 17:40	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 17:40	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 17:40	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 17:40	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 17:40	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 17:40	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19A
Lab No: AWJ0840-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:54
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 17:40	3100723
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 17:40	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 17:40	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	7.9	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 17:40	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 17:40	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 17:40	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 17:40	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 17:40	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	0.5	5.0	1	ug/L	J	0.4	156-59-2	10/28/13 11:00	10/28/13 17:40	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 17:40	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 17:40	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 17:40	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 17:40	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 17:40	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 17:40	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 17:40	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 17:40	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	23	100	1	ug/L	J	0.8	78-93-3	10/28/13 11:00	10/28/13 17:40	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 17:40	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 17:40	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 17:40	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19A
Lab No: AWJ0840-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:54
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 17:40	3100723
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 17:40	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 17:40	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 17:40	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 17:40	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 17:40	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 17:40	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 17:40	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 17:40	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	0.3	1.0	1	ug/L	J	0.2	75-01-4	10/28/13 11:00	10/28/13 17:40	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 17:40	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	95 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 17:40	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 17:40	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	103 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 17:40	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 11:00	10/28/13 17:40	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 17:40	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19AR
Lab No: AWJ0840-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:39
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	2350	1	1	umhos/cm		1	COND	10/24/13 13:39	10/24/13 13:39	3100716
Dissolved Oxygen	SM 4500-O G	NA	1470	0.0	1	ug/L		0.0	NA	10/24/13 13:39	10/24/13 13:39	3100716
Field - pH	EPA 9040C	NA	6.12		1	pH Units			PH	10/24/13 13:39	10/24/13 13:39	3100716
Field - Temperature	SM 2550 B	NA	20.4		1	°C			TEMP	10/24/13 13:39	10/24/13 13:39	3100716
Field - Turbidity	EPA 180.1	NA	1.85		1	NTU			TURB	10/24/13 13:39	10/24/13 13:39	3100716
Field - Water Level	NA	NA	22.41		1	feet			WL	10/24/13 13:39	10/24/13 13:39	3100716
Field - Well Depth	NA	NA	35.00		1	feet				10/24/13 13:39	10/24/13 13:39	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.25	6.00	1	ug/L	J, B-01	0.22	7440-36-0	10/29/13 09:05	10/29/13 19:41	3100726
Arsenic	EPA 6020A	EPA 3005A	5.23	10.0	1	ug/L	J	0.78	7440-38-2	10/29/13 09:05	10/29/13 19:41	3100726
Barium	EPA 6020A	EPA 3005A	219	100	1	ug/L		0.25	7440-39-3	10/29/13 09:05	10/29/13 19:41	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 21:54	3100726
Cadmium	EPA 6020A	EPA 3005A	0.92	1.00	1	ug/L	J	0.06	7440-43-9	10/29/13 09:05	10/29/13 19:41	3100726
Chromium	EPA 6020A	EPA 3005A	6.70	10.0	1	ug/L	J	0.58	7440-47-3	10/29/13 09:05	10/29/13 19:41	3100726
Cobalt	EPA 6020A	EPA 3005A	17.1	10.0	1	ug/L		0.12	7440-48-4	10/29/13 09:05	10/29/13 19:41	3100726
Copper	EPA 6020A	EPA 3005A	8.23	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 19:41	3100726
Lead	EPA 6020A	EPA 3005A	0.60	10.0	1	ug/L	J	0.05	7439-92-1	10/29/13 09:05	10/29/13 19:41	3100726
Nickel	EPA 6020A	EPA 3005A	41.3	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 19:41	3100726
Selenium	EPA 6020A	EPA 3005A	1.83	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	11/06/13 18:56	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 19:41	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19AR
Lab No: AWJ0840-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:39
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 19:41	3100726
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 19:41	3100726
Zinc	EPA 6020A	EPA 3005A	11.6	10.0	1	ug/L	B-01	0.87	7440-66-6	10/29/13 09:05	10/29/13 19:41	3100726
Mercury	EPA 7470A	EPA 7470A	0.085	0.200	1	ug/L	J	0.061	7439-97-6	10/31/13 14:50	11/01/13 15:47	3100799
Tin	EPA 6020A	EPA 3005A	1.0	100	1	ug/L	J	0.4	7440-31-5	10/29/13 09:05	10/29/13 19:41	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	6.1	100	1	ug/L	J	1.6	67-64-1	10/28/13 11:00	10/28/13 18:09	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 18:09	3100723
Benzene	EPA 8260B	EPA 5030B	1.0	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 18:09	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 18:09	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 18:09	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 18:09	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 18:09	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 18:09	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 18:09	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	1.6	3.0	1	ug/L	J	0.3	108-90-7	10/28/13 11:00	10/28/13 18:09	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 18:09	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 18:09	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 18:09	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 18:09	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 18:09	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19AR
Lab No: AWJ0840-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:39
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 18:09	3100723
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 18:09	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 18:09	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	4.5	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 18:09	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 18:09	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 18:09	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 18:09	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 18:09	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 18:09	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 18:09	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 18:09	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 18:09	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 18:09	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 18:09	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 18:09	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 18:09	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 18:09	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	14	100	1	ug/L	J	0.8	78-93-3	10/28/13 11:00	10/28/13 18:09	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 18:09	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 18:09	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 18:09	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19AR
Lab No: AWJ0840-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:39
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 18:09	3100723
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 18:09	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 18:09	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 18:09	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 18:09	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 18:09	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 18:09	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 18:09	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 18:09	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 18:09	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 18:09	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 18:09	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	102 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 18:09	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	102 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 18:09	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	10/28/13 11:00	10/28/13 18:09	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 18:09	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19R
Lab No: AWJ0840-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	2040	1	1	umhos/cm		1	COND	10/24/13 13:02	10/24/13 13:02	3100716
Dissolved Oxygen	SM 4500-O G	NA	1530	0.0	1	ug/L		0.0	NA	10/24/13 13:02	10/24/13 13:02	3100716
Field - pH	EPA 9040C	NA	5.85		1	pH Units			PH	10/24/13 13:02	10/24/13 13:02	3100716
Field - Temperature	SM 2550 B	NA	17.2		1	°C			TEMP	10/24/13 13:02	10/24/13 13:02	3100716
Field - Turbidity	EPA 180.1	NA	1.17		1	NTU			TURB	10/24/13 13:02	10/24/13 13:02	3100716
Field - Water Level	NA	NA	20.56		1	feet			WL	10/24/13 13:02	10/24/13 13:02	3100716
Field - Well Depth	NA	NA	51.00		1	feet				10/24/13 13:02	10/24/13 13:02	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 19:46	3100726
Arsenic	EPA 6020A	EPA 3005A	4.16	10.0	1	ug/L	J	0.78	7440-38-2	10/29/13 09:05	10/29/13 19:46	3100726
Barium	EPA 6020A	EPA 3005A	731	100	1	ug/L		0.25	7440-39-3	10/29/13 09:05	10/29/13 19:46	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 22:00	3100726
Cadmium	EPA 6020A	EPA 3005A	0.59	1.00	1	ug/L	J	0.06	7440-43-9	10/29/13 09:05	10/29/13 19:46	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 19:46	3100726
Cobalt	EPA 6020A	EPA 3005A	15.6	10.0	1	ug/L		0.12	7440-48-4	10/29/13 09:05	10/29/13 19:46	3100726
Copper	EPA 6020A	EPA 3005A	7.63	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 19:46	3100726
Lead	EPA 6020A	EPA 3005A	0.09	10.0	1	ug/L	J	0.05	7439-92-1	10/29/13 09:05	10/29/13 19:46	3100726
Nickel	EPA 6020A	EPA 3005A	31.3	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 19:46	3100726
Selenium	EPA 6020A	EPA 3005A	1.90	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	11/06/13 19:00	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 19:46	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19R
Lab No: AWJ0840-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 19:46	3100726
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 19:46	3100726
Zinc	EPA 6020A	EPA 3005A	12.2	10.0	1	ug/L	B-01	0.87	7440-66-6	10/29/13 09:05	10/29/13 19:46	3100726
Mercury	EPA 7470A	EPA 7470A	0.064	0.200	1	ug/L	J	0.061	7439-97-6	10/31/13 14:50	11/01/13 15:49	3100799
Tin	EPA 6020A	EPA 3005A	1.2	100	1	ug/L	J	0.4	7440-31-5	10/29/13 09:05	10/29/13 19:46	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	11	100	1	ug/L	J	1.6	67-64-1	10/28/13 11:00	10/28/13 18:37	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 18:37	3100723
Benzene	EPA 8260B	EPA 5030B	1.2	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 18:37	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 18:37	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 18:37	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 18:37	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 18:37	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 18:37	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 18:37	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	1.6	3.0	1	ug/L	J	0.3	108-90-7	10/28/13 11:00	10/28/13 18:37	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 18:37	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 18:37	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 18:37	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 18:37	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 18:37	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19R
Lab No: AWJ0840-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 18:37	3100723
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 18:37	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 18:37	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	4.9	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 18:37	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 18:37	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 18:37	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 18:37	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 18:37	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 18:37	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 18:37	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 18:37	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 18:37	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 18:37	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 18:37	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 18:37	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 18:37	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 18:37	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	12	100	1	ug/L	J	0.8	78-93-3	10/28/13 11:00	10/28/13 18:37	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 18:37	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 18:37	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 18:37	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW19R
Lab No: AWJ0840-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 18:37	3100723
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 18:37	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 18:37	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 18:37	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 18:37	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 18:37	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 18:37	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 18:37	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 18:37	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 18:37	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 18:37	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	95 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 18:37	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	102 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 18:37	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	103 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 18:37	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 11:00	10/28/13 18:37	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 18:37	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW26
Lab No: AWJ0840-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	676	1	1	umhos/cm		1	COND	10/22/13 14:02	10/22/13 14:02	3100716
Dissolved Oxygen	SM 4500-O G	NA	1600	0.0	1	ug/L		0.0	NA	10/22/13 14:02	10/22/13 14:02	3100716
Field - pH	EPA 9040C	NA	6.27		1	pH Units			PH	10/22/13 14:02	10/22/13 14:02	3100716
Field - Temperature	SM 2550 B	NA	18.9		1	°C			TEMP	10/22/13 14:02	10/22/13 14:02	3100716
Field - Turbidity	EPA 180.1	NA	6.88		1	NTU			TURB	10/22/13 14:02	10/22/13 14:02	3100716
Field - Water Level	NA	NA	15.05		1	feet			WL	10/22/13 14:02	10/22/13 14:02	3100716
Field - Well Depth	NA	NA	21.10		1	feet				10/22/13 14:02	10/22/13 14:02	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 19:52	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 19:52	3100726
Barium	EPA 6020A	EPA 3005A	98.9	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 19:52	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 22:17	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 19:52	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 19:52	3100726
Cobalt	EPA 6020A	EPA 3005A	0.89	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 19:52	3100726
Copper	EPA 6020A	EPA 3005A	1.96	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 19:52	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 19:52	3100726
Nickel	EPA 6020A	EPA 3005A	11.3	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 19:52	3100726
Selenium	EPA 6020A	EPA 3005A	1.48	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	10/29/13 19:52	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 19:52	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 19:52	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW26
Lab No: AWJ0840-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	3.97	25.0	1	ug/L	J	1.97	7440-62-2	10/29/13 09:05	10/29/13 19:52	3100726
Zinc	EPA 6020A	EPA 3005A	1.75	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 19:52	3100726
Mercury	EPA 7470A	EPA 7470A	0.089	0.200	1	ug/L	J	0.061	7439-97-6	10/31/13 14:50	11/01/13 15:52	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 19:52	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 19:06	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 19:06	3100723
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 19:06	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 19:06	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 19:06	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 19:06	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 19:06	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 19:06	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 19:06	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 19:06	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 19:06	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 19:06	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 19:06	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 19:06	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 19:06	3100723
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 19:06	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW26
Lab No: AWJ0840-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 19:06	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 19:06	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 19:06	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 19:06	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 19:06	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 19:06	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 19:06	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	0.7	5.0	1	ug/L	J	0.4	156-59-2	10/28/13 11:00	10/28/13 19:06	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 19:06	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 19:06	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 19:06	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 19:06	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 19:06	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 19:06	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 19:06	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	0.8	1.0	1	ug/L	J	0.3	75-09-2	10/28/13 11:00	10/28/13 19:06	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 19:06	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 19:06	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 19:06	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 19:06	3100723
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 19:06	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW26
Lab No: AWJ0840-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 19:06	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 19:06	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 19:06	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 19:06	3100723
Trichloroethene	EPA 8260B	EPA 5030B	0.4	1.0	1	ug/L	J	0.3	79-01-6	10/28/13 11:00	10/28/13 19:06	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 19:06	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 19:06	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 19:06	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	0.2	1.0	1	ug/L	J	0.2	75-01-4	10/28/13 11:00	10/28/13 19:06	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 19:06	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 19:06	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	105 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 19:06	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	102 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 19:06	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 11:00	10/28/13 19:06	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 19:06	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW27
Lab No: AWJ0840-13
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:35
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	341	1	1	umhos/cm		1	COND	10/22/13 14:35	10/22/13 14:35	3100716
Dissolved Oxygen	SM 4500-O G	NA	2010	0.0	1	ug/L		0.0	NA	10/22/13 14:35	10/22/13 14:35	3100716
Field - pH	EPA 9040C	NA	6.31		1	pH Units			PH	10/22/13 14:35	10/22/13 14:35	3100716
Field - Temperature	SM 2550 B	NA	22.1		1	°C			TEMP	10/22/13 14:35	10/22/13 14:35	3100716
Field - Turbidity	EPA 180.1	NA	0.91		1	NTU			TURB	10/22/13 14:35	10/22/13 14:35	3100716
Field - Water Level	NA	NA	8.47		1	feet			WL	10/22/13 14:35	10/22/13 14:35	3100716
Field - Well Depth	NA	NA	14.90		1	feet				10/22/13 14:35	10/22/13 14:35	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 19:58	3100726
Arsenic	EPA 6020A	EPA 3005A	0.85	10.0	1	ug/L	J	0.78	7440-38-2	10/29/13 09:05	10/29/13 19:58	3100726
Barium	EPA 6020A	EPA 3005A	53.8	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 19:58	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 22:23	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 19:58	3100726
Chromium	EPA 6020A	EPA 3005A	2.11	10.0	1	ug/L	J	0.58	7440-47-3	10/29/13 09:05	10/29/13 19:58	3100726
Cobalt	EPA 6020A	EPA 3005A	0.23	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 19:58	3100726
Copper	EPA 6020A	EPA 3005A	6.77	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 19:58	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 19:58	3100726
Nickel	EPA 6020A	EPA 3005A	6.25	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 19:58	3100726
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/29/13 09:05	10/29/13 19:58	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 19:58	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 19:58	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW27
Lab No: AWJ0840-13
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:35
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 19:58	3100726
Zinc	EPA 6020A	EPA 3005A	2.04	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 19:58	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 15:59	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 19:58	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 19:34	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 19:34	3100723
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 19:34	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 19:34	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 19:34	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 19:34	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 19:34	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 19:34	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 19:34	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 19:34	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 19:34	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 19:34	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 19:34	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 19:34	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 19:34	3100723
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 19:34	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW27
Lab No: AWJ0840-13
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:35
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 19:34	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 19:34	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 19:34	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 19:34	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 19:34	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 19:34	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 19:34	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 19:34	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 19:34	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 19:34	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 19:34	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 19:34	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 19:34	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 19:34	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 19:34	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 19:34	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 19:34	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 19:34	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 19:34	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 19:34	3100723
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 19:34	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW27
Lab No: AWJ0840-13
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:35
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 19:34	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 19:34	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 19:34	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 19:34	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 19:34	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 19:34	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 19:34	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 19:34	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 19:34	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 19:34	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 19:34	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 19:34	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	103 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 19:34	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/28/13 11:00	10/28/13 19:34	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 19:34	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW28
Lab No: AWJ0840-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 08:22
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	300	1	1	umhos/cm		1	COND	10/23/13 08:22	10/23/13 08:22	3100716
Dissolved Oxygen	SM 4500-O G	NA	1630	0.0	1	ug/L		0.0	NA	10/23/13 08:22	10/23/13 08:22	3100716
Field - pH	EPA 9040C	NA	6.54		1	pH Units			PH	10/23/13 08:22	10/23/13 08:22	3100716
Field - Temperature	SM 2550 B	NA	17.6		1	°C			TEMP	10/23/13 08:22	10/23/13 08:22	3100716
Field - Turbidity	EPA 180.1	NA	4.89		1	NTU			TURB	10/23/13 08:22	10/23/13 08:22	3100716
Field - Water Level	NA	NA	12.38		1	feet			WL	10/23/13 08:22	10/23/13 08:22	3100716
Field - Well Depth	NA	NA	25.25		1	feet				10/23/13 08:22	10/23/13 08:22	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 20:04	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 20:04	3100726
Barium	EPA 6020A	EPA 3005A	33.5	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 20:04	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 22:29	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 20:04	3100726
Chromium	EPA 6020A	EPA 3005A	3.07	10.0	1	ug/L	J	0.58	7440-47-3	10/29/13 09:05	10/29/13 20:04	3100726
Cobalt	EPA 6020A	EPA 3005A	0.19	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 20:04	3100726
Copper	EPA 6020A	EPA 3005A	1.00	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 20:04	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 20:04	3100726
Nickel	EPA 6020A	EPA 3005A	8.01	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 20:04	3100726
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/29/13 09:05	10/29/13 20:04	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 20:04	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 20:04	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW28
Lab No: AWJ0840-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 08:22
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	2.20	25.0	1	ug/L	J	1.97	7440-62-2	10/29/13 09:05	10/29/13 20:04	3100726
Zinc	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.87	7440-66-6	10/29/13 09:05	10/29/13 20:04	3100726
Mercury	EPA 7470A	EPA 7470A	0.067	0.200	1	ug/L	J	0.061	7439-97-6	10/31/13 14:50	11/01/13 16:01	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 20:04	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 20:02	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 20:02	3100723
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 20:02	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 20:02	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 20:02	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 20:02	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 20:02	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 20:02	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 20:02	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 20:02	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 20:02	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 20:02	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 20:02	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 20:02	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 20:02	3100723
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 20:02	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW28
Lab No: AWJ0840-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 08:22
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 20:02	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 20:02	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 20:02	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 20:02	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 20:02	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 20:02	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 20:02	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 20:02	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 20:02	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 20:02	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 20:02	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 20:02	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 20:02	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 20:02	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 20:02	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 20:02	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 20:02	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 20:02	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 20:02	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 20:02	3100723
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 20:02	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW28
Lab No: AWJ0840-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 08:22
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 20:02	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 20:02	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 20:02	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 20:02	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 20:02	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 20:02	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 20:02	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 20:02	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 20:02	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 20:02	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 20:02	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	103 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 20:02	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	103 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 20:02	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 11:00	10/28/13 20:02	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 20:02	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW29R
Lab No: AWJ0840-15
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 09:08
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	256	1	1	umhos/cm		1	COND	10/23/13 09:08	10/23/13 09:08	3100716
Dissolved Oxygen	SM 4500-O G	NA	1830	0.0	1	ug/L		0.0	NA	10/23/13 09:08	10/23/13 09:08	3100716
Field - pH	EPA 9040C	NA	6.39		1	pH Units			PH	10/23/13 09:08	10/23/13 09:08	3100716
Field - Temperature	SM 2550 B	NA	18.6		1	°C			TEMP	10/23/13 09:08	10/23/13 09:08	3100716
Field - Turbidity	EPA 180.1	NA	3.62		1	NTU			TURB	10/23/13 09:08	10/23/13 09:08	3100716
Field - Water Level	NA	NA	7.51		1	feet			WL	10/23/13 09:08	10/23/13 09:08	3100716
Field - Well Depth	NA	NA	22.96		1	feet				10/23/13 09:08	10/23/13 09:08	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 20:21	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 20:21	3100726
Barium	EPA 6020A	EPA 3005A	25.8	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 20:21	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 22:34	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 20:21	3100726
Chromium	EPA 6020A	EPA 3005A	0.65	10.0	1	ug/L	J	0.58	7440-47-3	10/29/13 09:05	10/29/13 20:21	3100726
Cobalt	EPA 6020A	EPA 3005A	0.33	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 20:21	3100726
Copper	EPA 6020A	EPA 3005A	3.63	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 20:21	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 20:21	3100726
Nickel	EPA 6020A	EPA 3005A	2.66	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 20:21	3100726
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/29/13 09:05	10/29/13 20:21	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 20:21	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 20:21	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW29R
Lab No: AWJ0840-15
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 09:08
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 20:21	3100726
Zinc	EPA 6020A	EPA 3005A	1.86	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 20:21	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 16:03	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 20:21	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 20:30	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 20:30	3100723
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 20:30	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 20:30	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 20:30	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 20:30	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 20:30	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 20:30	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 20:30	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 20:30	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 20:30	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 20:30	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 20:30	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 20:30	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 20:30	3100723
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 20:30	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW29R
Lab No: AWJ0840-15
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 09:08
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 20:30	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 20:30	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 20:30	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 20:30	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 20:30	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 20:30	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 20:30	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 20:30	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 20:30	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 20:30	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 20:30	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 20:30	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 20:30	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 20:30	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 20:30	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 20:30	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 20:30	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 20:30	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 20:30	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 20:30	3100723
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 20:30	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW29R
Lab No: AWJ0840-15
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 09:08
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 20:30	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 20:30	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 20:30	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 20:30	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 20:30	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 20:30	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 20:30	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 20:30	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 20:30	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 20:30	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 20:30	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 20:30	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	103 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 20:30	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	105 %		80-120				460-00-4	10/28/13 11:00	10/28/13 20:30	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 20:30	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW31
Lab No: AWJ0840-16
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:00
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	150	1	1	umhos/cm		1	COND	10/23/13 10:00	10/23/13 10:00	3100716
Dissolved Oxygen	SM 4500-O G	NA	3410	0.0	1	ug/L		0.0	NA	10/23/13 10:00	10/23/13 10:00	3100716
Field - pH	EPA 9040C	NA	6.18		1	pH Units			PH	10/23/13 10:00	10/23/13 10:00	3100716
Field - Temperature	SM 2550 B	NA	18.0		1	°C			TEMP	10/23/13 10:00	10/23/13 10:00	3100716
Field - Turbidity	EPA 180.1	NA	5.81		1	NTU			TURB	10/23/13 10:00	10/23/13 10:00	3100716
Field - Water Level	NA	NA	23.93		1	feet			WL	10/23/13 10:00	10/23/13 10:00	3100716
Field - Well Depth	NA	NA	32.85		1	feet				10/23/13 10:00	10/23/13 10:00	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 20:26	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 20:26	3100726
Barium	EPA 6020A	EPA 3005A	35.2	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 20:26	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 22:40	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 20:26	3100726
Chromium	EPA 6020A	EPA 3005A	3.03	10.0	1	ug/L	J	0.58	7440-47-3	10/29/13 09:05	10/29/13 20:26	3100726
Cobalt	EPA 6020A	EPA 3005A	0.37	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 20:26	3100726
Copper	EPA 6020A	EPA 3005A	2.02	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 20:26	3100726
Lead	EPA 6020A	EPA 3005A	0.15	10.0	1	ug/L	J	0.05	7439-92-1	10/29/13 09:05	10/29/13 20:26	3100726
Nickel	EPA 6020A	EPA 3005A	2.51	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 20:26	3100726
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/29/13 09:05	10/29/13 20:26	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 20:26	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 20:26	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW31
Lab No: AWJ0840-16
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:00
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	2.44	25.0	1	ug/L	J	1.97	7440-62-2	10/29/13 09:05	10/29/13 20:26	3100726
Zinc	EPA 6020A	EPA 3005A	6.32	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 20:26	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 16:06	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 20:26	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 20:59	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 20:59	3100723
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 20:59	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 20:59	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 20:59	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 20:59	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 20:59	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 20:59	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 20:59	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 20:59	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 20:59	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 20:59	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 20:59	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 20:59	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 20:59	3100723
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 20:59	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW31
Lab No: AWJ0840-16
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:00
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 20:59	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 20:59	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 20:59	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 20:59	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 20:59	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 20:59	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 20:59	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 20:59	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 20:59	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 20:59	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 20:59	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 20:59	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 20:59	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 20:59	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 20:59	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 20:59	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 20:59	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 20:59	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 20:59	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 20:59	3100723
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 20:59	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW31
Lab No: AWJ0840-16
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:00
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 20:59	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 20:59	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 20:59	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 20:59	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 20:59	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 20:59	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 20:59	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 20:59	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 20:59	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 20:59	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	95 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 20:59	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 20:59	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	103 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 20:59	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 11:00	10/28/13 20:59	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 20:59	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW32R
Lab No: AWJ0840-17
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:58
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	239	1	1	umhos/cm		1	COND	10/23/13 10:58	10/23/13 10:58	3100716
Dissolved Oxygen	SM 4500-O G	NA	2500	0.0	1	ug/L		0.0	NA	10/23/13 10:58	10/23/13 10:58	3100716
Field - pH	EPA 9040C	NA	6.04		1	pH Units			PH	10/23/13 10:58	10/23/13 10:58	3100716
Field - Temperature	SM 2550 B	NA	20.8		1	°C			TEMP	10/23/13 10:58	10/23/13 10:58	3100716
Field - Turbidity	EPA 180.1	NA	1.06		1	NTU			TURB	10/23/13 10:58	10/23/13 10:58	3100716
Field - Water Level	NA	NA	21.41		1	feet			WL	10/23/13 10:58	10/23/13 10:58	3100716
Field - Well Depth	NA	NA	30.50		1	feet				10/23/13 10:58	10/23/13 10:58	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 20:32	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 20:32	3100726
Barium	EPA 6020A	EPA 3005A	40.6	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 20:32	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 22:46	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 20:32	3100726
Chromium	EPA 6020A	EPA 3005A	0.93	10.0	1	ug/L	J	0.58	7440-47-3	10/29/13 09:05	10/29/13 20:32	3100726
Cobalt	EPA 6020A	EPA 3005A	0.95	10.0	1	ug/L	J	0.12	7440-48-4	10/29/13 09:05	10/29/13 20:32	3100726
Copper	EPA 6020A	EPA 3005A	2.47	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 20:32	3100726
Lead	EPA 6020A	EPA 3005A	0.35	10.0	1	ug/L	J	0.05	7439-92-1	10/29/13 09:05	10/29/13 20:32	3100726
Nickel	EPA 6020A	EPA 3005A	10.7	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 20:32	3100726
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/29/13 09:05	10/29/13 20:32	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 20:32	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 20:32	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW32R
Lab No: AWJ0840-17
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:58
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 20:32	3100726
Zinc	EPA 6020A	EPA 3005A	2.02	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 20:32	3100726
Mercury	EPA 7470A	EPA 7470A	0.083	0.200	1	ug/L	J	0.061	7439-97-6	10/31/13 14:50	11/01/13 16:08	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 20:32	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 11:00	10/28/13 21:27	3100723
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 11:00	10/28/13 21:27	3100723
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 11:00	10/28/13 21:27	3100723
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 11:00	10/28/13 21:27	3100723
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 11:00	10/28/13 21:27	3100723
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 11:00	10/28/13 21:27	3100723
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 11:00	10/28/13 21:27	3100723
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 11:00	10/28/13 21:27	3100723
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 11:00	10/28/13 21:27	3100723
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 11:00	10/28/13 21:27	3100723
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 11:00	10/28/13 21:27	3100723
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 11:00	10/28/13 21:27	3100723
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 11:00	10/28/13 21:27	3100723
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 11:00	10/28/13 21:27	3100723
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 11:00	10/28/13 21:27	3100723
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 11:00	10/28/13 21:27	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW32R
Lab No: AWJ0840-17
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:58
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 11:00	10/28/13 21:27	3100723
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 11:00	10/28/13 21:27	3100723
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 11:00	10/28/13 21:27	3100723
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 11:00	10/28/13 21:27	3100723
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 11:00	10/28/13 21:27	3100723
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 11:00	10/28/13 21:27	3100723
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 11:00	10/28/13 21:27	3100723
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 11:00	10/28/13 21:27	3100723
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 11:00	10/28/13 21:27	3100723
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 11:00	10/28/13 21:27	3100723
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 11:00	10/28/13 21:27	3100723
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 11:00	10/28/13 21:27	3100723
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 11:00	10/28/13 21:27	3100723
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 11:00	10/28/13 21:27	3100723
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 11:00	10/28/13 21:27	3100723
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 11:00	10/28/13 21:27	3100723
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 11:00	10/28/13 21:27	3100723
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 11:00	10/28/13 21:27	3100723
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 11:00	10/28/13 21:27	3100723
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 11:00	10/28/13 21:27	3100723
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 11:00	10/28/13 21:27	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW32R
Lab No: AWJ0840-17
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:58
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 11:00	10/28/13 21:27	3100723
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 11:00	10/28/13 21:27	3100723
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 11:00	10/28/13 21:27	3100723
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 11:00	10/28/13 21:27	3100723
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 11:00	10/28/13 21:27	3100723
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 11:00	10/28/13 21:27	3100723
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 11:00	10/28/13 21:27	3100723
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 11:00	10/28/13 21:27	3100723
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 11:00	10/28/13 21:27	3100723
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 11:00	10/28/13 21:27	3100723
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	95 %		80-120				1868-53-7	10/28/13 11:00	10/28/13 21:27	3100723
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	105 %		78-120				17060-07-0	10/28/13 11:00	10/28/13 21:27	3100723
Surr: Toluene-d8	EPA 8260B	EPA 5030B	103 %		80-120				2037-26-5	10/28/13 11:00	10/28/13 21:27	3100723
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	10/28/13 11:00	10/28/13 21:27	3100723
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 11:00	10/28/13 21:27	3100723

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Field Blank
Lab No: AWJ0840-18
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:50
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 20:38	3100726
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	10/29/13 20:38	3100726
Barium	EPA 6020A	EPA 3005A	2.38	100	1	ug/L	J	0.25	7440-39-3	10/29/13 09:05	10/29/13 20:38	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 22:52	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 20:38	3100726
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/29/13 09:05	10/29/13 20:38	3100726
Cobalt	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.12	7440-48-4	10/29/13 09:05	10/29/13 20:38	3100726
Copper	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.38	7440-50-8	10/29/13 09:05	10/29/13 20:38	3100726
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/29/13 09:05	10/29/13 20:38	3100726
Nickel	EPA 6020A	EPA 3005A	ND	50.0	1	ug/L		0.41	7440-02-0	10/29/13 09:05	10/29/13 20:38	3100726
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/29/13 09:05	10/29/13 20:38	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 20:38	3100726
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 20:38	3100726
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 20:38	3100726
Zinc	EPA 6020A	EPA 3005A	0.93	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 20:38	3100726
Mercury	EPA 7470A	EPA 7470A	0.067	0.200	1	ug/L	J	0.061	7439-97-6	10/31/13 14:50	11/01/13 16:10	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 20:38	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 16:04	10/28/13 17:15	3100732
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 16:04	10/28/13 17:15	3100732
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 16:04	10/28/13 17:15	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Field Blank
Lab No: AWJ0840-18
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:50
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 16:04	10/28/13 17:15	3100732
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 16:04	10/28/13 17:15	3100732
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 16:04	10/28/13 17:15	3100732
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 16:04	10/28/13 17:15	3100732
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 16:04	10/28/13 17:15	3100732
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 16:04	10/28/13 17:15	3100732
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 16:04	10/28/13 17:15	3100732
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 16:04	10/28/13 17:15	3100732
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 16:04	10/28/13 17:15	3100732
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 16:04	10/28/13 17:15	3100732
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 16:04	10/28/13 17:15	3100732
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 16:04	10/28/13 17:15	3100732
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 16:04	10/28/13 17:15	3100732
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 16:04	10/28/13 17:15	3100732
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 16:04	10/28/13 17:15	3100732
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 16:04	10/28/13 17:15	3100732
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 16:04	10/28/13 17:15	3100732
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 16:04	10/28/13 17:15	3100732
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 16:04	10/28/13 17:15	3100732
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 16:04	10/28/13 17:15	3100732
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 16:04	10/28/13 17:15	3100732
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 16:04	10/28/13 17:15	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Field Blank
Lab No: AWJ0840-18
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:50
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 16:04	10/28/13 17:15	3100732
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 16:04	10/28/13 17:15	3100732
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 16:04	10/28/13 17:15	3100732
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 16:04	10/28/13 17:15	3100732
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 16:04	10/28/13 17:15	3100732
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 16:04	10/28/13 17:15	3100732
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 16:04	10/28/13 17:15	3100732
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 16:04	10/28/13 17:15	3100732
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 16:04	10/28/13 17:15	3100732
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 16:04	10/28/13 17:15	3100732
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 16:04	10/28/13 17:15	3100732
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 16:04	10/28/13 17:15	3100732
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 16:04	10/28/13 17:15	3100732
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 16:04	10/28/13 17:15	3100732
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 16:04	10/28/13 17:15	3100732
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 16:04	10/28/13 17:15	3100732
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 16:04	10/28/13 17:15	3100732
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 16:04	10/28/13 17:15	3100732
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 16:04	10/28/13 17:15	3100732
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 16:04	10/28/13 17:15	3100732
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 16:04	10/28/13 17:15	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Field Blank
Lab No: AWJ0840-18
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:50
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 16:04	10/28/13 17:15	3100732
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/28/13 16:04	10/28/13 17:15	3100732
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	99 %		78-120				17060-07-0	10/28/13 16:04	10/28/13 17:15	3100732
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/28/13 16:04	10/28/13 17:15	3100732
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 16:04	10/28/13 17:15	3100732
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 16:04	10/28/13 17:15	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW1A
Lab No: AWJ0840-19
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 13:20
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	1160	1	1	umhos/cm		1	COND	10/22/13 13:20	10/22/13 13:20	3100716
Dissolved Oxygen	SM 4500-O G	NA	2250	0.0	1	ug/L		0.0	NA	10/22/13 13:20	10/22/13 13:20	3100716
Field - pH	EPA 9040C	NA	6.46		1	pH Units			PH	10/22/13 13:20	10/22/13 13:20	3100716
Field - Temperature	SM 2550 B	NA	20.0		1	°C			TEMP	10/22/13 13:20	10/22/13 13:20	3100716
Field - Turbidity	EPA 180.1	NA	2.56		1	NTU			TURB	10/22/13 13:20	10/22/13 13:20	3100716
Field - Water Level	NA	NA	6.35		1	feet			WL	10/22/13 13:20	10/22/13 13:20	3100716
Field - Well Depth	NA	NA	19.60		1	feet				10/22/13 13:20	10/22/13 13:20	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/29/13 09:05	10/29/13 20:44	3100726
Arsenic	EPA 6020A	EPA 3005A	1.67	10.0	1	ug/L	J	0.78	7440-38-2	10/29/13 09:05	10/29/13 20:44	3100726
Barium	EPA 6020A	EPA 3005A	184	100	1	ug/L		0.25	7440-39-3	10/29/13 09:05	10/29/13 20:44	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	11/01/13 22:58	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 20:44	3100726
Chromium	EPA 6020A	EPA 3005A	3.45	10.0	1	ug/L	J	0.58	7440-47-3	10/29/13 09:05	10/29/13 20:44	3100726
Cobalt	EPA 6020A	EPA 3005A	13.2	10.0	1	ug/L		0.12	7440-48-4	10/29/13 09:05	10/29/13 20:44	3100726
Copper	EPA 6020A	EPA 3005A	15.4	10.0	1	ug/L		0.38	7440-50-8	10/29/13 09:05	10/29/13 20:44	3100726
Lead	EPA 6020A	EPA 3005A	0.65	10.0	1	ug/L	J	0.05	7439-92-1	10/29/13 09:05	10/29/13 20:44	3100726
Nickel	EPA 6020A	EPA 3005A	11.0	50.0	1	ug/L	J	0.41	7440-02-0	10/29/13 09:05	10/29/13 20:44	3100726
Selenium	EPA 6020A	EPA 3005A	3.02	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	10/29/13 20:44	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 20:44	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW1A
Lab No: AWJ0840-19
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 13:20
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/29/13 09:05	10/29/13 20:44	3100726
Vanadium	EPA 6020A	EPA 3005A	4.91	25.0	1	ug/L	J	1.97	7440-62-2	10/29/13 09:05	10/29/13 20:44	3100726
Zinc	EPA 6020A	EPA 3005A	8.55	10.0	1	ug/L	B-01, J	0.87	7440-66-6	10/29/13 09:05	10/29/13 20:44	3100726
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 16:13	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/29/13 09:05	10/29/13 20:44	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 16:04	10/28/13 17:43	3100732
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 16:04	10/28/13 17:43	3100732
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 16:04	10/28/13 17:43	3100732
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 16:04	10/28/13 17:43	3100732
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 16:04	10/28/13 17:43	3100732
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 16:04	10/28/13 17:43	3100732
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 16:04	10/28/13 17:43	3100732
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 16:04	10/28/13 17:43	3100732
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 16:04	10/28/13 17:43	3100732
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 16:04	10/28/13 17:43	3100732
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 16:04	10/28/13 17:43	3100732
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 16:04	10/28/13 17:43	3100732
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 16:04	10/28/13 17:43	3100732
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 16:04	10/28/13 17:43	3100732
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 16:04	10/28/13 17:43	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW1A
Lab No: AWJ0840-19
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 13:20
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 16:04	10/28/13 17:43	3100732
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 16:04	10/28/13 17:43	3100732
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 16:04	10/28/13 17:43	3100732
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 16:04	10/28/13 17:43	3100732
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 16:04	10/28/13 17:43	3100732
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 16:04	10/28/13 17:43	3100732
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 16:04	10/28/13 17:43	3100732
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 16:04	10/28/13 17:43	3100732
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 16:04	10/28/13 17:43	3100732
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 16:04	10/28/13 17:43	3100732
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 16:04	10/28/13 17:43	3100732
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 16:04	10/28/13 17:43	3100732
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 16:04	10/28/13 17:43	3100732
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 16:04	10/28/13 17:43	3100732
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 16:04	10/28/13 17:43	3100732
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 16:04	10/28/13 17:43	3100732
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 16:04	10/28/13 17:43	3100732
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 16:04	10/28/13 17:43	3100732
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 16:04	10/28/13 17:43	3100732
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 16:04	10/28/13 17:43	3100732
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 16:04	10/28/13 17:43	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW1A
Lab No: AWJ0840-19
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 13:20
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 16:04	10/28/13 17:43	3100732
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 16:04	10/28/13 17:43	3100732
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 16:04	10/28/13 17:43	3100732
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 16:04	10/28/13 17:43	3100732
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 16:04	10/28/13 17:43	3100732
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 16:04	10/28/13 17:43	3100732
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 16:04	10/28/13 17:43	3100732
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 16:04	10/28/13 17:43	3100732
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 16:04	10/28/13 17:43	3100732
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 16:04	10/28/13 17:43	3100732
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 16:04	10/28/13 17:43	3100732
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/28/13 16:04	10/28/13 17:43	3100732
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	101 %		78-120				17060-07-0	10/28/13 16:04	10/28/13 17:43	3100732
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/28/13 16:04	10/28/13 17:43	3100732
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/28/13 16:04	10/28/13 17:43	3100732
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 16:04	10/28/13 17:43	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW1B
Lab No: AWJ0840-20
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 08:27
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	670	1	1	umhos/cm		1	COND	10/23/13 08:27	10/23/13 08:27	3100716
Dissolved Oxygen	SM 4500-O G	NA	2250	0.0	1	ug/L		0.0	NA	10/23/13 08:27	10/23/13 08:27	3100716
Field - pH	EPA 9040C	NA	6.02		1	pH Units			PH	10/23/13 08:27	10/23/13 08:27	3100716
Field - Temperature	SM 2550 B	NA	16.6		1	°C			TEMP	10/23/13 08:27	10/23/13 08:27	3100716
Field - Turbidity	EPA 180.1	NA	1.98		1	NTU			TURB	10/23/13 08:27	10/23/13 08:27	3100716
Field - Water Level	NA	NA	9.49		1	feet			WL	10/23/13 08:27	10/23/13 08:27	3100716
Field - Well Depth	NA	NA	35.40		1	feet				10/23/13 08:27	10/23/13 08:27	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.81	6.00	1	ug/L	J	0.22	7440-36-0	10/30/13 09:15	10/31/13 18:49	3100755
Arsenic	EPA 6020A	EPA 3005A	0.86	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 09:15	10/31/13 18:49	3100755
Barium	EPA 6020A	EPA 3005A	6.92	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 18:49	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 18:49	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 18:49	3100755
Chromium	EPA 6020A	EPA 3005A	0.64	10.0	1	ug/L	J	0.58	7440-47-3	10/30/13 09:15	10/31/13 18:49	3100755
Cobalt	EPA 6020A	EPA 3005A	5.99	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 18:49	3100755
Copper	EPA 6020A	EPA 3005A	1.38	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 18:49	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 18:49	3100755
Nickel	EPA 6020A	EPA 3005A	23.4	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 18:49	3100755
Selenium	EPA 6020A	EPA 3005A	1.72	10.0	1	ug/L	J	0.77	7782-49-2	10/30/13 09:15	10/31/13 18:49	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 18:49	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW1B
Lab No: AWJ0840-20
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 08:27
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	0.59	5.50	1	ug/L	J	0.06	7440-28-0	10/30/13 09:15	10/31/13 18:49	3100755
Vanadium	EPA 6020A	EPA 3005A	5.61	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 18:49	3100755
Zinc	EPA 6020A	EPA 3005A	3.89	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 18:49	3100755
Mercury	EPA 7470A	EPA 7470A	0.069	0.200	1	ug/L	J	0.061	7439-97-6	10/31/13 14:50	11/01/13 16:15	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 18:49	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 16:04	10/28/13 18:11	3100732
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 16:04	10/28/13 18:11	3100732
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 16:04	10/28/13 18:11	3100732
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 16:04	10/28/13 18:11	3100732
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 16:04	10/28/13 18:11	3100732
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 16:04	10/28/13 18:11	3100732
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 16:04	10/28/13 18:11	3100732
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 16:04	10/28/13 18:11	3100732
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 16:04	10/28/13 18:11	3100732
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 16:04	10/28/13 18:11	3100732
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 16:04	10/28/13 18:11	3100732
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 16:04	10/28/13 18:11	3100732
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 16:04	10/28/13 18:11	3100732
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 16:04	10/28/13 18:11	3100732
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 16:04	10/28/13 18:11	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW1B
Lab No: AWJ0840-20
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 08:27
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 16:04	10/28/13 18:11	3100732
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 16:04	10/28/13 18:11	3100732
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 16:04	10/28/13 18:11	3100732
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 16:04	10/28/13 18:11	3100732
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 16:04	10/28/13 18:11	3100732
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 16:04	10/28/13 18:11	3100732
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 16:04	10/28/13 18:11	3100732
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 16:04	10/28/13 18:11	3100732
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 16:04	10/28/13 18:11	3100732
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 16:04	10/28/13 18:11	3100732
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 16:04	10/28/13 18:11	3100732
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 16:04	10/28/13 18:11	3100732
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 16:04	10/28/13 18:11	3100732
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 16:04	10/28/13 18:11	3100732
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 16:04	10/28/13 18:11	3100732
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 16:04	10/28/13 18:11	3100732
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 16:04	10/28/13 18:11	3100732
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 16:04	10/28/13 18:11	3100732
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 16:04	10/28/13 18:11	3100732
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 16:04	10/28/13 18:11	3100732
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 16:04	10/28/13 18:11	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW1B
Lab No: AWJ0840-20
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 08:27
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 16:04	10/28/13 18:11	3100732
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 16:04	10/28/13 18:11	3100732
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 16:04	10/28/13 18:11	3100732
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 16:04	10/28/13 18:11	3100732
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 16:04	10/28/13 18:11	3100732
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 16:04	10/28/13 18:11	3100732
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 16:04	10/28/13 18:11	3100732
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 16:04	10/28/13 18:11	3100732
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 16:04	10/28/13 18:11	3100732
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 16:04	10/28/13 18:11	3100732
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 16:04	10/28/13 18:11	3100732
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/28/13 16:04	10/28/13 18:11	3100732
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	101 %		78-120				17060-07-0	10/28/13 16:04	10/28/13 18:11	3100732
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/28/13 16:04	10/28/13 18:11	3100732
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 16:04	10/28/13 18:11	3100732
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 16:04	10/28/13 18:11	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW2A
Lab No: AWJ0840-21
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:49
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	784	1	1	umhos/cm		1	COND	10/22/13 10:49	10/22/13 10:49	3100716
Dissolved Oxygen	SM 4500-O G	NA	2130	0.0	1	ug/L		0.0	NA	10/22/13 10:49	10/22/13 10:49	3100716
Field - pH	EPA 9040C	NA	5.99		1	pH Units			PH	10/22/13 10:49	10/22/13 10:49	3100716
Field - Temperature	SM 2550 B	NA	19.5		1	°C			TEMP	10/22/13 10:49	10/22/13 10:49	3100716
Field - Turbidity	EPA 180.1	NA	0.90		1	NTU			TURB	10/22/13 10:49	10/22/13 10:49	3100716
Field - Water Level	NA	NA	8.85		1	feet			WL	10/22/13 10:49	10/22/13 10:49	3100716
Field - Well Depth	NA	NA	19.15		1	feet				10/22/13 10:49	10/22/13 10:49	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.29	6.00	1	ug/L	J	0.22	7440-36-0	10/30/13 09:15	10/31/13 18:55	3100755
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/30/13 09:15	10/31/13 18:55	3100755
Barium	EPA 6020A	EPA 3005A	71.2	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 18:55	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 18:55	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 18:55	3100755
Chromium	EPA 6020A	EPA 3005A	1.10	10.0	1	ug/L	J	0.58	7440-47-3	10/30/13 09:15	10/31/13 18:55	3100755
Cobalt	EPA 6020A	EPA 3005A	0.29	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 18:55	3100755
Copper	EPA 6020A	EPA 3005A	1.26	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 18:55	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 18:55	3100755
Nickel	EPA 6020A	EPA 3005A	6.22	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 18:55	3100755
Selenium	EPA 6020A	EPA 3005A	2.49	10.0	1	ug/L	J	0.77	7782-49-2	10/30/13 09:15	10/31/13 18:55	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 18:55	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW2A
Lab No: AWJ0840-21
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:49
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	0.29	5.50	1	ug/L	J	0.06	7440-28-0	10/30/13 09:15	10/31/13 18:55	3100755
Vanadium	EPA 6020A	EPA 3005A	7.75	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 18:55	3100755
Zinc	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.87	7440-66-6	10/30/13 09:15	10/31/13 18:55	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 16:17	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 18:55	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 16:04	10/28/13 18:39	3100732
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 16:04	10/28/13 18:39	3100732
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 16:04	10/28/13 18:39	3100732
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 16:04	10/28/13 18:39	3100732
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 16:04	10/28/13 18:39	3100732
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 16:04	10/28/13 18:39	3100732
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 16:04	10/28/13 18:39	3100732
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 16:04	10/28/13 18:39	3100732
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 16:04	10/28/13 18:39	3100732
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 16:04	10/28/13 18:39	3100732
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 16:04	10/28/13 18:39	3100732
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 16:04	10/28/13 18:39	3100732
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 16:04	10/28/13 18:39	3100732
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 16:04	10/28/13 18:39	3100732
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 16:04	10/28/13 18:39	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW2A
Lab No: AWJ0840-21
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:49
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 16:04	10/28/13 18:39	3100732
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 16:04	10/28/13 18:39	3100732
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 16:04	10/28/13 18:39	3100732
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 16:04	10/28/13 18:39	3100732
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 16:04	10/28/13 18:39	3100732
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 16:04	10/28/13 18:39	3100732
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 16:04	10/28/13 18:39	3100732
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 16:04	10/28/13 18:39	3100732
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 16:04	10/28/13 18:39	3100732
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 16:04	10/28/13 18:39	3100732
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 16:04	10/28/13 18:39	3100732
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 16:04	10/28/13 18:39	3100732
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 16:04	10/28/13 18:39	3100732
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 16:04	10/28/13 18:39	3100732
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 16:04	10/28/13 18:39	3100732
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 16:04	10/28/13 18:39	3100732
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 16:04	10/28/13 18:39	3100732
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 16:04	10/28/13 18:39	3100732
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 16:04	10/28/13 18:39	3100732
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 16:04	10/28/13 18:39	3100732
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 16:04	10/28/13 18:39	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW2A
Lab No: AWJ0840-21
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:49
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 16:04	10/28/13 18:39	3100732
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 16:04	10/28/13 18:39	3100732
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 16:04	10/28/13 18:39	3100732
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 16:04	10/28/13 18:39	3100732
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 16:04	10/28/13 18:39	3100732
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 16:04	10/28/13 18:39	3100732
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 16:04	10/28/13 18:39	3100732
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 16:04	10/28/13 18:39	3100732
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 16:04	10/28/13 18:39	3100732
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 16:04	10/28/13 18:39	3100732
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 16:04	10/28/13 18:39	3100732
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/28/13 16:04	10/28/13 18:39	3100732
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	101 %		78-120				17060-07-0	10/28/13 16:04	10/28/13 18:39	3100732
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/28/13 16:04	10/28/13 18:39	3100732
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	10/28/13 16:04	10/28/13 18:39	3100732
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 16:04	10/28/13 18:39	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW2B
Lab No: AWJ0840-22
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 11:25
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	444	1	1	umhos/cm		1	COND	10/22/13 11:25	10/22/13 11:25	3100716
Dissolved Oxygen	SM 4500-O G	NA	2460	0.0	1	ug/L		0.0	NA	10/22/13 11:25	10/22/13 11:25	3100716
Field - pH	EPA 9040C	NA	6.33		1	pH Units			PH	10/22/13 11:25	10/22/13 11:25	3100716
Field - Temperature	SM 2550 B	NA	17.0		1	°C			TEMP	10/22/13 11:25	10/22/13 11:25	3100716
Field - Turbidity	EPA 180.1	NA	0.95		1	NTU			TURB	10/22/13 11:25	10/22/13 11:25	3100716
Field - Water Level	NA	NA	9.09		1	feet			WL	10/22/13 11:25	10/22/13 11:25	3100716
Field - Well Depth	NA	NA	38.52		1	feet				10/22/13 11:25	10/22/13 11:25	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 19:01	3100755
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/30/13 09:15	10/31/13 19:01	3100755
Barium	EPA 6020A	EPA 3005A	21.6	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 19:01	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 19:01	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 19:01	3100755
Chromium	EPA 6020A	EPA 3005A	1.57	10.0	1	ug/L	J	0.58	7440-47-3	10/30/13 09:15	10/31/13 19:01	3100755
Cobalt	EPA 6020A	EPA 3005A	7.80	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 19:01	3100755
Copper	EPA 6020A	EPA 3005A	0.57	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 19:01	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 19:01	3100755
Nickel	EPA 6020A	EPA 3005A	7.02	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 19:01	3100755
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 09:15	10/31/13 19:01	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 19:01	3100755
Thallium	EPA 6020A	EPA 3005A	0.20	5.50	1	ug/L	J	0.06	7440-28-0	10/30/13 09:15	10/31/13 19:01	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW2B
Lab No: AWJ0840-22
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 11:25
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	7.33	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 19:01	3100755
Zinc	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.87	7440-66-6	10/30/13 09:15	10/31/13 19:01	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 16:20	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 19:01	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 16:04	10/28/13 19:07	3100732
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 16:04	10/28/13 19:07	3100732
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 16:04	10/28/13 19:07	3100732
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 16:04	10/28/13 19:07	3100732
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 16:04	10/28/13 19:07	3100732
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 16:04	10/28/13 19:07	3100732
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 16:04	10/28/13 19:07	3100732
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 16:04	10/28/13 19:07	3100732
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 16:04	10/28/13 19:07	3100732
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 16:04	10/28/13 19:07	3100732
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 16:04	10/28/13 19:07	3100732
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 16:04	10/28/13 19:07	3100732
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 16:04	10/28/13 19:07	3100732
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 16:04	10/28/13 19:07	3100732
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 16:04	10/28/13 19:07	3100732
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 16:04	10/28/13 19:07	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW2B
Lab No: AWJ0840-22
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 11:25
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 16:04	10/28/13 19:07	3100732
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 16:04	10/28/13 19:07	3100732
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 16:04	10/28/13 19:07	3100732
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 16:04	10/28/13 19:07	3100732
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 16:04	10/28/13 19:07	3100732
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 16:04	10/28/13 19:07	3100732
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 16:04	10/28/13 19:07	3100732
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 16:04	10/28/13 19:07	3100732
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 16:04	10/28/13 19:07	3100732
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 16:04	10/28/13 19:07	3100732
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 16:04	10/28/13 19:07	3100732
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 16:04	10/28/13 19:07	3100732
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 16:04	10/28/13 19:07	3100732
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 16:04	10/28/13 19:07	3100732
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 16:04	10/28/13 19:07	3100732
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 16:04	10/28/13 19:07	3100732
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 16:04	10/28/13 19:07	3100732
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 16:04	10/28/13 19:07	3100732
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 16:04	10/28/13 19:07	3100732
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 16:04	10/28/13 19:07	3100732
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 16:04	10/28/13 19:07	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW2B
Lab No: AWJ0840-22
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 11:25
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 16:04	10/28/13 19:07	3100732
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 16:04	10/28/13 19:07	3100732
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 16:04	10/28/13 19:07	3100732
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 16:04	10/28/13 19:07	3100732
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 16:04	10/28/13 19:07	3100732
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 16:04	10/28/13 19:07	3100732
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 16:04	10/28/13 19:07	3100732
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 16:04	10/28/13 19:07	3100732
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 16:04	10/28/13 19:07	3100732
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 16:04	10/28/13 19:07	3100732
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	92 %		80-120				1868-53-7	10/28/13 16:04	10/28/13 19:07	3100732
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	101 %		78-120				17060-07-0	10/28/13 16:04	10/28/13 19:07	3100732
Surr: Toluene-d8	EPA 8260B	EPA 5030B	100 %		80-120				2037-26-5	10/28/13 16:04	10/28/13 19:07	3100732
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	106 %		80-120				460-00-4	10/28/13 16:04	10/28/13 19:07	3100732
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 16:04	10/28/13 19:07	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW10
Lab No: AWJ0840-23
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:48
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	138	1	1	umhos/cm		1	COND	10/23/13 10:48	10/23/13 10:48	3100716
Dissolved Oxygen	SM 4500-O G	NA	2390	0.0	1	ug/L		0.0	NA	10/23/13 10:48	10/23/13 10:48	3100716
Field - pH	EPA 9040C	NA	5.96		1	pH Units			PH	10/23/13 10:48	10/23/13 10:48	3100716
Field - Temperature	SM 2550 B	NA	17.2		1	°C			TEMP	10/23/13 10:48	10/23/13 10:48	3100716
Field - Turbidity	EPA 180.1	NA	2.29		1	NTU			TURB	10/23/13 10:48	10/23/13 10:48	3100716
Field - Water Level	NA	NA	22.13		1	feet			WL	10/23/13 10:48	10/23/13 10:48	3100716
Field - Well Depth	NA	NA	26.32		1	feet				10/23/13 10:48	10/23/13 10:48	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 19:07	3100755
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/30/13 09:15	10/31/13 19:07	3100755
Barium	EPA 6020A	EPA 3005A	35.6	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 19:07	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 19:07	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 19:07	3100755
Chromium	EPA 6020A	EPA 3005A	3.05	10.0	1	ug/L	J	0.58	7440-47-3	10/30/13 09:15	10/31/13 19:07	3100755
Cobalt	EPA 6020A	EPA 3005A	0.73	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 19:07	3100755
Copper	EPA 6020A	EPA 3005A	0.64	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 19:07	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 19:07	3100755
Nickel	EPA 6020A	EPA 3005A	3.25	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 19:07	3100755
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 09:15	10/31/13 19:07	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 19:07	3100755
Thallium	EPA 6020A	EPA 3005A	0.13	5.50	1	ug/L	J	0.06	7440-28-0	10/30/13 09:15	10/31/13 19:07	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW10
Lab No: AWJ0840-23
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:48
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	4.10	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 19:07	3100755
Zinc	EPA 6020A	EPA 3005A	2.60	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 19:07	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 16:27	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 19:07	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 16:04	10/28/13 19:35	3100732
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 16:04	10/28/13 19:35	3100732
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 16:04	10/28/13 19:35	3100732
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 16:04	10/28/13 19:35	3100732
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 16:04	10/28/13 19:35	3100732
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 16:04	10/28/13 19:35	3100732
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 16:04	10/28/13 19:35	3100732
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 16:04	10/28/13 19:35	3100732
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 16:04	10/28/13 19:35	3100732
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 16:04	10/28/13 19:35	3100732
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 16:04	10/28/13 19:35	3100732
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 16:04	10/28/13 19:35	3100732
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 16:04	10/28/13 19:35	3100732
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 16:04	10/28/13 19:35	3100732
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 16:04	10/28/13 19:35	3100732
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 16:04	10/28/13 19:35	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW10
Lab No: AWJ0840-23
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:48
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 16:04	10/28/13 19:35	3100732
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 16:04	10/28/13 19:35	3100732
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 16:04	10/28/13 19:35	3100732
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 16:04	10/28/13 19:35	3100732
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 16:04	10/28/13 19:35	3100732
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 16:04	10/28/13 19:35	3100732
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 16:04	10/28/13 19:35	3100732
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 16:04	10/28/13 19:35	3100732
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 16:04	10/28/13 19:35	3100732
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 16:04	10/28/13 19:35	3100732
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 16:04	10/28/13 19:35	3100732
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 16:04	10/28/13 19:35	3100732
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 16:04	10/28/13 19:35	3100732
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 16:04	10/28/13 19:35	3100732
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 16:04	10/28/13 19:35	3100732
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 16:04	10/28/13 19:35	3100732
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 16:04	10/28/13 19:35	3100732
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 16:04	10/28/13 19:35	3100732
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 16:04	10/28/13 19:35	3100732
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 16:04	10/28/13 19:35	3100732
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 16:04	10/28/13 19:35	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW10
Lab No: AWJ0840-23
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:48
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 16:04	10/28/13 19:35	3100732
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 16:04	10/28/13 19:35	3100732
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 16:04	10/28/13 19:35	3100732
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 16:04	10/28/13 19:35	3100732
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 16:04	10/28/13 19:35	3100732
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 16:04	10/28/13 19:35	3100732
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 16:04	10/28/13 19:35	3100732
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 16:04	10/28/13 19:35	3100732
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 16:04	10/28/13 19:35	3100732
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 16:04	10/28/13 19:35	3100732
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/28/13 16:04	10/28/13 19:35	3100732
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	100 %		78-120				17060-07-0	10/28/13 16:04	10/28/13 19:35	3100732
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/28/13 16:04	10/28/13 19:35	3100732
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 16:04	10/28/13 19:35	3100732
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 16:04	10/28/13 19:35	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW10A
Lab No: AWJ0840-24
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 13:17
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	223	1	1	umhos/cm		1	COND	10/23/13 13:17	10/23/13 13:17	3100716
Dissolved Oxygen	SM 4500-O G	NA	2130	0.0	1	ug/L		0.0	NA	10/23/13 13:17	10/23/13 13:17	3100716
Field - pH	EPA 9040C	NA	6.46		1	pH Units			PH	10/23/13 13:17	10/23/13 13:17	3100716
Field - Temperature	SM 2550 B	NA	18.1		1	°C			TEMP	10/23/13 13:17	10/23/13 13:17	3100716
Field - Turbidity	EPA 180.1	NA	1.13		1	NTU			TURB	10/23/13 13:17	10/23/13 13:17	3100716
Field - Water Level	NA	NA	22.66		1	feet			WL	10/23/13 13:17	10/23/13 13:17	3100716
Field - Well Depth	NA	NA	41.65		1	feet				10/23/13 13:17	10/23/13 13:17	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 19:13	3100755
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/30/13 09:15	10/31/13 19:13	3100755
Barium	EPA 6020A	EPA 3005A	34.0	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 19:13	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 19:13	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 19:13	3100755
Chromium	EPA 6020A	EPA 3005A	1.30	10.0	1	ug/L	J	0.58	7440-47-3	10/30/13 09:15	10/31/13 19:13	3100755
Cobalt	EPA 6020A	EPA 3005A	0.37	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 19:13	3100755
Copper	EPA 6020A	EPA 3005A	1.15	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 19:13	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 19:13	3100755
Nickel	EPA 6020A	EPA 3005A	2.06	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 19:13	3100755
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 09:15	10/31/13 19:13	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 19:13	3100755
Thallium	EPA 6020A	EPA 3005A	0.08	5.50	1	ug/L	J	0.06	7440-28-0	10/30/13 09:15	10/31/13 19:13	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW10A
Lab No: AWJ0840-24
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 13:17
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	4.59	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 19:13	3100755
Zinc	EPA 6020A	EPA 3005A	5.34	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 19:13	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 16:29	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 19:13	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/28/13 16:04	10/28/13 20:02	3100732
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 16:04	10/28/13 20:02	3100732
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 16:04	10/28/13 20:02	3100732
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 16:04	10/28/13 20:02	3100732
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 16:04	10/28/13 20:02	3100732
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 16:04	10/28/13 20:02	3100732
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 16:04	10/28/13 20:02	3100732
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 16:04	10/28/13 20:02	3100732
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 16:04	10/28/13 20:02	3100732
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 16:04	10/28/13 20:02	3100732
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 16:04	10/28/13 20:02	3100732
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 16:04	10/28/13 20:02	3100732
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 16:04	10/28/13 20:02	3100732
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/28/13 16:04	10/28/13 20:02	3100732
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 16:04	10/28/13 20:02	3100732
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 16:04	10/28/13 20:02	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW10A
Lab No: AWJ0840-24
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 13:17
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 16:04	10/28/13 20:02	3100732
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 16:04	10/28/13 20:02	3100732
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/28/13 16:04	10/28/13 20:02	3100732
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 16:04	10/28/13 20:02	3100732
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 16:04	10/28/13 20:02	3100732
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 16:04	10/28/13 20:02	3100732
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 16:04	10/28/13 20:02	3100732
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 16:04	10/28/13 20:02	3100732
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 16:04	10/28/13 20:02	3100732
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 16:04	10/28/13 20:02	3100732
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 16:04	10/28/13 20:02	3100732
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 16:04	10/28/13 20:02	3100732
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 16:04	10/28/13 20:02	3100732
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 16:04	10/28/13 20:02	3100732
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 16:04	10/28/13 20:02	3100732
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 16:04	10/28/13 20:02	3100732
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/28/13 16:04	10/28/13 20:02	3100732
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/28/13 16:04	10/28/13 20:02	3100732
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 16:04	10/28/13 20:02	3100732
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 16:04	10/28/13 20:02	3100732
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/28/13 16:04	10/28/13 20:02	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW10A
Lab No: AWJ0840-24
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 13:17
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 16:04	10/28/13 20:02	3100732
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/28/13 16:04	10/28/13 20:02	3100732
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 16:04	10/28/13 20:02	3100732
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 16:04	10/28/13 20:02	3100732
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 16:04	10/28/13 20:02	3100732
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 16:04	10/28/13 20:02	3100732
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 16:04	10/28/13 20:02	3100732
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 16:04	10/28/13 20:02	3100732
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 16:04	10/28/13 20:02	3100732
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/28/13 16:04	10/28/13 20:02	3100732
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	95 %		80-120				1868-53-7	10/28/13 16:04	10/28/13 20:02	3100732
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	102 %		78-120				17060-07-0	10/28/13 16:04	10/28/13 20:02	3100732
Surr: Toluene-d8	EPA 8260B	EPA 5030B	100 %		80-120				2037-26-5	10/28/13 16:04	10/28/13 20:02	3100732
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	105 %		80-120				460-00-4	10/28/13 16:04	10/28/13 20:02	3100732
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/28/13 16:04	10/28/13 20:02	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW12
Lab No: AWJ0840-25
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	462	1	1	umhos/cm		1	COND	10/22/13 10:02	10/22/13 10:02	3100716
Dissolved Oxygen	SM 4500-O G	NA	2280	0.0	1	ug/L		0.0	NA	10/22/13 10:02	10/22/13 10:02	3100716
Field - pH	EPA 9040C	NA	6.18		1	pH Units			PH	10/22/13 10:02	10/22/13 10:02	3100716
Field - Temperature	SM 2550 B	NA	17.6		1	°C			TEMP	10/22/13 10:02	10/22/13 10:02	3100716
Field - Turbidity	EPA 180.1	NA	4.58		1	NTU			TURB	10/22/13 10:02	10/22/13 10:02	3100716
Field - Water Level	NA	NA	13.41		1	feet			WL	10/22/13 10:02	10/22/13 10:02	3100716
Field - Well Depth	NA	NA	26.50		1	feet				10/22/13 10:02	10/22/13 10:02	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 19:29	3100755
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/30/13 09:15	10/31/13 19:29	3100755
Barium	EPA 6020A	EPA 3005A	17.2	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 19:29	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 19:29	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 19:29	3100755
Chromium	EPA 6020A	EPA 3005A	5.34	10.0	1	ug/L	J	0.58	7440-47-3	10/30/13 09:15	10/31/13 19:29	3100755
Cobalt	EPA 6020A	EPA 3005A	28.9	10.0	1	ug/L		0.12	7440-48-4	10/30/13 09:15	10/31/13 19:29	3100755
Copper	EPA 6020A	EPA 3005A	0.97	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 19:29	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 19:29	3100755
Nickel	EPA 6020A	EPA 3005A	6.09	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 19:29	3100755
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 09:15	10/31/13 19:29	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 19:29	3100755
Thallium	EPA 6020A	EPA 3005A	0.16	5.50	1	ug/L	J	0.06	7440-28-0	10/30/13 09:15	10/31/13 19:29	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW12
Lab No: AWJ0840-25
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	8.07	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 19:29	3100755
Zinc	EPA 6020A	EPA 3005A	0.90	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 19:29	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 16:32	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 19:29	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 10:29	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 10:29	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 10:29	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 10:29	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 10:29	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 10:29	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 10:29	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 10:29	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 10:29	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 10:29	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 10:29	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 10:29	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 10:29	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 10:29	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 10:29	3100737
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 10:29	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW12
Lab No: AWJ0840-25
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 10:29	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 10:29	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 10:29	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 10:29	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 10:29	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 10:29	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 10:29	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 10:29	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 10:29	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 10:29	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 10:29	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 10:29	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 10:29	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 10:29	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 10:29	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 10:29	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 10:29	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 10:29	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 10:29	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 10:29	3100737
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 10:29	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW12
Lab No: AWJ0840-25
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 10:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 10:29	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 10:29	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 10:29	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 10:29	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 10:29	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 10:29	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 10:29	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 10:29	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 10:29	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 10:29	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 10:29	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	102 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 10:29	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	100 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 10:29	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	105 %		80-120				460-00-4	10/29/13 10:00	10/29/13 10:29	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 10:29	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW15
Lab No: AWJ0840-26
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 09:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	574	1	1	umhos/cm		1	COND	10/22/13 09:02	10/22/13 09:02	3100716
Dissolved Oxygen	SM 4500-O G	NA	1130	0.0	1	ug/L		0.0	NA	10/22/13 09:02	10/22/13 09:02	3100716
Field - pH	EPA 9040C	NA	6.55		1	pH Units			PH	10/22/13 09:02	10/22/13 09:02	3100716
Field - Temperature	SM 2550 B	NA	18.6		1	°C			TEMP	10/22/13 09:02	10/22/13 09:02	3100716
Field - Turbidity	EPA 180.1	NA	1.43		1	NTU			TURB	10/22/13 09:02	10/22/13 09:02	3100716
Field - Water Level	NA	NA	8.31		1	feet			WL	10/22/13 09:02	10/22/13 09:02	3100716
Field - Well Depth	NA	NA	15.03		1	feet				10/22/13 09:02	10/22/13 09:02	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 19:35	3100755
Arsenic	EPA 6020A	EPA 3005A	0.97	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 09:15	10/31/13 19:35	3100755
Barium	EPA 6020A	EPA 3005A	45.4	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 19:35	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 19:35	3100755
Cadmium	EPA 6020A	EPA 3005A	0.06	1.00	1	ug/L	J	0.06	7440-43-9	10/30/13 09:15	10/31/13 19:35	3100755
Chromium	EPA 6020A	EPA 3005A	1.27	10.0	1	ug/L	J	0.58	7440-47-3	10/30/13 09:15	10/31/13 19:35	3100755
Cobalt	EPA 6020A	EPA 3005A	0.81	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 19:35	3100755
Copper	EPA 6020A	EPA 3005A	4.30	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 19:35	3100755
Lead	EPA 6020A	EPA 3005A	0.10	10.0	1	ug/L	J	0.05	7439-92-1	10/30/13 09:15	10/31/13 19:35	3100755
Nickel	EPA 6020A	EPA 3005A	12.1	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 19:35	3100755
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 09:15	10/31/13 19:35	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 19:35	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW15
Lab No: AWJ0840-26
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 09:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	0.09	5.50	1	ug/L	J	0.06	7440-28-0	10/30/13 09:15	10/31/13 19:35	3100755
Vanadium	EPA 6020A	EPA 3005A	15.3	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 19:35	3100755
Zinc	EPA 6020A	EPA 3005A	5.54	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 19:35	3100755
Mercury	EPA 7470A	EPA 7470A	0.075	0.200	1	ug/L	J	0.061	7439-97-6	10/31/13 14:50	11/01/13 16:34	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 19:35	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 10:57	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 10:57	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 10:57	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 10:57	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 10:57	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 10:57	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 10:57	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 10:57	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 10:57	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 10:57	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 10:57	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 10:57	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 10:57	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 10:57	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 10:57	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW15
Lab No: AWJ0840-26
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 09:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 10:57	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 10:57	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 10:57	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 10:57	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 10:57	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 10:57	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 10:57	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 10:57	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 10:57	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 10:57	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 10:57	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 10:57	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 10:57	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 10:57	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 10:57	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 10:57	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 10:57	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 10:57	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 10:57	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 10:57	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 10:57	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW15
Lab No: AWJ0840-26
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 09:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 10:57	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 10:57	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 10:57	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 10:57	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 10:57	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 10:57	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 10:57	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 10:57	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 10:57	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 10:57	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 10:57	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 10:57	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	102 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 10:57	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 10:57	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/29/13 10:00	10/29/13 10:57	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 10:57	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW20AR
Lab No: AWJ0840-27
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 15:18
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	824	1	1	umhos/cm		1	COND	10/23/13 15:18	10/23/13 15:18	3100716
Dissolved Oxygen	SM 4500-O G	NA	3150	0.0	1	ug/L		0.0	NA	10/23/13 15:18	10/23/13 15:18	3100716
Field - pH	EPA 9040C	NA	6.12		1	pH Units			PH	10/23/13 15:18	10/23/13 15:18	3100716
Field - Temperature	SM 2550 B	NA	17.8		1	°C			TEMP	10/23/13 15:18	10/23/13 15:18	3100716
Field - Turbidity	EPA 180.1	NA	0.83		1	NTU			TURB	10/23/13 15:18	10/23/13 15:18	3100716
Field - Water Level	NA	NA	10.77		1	feet			WL	10/23/13 15:18	10/23/13 15:18	3100716
Field - Well Depth	NA	NA	19.70		1	feet				10/23/13 15:18	10/23/13 15:18	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 19:41	3100755
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/30/13 09:15	10/31/13 19:41	3100755
Barium	EPA 6020A	EPA 3005A	281	100	1	ug/L		0.25	7440-39-3	10/30/13 09:15	10/31/13 19:41	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 19:41	3100755
Cadmium	EPA 6020A	EPA 3005A	0.12	1.00	1	ug/L	J	0.06	7440-43-9	10/30/13 09:15	10/31/13 19:41	3100755
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/30/13 09:15	10/31/13 19:41	3100755
Cobalt	EPA 6020A	EPA 3005A	1.40	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 19:41	3100755
Copper	EPA 6020A	EPA 3005A	1.78	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 19:41	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 19:41	3100755
Nickel	EPA 6020A	EPA 3005A	27.4	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 19:41	3100755
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 09:15	10/31/13 19:41	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 19:41	3100755
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 19:41	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW20AR
Lab No: AWJ0840-27
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 15:18
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	2.64	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 19:41	3100755
Zinc	EPA 6020A	EPA 3005A	16.1	10.0	1	ug/L		0.87	7440-66-6	10/30/13 09:15	10/31/13 19:41	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	10/31/13 14:50	11/01/13 16:36	3100799
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 19:41	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 11:25	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 11:25	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 11:25	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 11:25	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 11:25	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 11:25	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 11:25	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 11:25	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 11:25	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 11:25	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 11:25	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 11:25	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 11:25	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 11:25	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 11:25	3100737
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 11:25	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW20AR
Lab No: AWJ0840-27
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 15:18
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 11:25	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 11:25	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 11:25	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 11:25	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.7	5.0	1	ug/L	J	0.4	75-34-3	10/29/13 10:00	10/29/13 11:25	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 11:25	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 11:25	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 11:25	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 11:25	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 11:25	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 11:25	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 11:25	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 11:25	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 11:25	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 11:25	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 11:25	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 11:25	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 11:25	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 11:25	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 11:25	3100737
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 11:25	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW20AR
Lab No: AWJ0840-27
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 15:18
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 11:25	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 11:25	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 11:25	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 11:25	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 11:25	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 11:25	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 11:25	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 11:25	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 11:25	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 11:25	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 11:25	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	102 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 11:25	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	100 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 11:25	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	105 %		80-120				460-00-4	10/29/13 10:00	10/29/13 11:25	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 11:25	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW20B
Lab No: AWJ0840-28
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:09
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	925	1	1	umhos/cm		1	COND	10/24/13 10:09	10/24/13 10:09	3100716
Dissolved Oxygen	SM 4500-O G	NA	3250	0.0	1	ug/L		0.0	NA	10/24/13 10:09	10/24/13 10:09	3100716
Field - pH	EPA 9040C	NA	6.24		1	pH Units			PH	10/24/13 10:09	10/24/13 10:09	3100716
Field - Temperature	SM 2550 B	NA	17.8		1	°C			TEMP	10/24/13 10:09	10/24/13 10:09	3100716
Field - Turbidity	EPA 180.1	NA	0.38		1	NTU			TURB	10/24/13 10:09	10/24/13 10:09	3100716
Field - Water Level	NA	NA	6.07		1	feet			WL	10/24/13 10:09	10/24/13 10:09	3100716
Field - Well Depth	NA	NA	60.00		1	feet				10/24/13 10:09	10/24/13 10:09	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 19:47	3100755
Arsenic	EPA 6020A	EPA 3005A	1.74	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 09:15	10/31/13 19:47	3100755
Barium	EPA 6020A	EPA 3005A	524	100	1	ug/L		0.25	7440-39-3	10/30/13 09:15	10/31/13 19:47	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 19:47	3100755
Cadmium	EPA 6020A	EPA 3005A	1.02	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 19:47	3100755
Chromium	EPA 6020A	EPA 3005A	1.36	10.0	1	ug/L	J	0.58	7440-47-3	10/30/13 09:15	10/31/13 19:47	3100755
Cobalt	EPA 6020A	EPA 3005A	2.25	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 19:47	3100755
Copper	EPA 6020A	EPA 3005A	2.41	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 19:47	3100755
Lead	EPA 6020A	EPA 3005A	0.09	10.0	1	ug/L	J	0.05	7439-92-1	10/30/13 09:15	10/31/13 19:47	3100755
Nickel	EPA 6020A	EPA 3005A	31.4	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 19:47	3100755
Selenium	EPA 6020A	EPA 3005A	2.13	10.0	1	ug/L	J	0.77	7782-49-2	10/30/13 09:15	10/31/13 19:47	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 19:47	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW20B
Lab No: AWJ0840-28
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:09
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 19:47	3100755
Vanadium	EPA 6020A	EPA 3005A	4.55	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 19:47	3100755
Zinc	EPA 6020A	EPA 3005A	21.2	10.0	1	ug/L		0.87	7440-66-6	10/30/13 09:15	10/31/13 19:47	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/01/13 13:40	11/04/13 14:31	3110004
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 19:47	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 11:54	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 11:54	3100737
Benzene	EPA 8260B	EPA 5030B	0.5	1.0	1	ug/L	J	0.3	71-43-2	10/29/13 10:00	10/29/13 11:54	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 11:54	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 11:54	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 11:54	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 11:54	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 11:54	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 11:54	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	0.5	3.0	1	ug/L	J	0.3	108-90-7	10/29/13 10:00	10/29/13 11:54	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 11:54	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 11:54	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 11:54	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 11:54	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 11:54	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW20B
Lab No: AWJ0840-28
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:09
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 11:54	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 11:54	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 11:54	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	1.3	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 11:54	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 11:54	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	4.5	5.0	1	ug/L	J	0.4	75-34-3	10/29/13 10:00	10/29/13 11:54	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 11:54	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 11:54	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	3.3	5.0	1	ug/L	J	0.4	156-59-2	10/29/13 10:00	10/29/13 11:54	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 11:54	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 11:54	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 11:54	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 11:54	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 11:54	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 11:54	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 11:54	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 11:54	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 11:54	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 11:54	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 11:54	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 11:54	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW20B
Lab No: AWJ0840-28
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 10:09
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 11:54	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 11:54	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 11:54	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 11:54	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 11:54	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 11:54	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 11:54	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 11:54	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 11:54	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 11:54	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 11:54	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	95 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 11:54	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 11:54	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	100 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 11:54	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/29/13 10:00	10/29/13 11:54	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 11:54	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW21
Lab No: AWJ0840-29
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 14:25
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	621	1	1	umhos/cm		1	COND	10/23/13 14:25	10/23/13 14:25	3100716
Dissolved Oxygen	SM 4500-O G	NA	3210	0.0	1	ug/L		0.0	NA	10/23/13 14:25	10/23/13 14:25	3100716
Field - pH	EPA 9040C	NA	6.51		1	pH Units			PH	10/23/13 14:25	10/23/13 14:25	3100716
Field - Temperature	SM 2550 B	NA	19.3		1	°C			TEMP	10/23/13 14:25	10/23/13 14:25	3100716
Field - Turbidity	EPA 180.1	NA	14.0		1	NTU			TURB	10/23/13 14:25	10/23/13 14:25	3100716
Field - Water Level	NA	NA	15.59		1	feet			WL	10/23/13 14:25	10/23/13 14:25	3100716
Field - Well Depth	NA	NA	20.00		1	feet				10/23/13 14:25	10/23/13 14:25	3100716
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 12:22	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 12:22	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 12:22	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 12:22	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 12:22	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 12:22	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 12:22	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 12:22	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 12:22	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 12:22	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 12:22	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 12:22	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 12:22	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW21
Lab No: AWJ0840-29
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 14:25
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 12:22	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 12:22	3100737
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 12:22	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 12:22	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 12:22	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 12:22	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 12:22	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 12:22	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 12:22	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 12:22	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 12:22	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 12:22	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 12:22	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 12:22	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 12:22	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 12:22	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 12:22	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 12:22	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 12:22	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 12:22	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 12:22	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW21
Lab No: AWJ0840-29
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 14:25
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 12:22	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 12:22	3100737
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 12:22	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 12:22	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 12:22	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 12:22	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 12:22	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 12:22	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 12:22	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 12:22	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 12:22	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 12:22	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 12:22	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 12:22	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	102 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 12:22	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	98 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 12:22	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	105 %		80-120				460-00-4	10/29/13 10:00	10/29/13 12:22	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 12:22	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW21
Lab No: AWJ0840-30
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 08:17
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Turbidity	EPA 180.1	NA	2.70		1	NTU			TURB	10/24/13 08:17	10/24/13 08:17	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.27	6.00	1	ug/L	J	0.22	7440-36-0	10/30/13 09:15	10/31/13 19:53	3100755
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/30/13 09:15	10/31/13 19:53	3100755
Barium	EPA 6020A	EPA 3005A	69.8	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 19:53	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 19:53	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 19:53	3100755
Chromium	EPA 6020A	EPA 3005A	27.5	10.0	1	ug/L		0.58	7440-47-3	10/30/13 09:15	10/31/13 19:53	3100755
Cobalt	EPA 6020A	EPA 3005A	61.8	10.0	1	ug/L		0.12	7440-48-4	10/30/13 09:15	10/31/13 19:53	3100755
Copper	EPA 6020A	EPA 3005A	41.2	10.0	1	ug/L		0.38	7440-50-8	10/30/13 09:15	10/31/13 19:53	3100755
Lead	EPA 6020A	EPA 3005A	0.67	10.0	1	ug/L	J	0.05	7439-92-1	10/30/13 09:15	10/31/13 19:53	3100755
Nickel	EPA 6020A	EPA 3005A	37.2	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 19:53	3100755
Selenium	EPA 6020A	EPA 3005A	1.98	10.0	1	ug/L	J	0.77	7782-49-2	10/30/13 09:15	10/31/13 19:53	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 19:53	3100755
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 19:53	3100755
Vanadium	EPA 6020A	EPA 3005A	6.23	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 19:53	3100755
Zinc	EPA 6020A	EPA 3005A	21.4	10.0	1	ug/L		0.87	7440-66-6	10/30/13 09:15	10/31/13 19:53	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/01/13 13:40	11/04/13 14:33	3110004
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 19:53	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW22
Lab No: AWJ0840-31
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 09:16
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	1650	1	1	umhos/cm		1	COND	10/23/13 09:16	10/23/13 09:16	3100716
Dissolved Oxygen	SM 4500-O G	NA	1840	0.0	1	ug/L		0.0	NA	10/23/13 09:16	10/23/13 09:16	3100716
Field - pH	EPA 9040C	NA	6.52		1	pH Units			PH	10/23/13 09:16	10/23/13 09:16	3100716
Field - Temperature	SM 2550 B	NA	23.4		1	°C			TEMP	10/23/13 09:16	10/23/13 09:16	3100716
Field - Turbidity	EPA 180.1	NA	106		1	NTU			TURB	10/23/13 09:16	10/23/13 09:16	3100716
Field - Water Level	NA	NA	7.39		1	feet			WL	10/23/13 09:16	10/23/13 09:16	3100716
Field - Well Depth	NA	NA	14.40		1	feet				10/23/13 09:16	10/23/13 09:16	3100716
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 12:50	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 12:50	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 12:50	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 12:50	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 12:50	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 12:50	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 12:50	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 12:50	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 12:50	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 12:50	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 12:50	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 12:50	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 12:50	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW22
Lab No: AWJ0840-31
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 09:16
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 12:50	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 12:50	3100737
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 12:50	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 12:50	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 12:50	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 12:50	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 12:50	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 12:50	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 12:50	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 12:50	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 12:50	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 12:50	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 12:50	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 12:50	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 12:50	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 12:50	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 12:50	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 12:50	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 12:50	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 12:50	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 12:50	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW22
Lab No: AWJ0840-31
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 09:16
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 12:50	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 12:50	3100737
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 12:50	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 12:50	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 12:50	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 12:50	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 12:50	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 12:50	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 12:50	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 12:50	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 12:50	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 12:50	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 12:50	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 12:50	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 12:50	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 12:50	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/29/13 10:00	10/29/13 12:50	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 12:50	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW22A
Lab No: AWJ0840-32
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:05
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	1530	1	1	umhos/cm		1	COND	10/23/13 10:05	10/23/13 10:05	3100716
Dissolved Oxygen	SM 4500-O G	NA	2510	0.0	1	ug/L		0.0	NA	10/23/13 10:05	10/23/13 10:05	3100716
Field - pH	EPA 9040C	NA	6.20		1	pH Units			PH	10/23/13 10:05	10/23/13 10:05	3100716
Field - Temperature	SM 2550 B	NA	19.8		1	°C			TEMP	10/23/13 10:05	10/23/13 10:05	3100716
Field - Turbidity	EPA 180.1	NA	0.99		1	NTU			TURB	10/23/13 10:05	10/23/13 10:05	3100716
Field - Water Level	NA	NA	7.21		1	feet			WL	10/23/13 10:05	10/23/13 10:05	3100716
Field - Well Depth	NA	NA	27.10		1	feet				10/23/13 10:05	10/23/13 10:05	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 19:59	3100755
Arsenic	EPA 6020A	EPA 3005A	1.98	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 09:15	10/31/13 19:59	3100755
Barium	EPA 6020A	EPA 3005A	37.6	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 19:59	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 19:59	3100755
Cadmium	EPA 6020A	EPA 3005A	0.21	1.00	1	ug/L	J	0.06	7440-43-9	10/30/13 09:15	10/31/13 19:59	3100755
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/30/13 09:15	10/31/13 19:59	3100755
Cobalt	EPA 6020A	EPA 3005A	10.9	10.0	1	ug/L		0.12	7440-48-4	10/30/13 09:15	10/31/13 19:59	3100755
Copper	EPA 6020A	EPA 3005A	9.01	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 19:59	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 19:59	3100755
Nickel	EPA 6020A	EPA 3005A	82.6	50.0	1	ug/L		0.41	7440-02-0	10/30/13 09:15	10/31/13 19:59	3100755
Selenium	EPA 6020A	EPA 3005A	6.51	10.0	1	ug/L	J	0.77	7782-49-2	10/30/13 09:15	10/31/13 19:59	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 19:59	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW22A
Lab No: AWJ0840-32
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:05
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 19:59	3100755
Vanadium	EPA 6020A	EPA 3005A	3.92	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 19:59	3100755
Zinc	EPA 6020A	EPA 3005A	5.42	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 19:59	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/01/13 13:40	11/04/13 14:35	3110004
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 19:59	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 13:17	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 13:17	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 13:17	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 13:17	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 13:17	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 13:17	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 13:17	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 13:17	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 13:17	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	1.2	3.0	1	ug/L	J	0.3	108-90-7	10/29/13 10:00	10/29/13 13:17	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 13:17	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 13:17	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 13:17	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 13:17	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 13:17	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW22A
Lab No: AWJ0840-32
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:05
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 13:17	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 13:17	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 13:17	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	0.7	1.0	1	ug/L	J	0.4	106-46-7	10/29/13 10:00	10/29/13 13:17	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 13:17	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 13:17	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 13:17	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 13:17	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 13:17	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 13:17	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 13:17	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 13:17	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 13:17	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 13:17	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 13:17	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 13:17	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 13:17	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	5.8	100	1	ug/L	J	0.8	78-93-3	10/29/13 10:00	10/29/13 13:17	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 13:17	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 13:17	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 13:17	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW22A
Lab No: AWJ0840-32
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/23/13 10:05
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 13:17	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 13:17	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 13:17	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 13:17	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 13:17	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 13:17	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 13:17	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 13:17	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 13:17	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 13:17	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 13:17	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	96 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 13:17	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 13:17	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 13:17	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/29/13 10:00	10/29/13 13:17	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 13:17	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW24
Lab No: AWJ0840-33
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 11:10
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	757	1	1	umhos/cm		1	COND	10/24/13 11:10	10/24/13 11:10	3100716
Dissolved Oxygen	SM 4500-O G	NA	2320	0.0	1	ug/L		0.0	NA	10/24/13 11:10	10/24/13 11:10	3100716
Field - pH	EPA 9040C	NA	8.20		1	pH Units			PH	10/24/13 11:10	10/24/13 11:10	3100716
Field - Temperature	SM 2550 B	NA	18.6		1	°C			TEMP	10/24/13 11:10	10/24/13 11:10	3100716
Field - Turbidity	EPA 180.1	NA	0.81		1	NTU			TURB	10/24/13 11:10	10/24/13 11:10	3100716
Field - Water Level	NA	NA	12.25		1	feet			WL	10/24/13 11:10	10/24/13 11:10	3100716
Field - Well Depth	NA	NA	32.47		1	feet				10/24/13 11:10	10/24/13 11:10	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.26	6.00	1	ug/L	J	0.22	7440-36-0	10/30/13 09:15	10/31/13 20:05	3100755
Arsenic	EPA 6020A	EPA 3005A	1.41	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 09:15	10/31/13 20:05	3100755
Barium	EPA 6020A	EPA 3005A	129	100	1	ug/L		0.25	7440-39-3	10/30/13 09:15	10/31/13 20:05	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 20:05	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 20:05	3100755
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/30/13 09:15	10/31/13 20:05	3100755
Cobalt	EPA 6020A	EPA 3005A	0.57	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 20:05	3100755
Copper	EPA 6020A	EPA 3005A	0.85	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 20:05	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 20:05	3100755
Nickel	EPA 6020A	EPA 3005A	4.52	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 20:05	3100755
Selenium	EPA 6020A	EPA 3005A	1.45	10.0	1	ug/L	J	0.77	7782-49-2	10/30/13 09:15	10/31/13 20:05	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 20:05	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW24
Lab No: AWJ0840-33
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 11:10
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 20:05	3100755
Vanadium	EPA 6020A	EPA 3005A	4.48	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 20:05	3100755
Zinc	EPA 6020A	EPA 3005A	1.12	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 20:05	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/01/13 13:40	11/04/13 14:38	3110004
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 20:05	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 13:45	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 13:45	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 13:45	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 13:45	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 13:45	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 13:45	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 13:45	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 13:45	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 13:45	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 13:45	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 13:45	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 13:45	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 13:45	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 13:45	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 13:45	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW24
Lab No: AWJ0840-33
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 11:10
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 13:45	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 13:45	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 13:45	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 13:45	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 13:45	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 13:45	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 13:45	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 13:45	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 13:45	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 13:45	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 13:45	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 13:45	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 13:45	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 13:45	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 13:45	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 13:45	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 13:45	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 13:45	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 13:45	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 13:45	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 13:45	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW24
Lab No: AWJ0840-33
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 11:10
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 13:45	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 13:45	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 13:45	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 13:45	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 13:45	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 13:45	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 13:45	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 13:45	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 13:45	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 13:45	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 13:45	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 13:45	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	103 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 13:45	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	98 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 13:45	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/29/13 10:00	10/29/13 13:45	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 13:45	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW25
Lab No: AWJ0840-34
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:38
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	1480	1	1	umhos/cm		1	COND	10/22/13 14:38	10/22/13 14:38	3100716
Dissolved Oxygen	SM 4500-O G	NA	1600	0.0	1	ug/L		0.0	NA	10/22/13 14:38	10/22/13 14:38	3100716
Field - pH	EPA 9040C	NA	5.99		1	pH Units			PH	10/22/13 14:38	10/22/13 14:38	3100716
Field - Temperature	SM 2550 B	NA	23.0		1	°C			TEMP	10/22/13 14:38	10/22/13 14:38	3100716
Field - Turbidity	EPA 180.1	NA	5.33		1	NTU			TURB	10/22/13 14:38	10/22/13 14:38	3100716
Field - Water Level	NA	NA	7.62		1	feet			WL	10/22/13 14:38	10/22/13 14:38	3100716
Field - Well Depth	NA	NA	23.00		1	feet				10/22/13 14:38	10/22/13 14:38	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 20:11	3100755
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/30/13 09:15	10/31/13 20:11	3100755
Barium	EPA 6020A	EPA 3005A	115	100	1	ug/L		0.25	7440-39-3	10/30/13 09:15	10/31/13 20:11	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 20:11	3100755
Cadmium	EPA 6020A	EPA 3005A	0.18	1.00	1	ug/L	J	0.06	7440-43-9	10/30/13 09:15	10/31/13 20:11	3100755
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/30/13 09:15	10/31/13 20:11	3100755
Cobalt	EPA 6020A	EPA 3005A	11.6	10.0	1	ug/L		0.12	7440-48-4	10/30/13 09:15	10/31/13 20:11	3100755
Copper	EPA 6020A	EPA 3005A	2.64	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 20:11	3100755
Lead	EPA 6020A	EPA 3005A	0.10	10.0	1	ug/L	J	0.05	7439-92-1	10/30/13 09:15	10/31/13 20:11	3100755
Nickel	EPA 6020A	EPA 3005A	24.6	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 20:11	3100755
Selenium	EPA 6020A	EPA 3005A	1.68	10.0	1	ug/L	J	0.77	7782-49-2	10/30/13 09:15	10/31/13 20:11	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 20:11	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW25
Lab No: AWJ0840-34
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:38
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 20:11	3100755
Vanadium	EPA 6020A	EPA 3005A	7.24	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 20:11	3100755
Zinc	EPA 6020A	EPA 3005A	6.01	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 20:11	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/01/13 13:40	11/04/13 14:45	3110004
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 20:11	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 14:13	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 14:13	3100737
Benzene	EPA 8260B	EPA 5030B	0.5	1.0	1	ug/L	J	0.3	71-43-2	10/29/13 10:00	10/29/13 14:13	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 14:13	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 14:13	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 14:13	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 14:13	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 14:13	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 14:13	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	1.4	3.0	1	ug/L	J	0.3	108-90-7	10/29/13 10:00	10/29/13 14:13	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 14:13	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 14:13	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 14:13	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 14:13	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 14:13	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW25
Lab No: AWJ0840-34
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:38
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 14:13	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 14:13	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 14:13	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	13	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 14:13	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 14:13	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.9	5.0	1	ug/L	J	0.4	75-34-3	10/29/13 10:00	10/29/13 14:13	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 14:13	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 14:13	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	4.2	5.0	1	ug/L	J	0.4	156-59-2	10/29/13 10:00	10/29/13 14:13	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 14:13	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 14:13	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 14:13	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 14:13	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 14:13	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 14:13	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 14:13	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 14:13	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 14:13	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 14:13	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 14:13	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 14:13	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW25
Lab No: AWJ0840-34
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 14:38
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 14:13	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 14:13	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 14:13	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 14:13	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 14:13	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 14:13	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 14:13	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 14:13	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 14:13	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	1.2	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 14:13	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 14:13	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	95 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 14:13	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	103 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 14:13	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	100 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 14:13	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/29/13 10:00	10/29/13 14:13	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 14:13	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW30R
Lab No: AWJ0840-35
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:03
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	233	1	1	umhos/cm		1	COND	10/24/13 13:03	10/24/13 13:03	3100716
Dissolved Oxygen	SM 4500-O G	NA	2010	0.0	1	ug/L		0.0	NA	10/24/13 13:03	10/24/13 13:03	3100716
Field - pH	EPA 9040C	NA	6.55		1	pH Units			PH	10/24/13 13:03	10/24/13 13:03	3100716
Field - Temperature	SM 2550 B	NA	17.3		1	°C			TEMP	10/24/13 13:03	10/24/13 13:03	3100716
Field - Turbidity	EPA 180.1	NA	5.46		1	NTU			TURB	10/24/13 13:03	10/24/13 13:03	3100716
Field - Water Level	NA	NA	27.40		1	feet			WL	10/24/13 13:03	10/24/13 13:03	3100716
Field - Well Depth	NA	NA	35.10		1	feet				10/24/13 13:03	10/24/13 13:03	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 20:16	3100755
Arsenic	EPA 6020A	EPA 3005A	1.16	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 09:15	10/31/13 20:16	3100755
Barium	EPA 6020A	EPA 3005A	79.6	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 20:16	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 20:16	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 20:16	3100755
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/30/13 09:15	10/31/13 20:16	3100755
Cobalt	EPA 6020A	EPA 3005A	0.38	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 20:16	3100755
Copper	EPA 6020A	EPA 3005A	5.07	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 20:16	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 20:16	3100755
Nickel	EPA 6020A	EPA 3005A	3.04	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 20:16	3100755
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 09:15	10/31/13 20:16	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 20:16	3100755
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 20:16	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW30R
Lab No: AWJ0840-35
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:03
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Vanadium	EPA 6020A	EPA 3005A	6.65	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 20:16	3100755
Zinc	EPA 6020A	EPA 3005A	5.66	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 20:16	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/01/13 13:40	11/04/13 14:47	3110004
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 20:16	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 14:41	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 14:41	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 14:41	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 14:41	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 14:41	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 14:41	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 14:41	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 14:41	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 14:41	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 14:41	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 14:41	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 14:41	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 14:41	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 14:41	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 14:41	3100737
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 14:41	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW30R
Lab No: AWJ0840-35
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:03
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 14:41	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 14:41	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 14:41	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 14:41	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 14:41	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 14:41	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 14:41	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 14:41	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 14:41	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 14:41	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 14:41	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 14:41	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 14:41	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 14:41	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 14:41	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 14:41	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 14:41	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 14:41	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 14:41	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 14:41	3100737
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 14:41	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW30R
Lab No: AWJ0840-35
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:03
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 14:41	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 14:41	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 14:41	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 14:41	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 14:41	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 14:41	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 14:41	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 14:41	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 14:41	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 14:41	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 14:41	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	105 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 14:41	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 14:41	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/29/13 10:00	10/29/13 14:41	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 14:41	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW33
Lab No: AWJ0840-36
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:32
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	147	1	1	umhos/cm		1	COND	10/24/13 13:32	10/24/13 13:32	3100716
Dissolved Oxygen	SM 4500-O G	NA	1420	0.0	1	ug/L		0.0	NA	10/24/13 13:32	10/24/13 13:32	3100716
Field - pH	EPA 9040C	NA	5.72		1	pH Units			PH	10/24/13 13:32	10/24/13 13:32	3100716
Field - Temperature	SM 2550 B	NA	16.3		1	°C			TEMP	10/24/13 13:32	10/24/13 13:32	3100716
Field - Turbidity	EPA 180.1	NA	3.30		1	NTU			TURB	10/24/13 13:32	10/24/13 13:32	3100716
Field - Water Level	NA	NA	27.73		1	feet			WL	10/24/13 13:32	10/24/13 13:32	3100716
Field - Well Depth	NA	NA	32.23		1	feet				10/24/13 13:32	10/24/13 13:32	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 20:22	3100755
Arsenic	EPA 6020A	EPA 3005A	1.02	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 09:15	10/31/13 20:22	3100755
Barium	EPA 6020A	EPA 3005A	52.3	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 20:22	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 20:22	3100755
Cadmium	EPA 6020A	EPA 3005A	0.25	1.00	1	ug/L	J	0.06	7440-43-9	10/30/13 09:15	10/31/13 20:22	3100755
Chromium	EPA 6020A	EPA 3005A	1.44	10.0	1	ug/L	J	0.58	7440-47-3	10/30/13 09:15	10/31/13 20:22	3100755
Cobalt	EPA 6020A	EPA 3005A	2.22	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 20:22	3100755
Copper	EPA 6020A	EPA 3005A	14.7	10.0	1	ug/L		0.38	7440-50-8	10/30/13 09:15	10/31/13 20:22	3100755
Lead	EPA 6020A	EPA 3005A	1.37	10.0	1	ug/L	J	0.05	7439-92-1	10/30/13 09:15	10/31/13 20:22	3100755
Nickel	EPA 6020A	EPA 3005A	4.54	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 20:22	3100755
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 09:15	10/31/13 20:22	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 20:22	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW33
Lab No: AWJ0840-36
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:32
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 20:22	3100755
Vanadium	EPA 6020A	EPA 3005A	6.29	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 20:22	3100755
Zinc	EPA 6020A	EPA 3005A	8.62	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 20:22	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/01/13 13:40	11/04/13 14:49	3110004
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 20:22	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	34	100	1	ug/L	J	1.6	67-64-1	10/29/13 10:00	10/29/13 15:09	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 15:09	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 15:09	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 15:09	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 15:09	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 15:09	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 15:09	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 15:09	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 15:09	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 15:09	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 15:09	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 15:09	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 15:09	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 15:09	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 15:09	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW33
Lab No: AWJ0840-36
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:32
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 15:09	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 15:09	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 15:09	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 15:09	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 15:09	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 15:09	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 15:09	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 15:09	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 15:09	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 15:09	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 15:09	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 15:09	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 15:09	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 15:09	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 15:09	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 15:09	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 15:09	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 15:09	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 15:09	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 15:09	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 15:09	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW33
Lab No: AWJ0840-36
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 13:32
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 15:09	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 15:09	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 15:09	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 15:09	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 15:09	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 15:09	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	0.4	1.0	1	ug/L	J	0.4	75-69-4	10/29/13 10:00	10/29/13 15:09	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 15:09	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 15:09	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 15:09	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 15:09	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 15:09	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	104 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 15:09	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 15:09	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/29/13 10:00	10/29/13 15:09	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	0.6	5.0	1	ug/L	J	0.4	75-71-8	10/29/13 10:00	10/29/13 15:09	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Duplicate
Lab No: AWJ0840-37
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 00:00
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 20:39	3100755
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.78	7440-38-2	10/30/13 09:15	10/31/13 20:39	3100755
Barium	EPA 6020A	EPA 3005A	118	100	1	ug/L		0.25	7440-39-3	10/30/13 09:15	10/31/13 20:39	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 20:39	3100755
Cadmium	EPA 6020A	EPA 3005A	0.18	1.00	1	ug/L	J	0.06	7440-43-9	10/30/13 09:15	10/31/13 20:39	3100755
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/30/13 09:15	10/31/13 20:39	3100755
Cobalt	EPA 6020A	EPA 3005A	10.2	10.0	1	ug/L		0.12	7440-48-4	10/30/13 09:15	10/31/13 20:39	3100755
Copper	EPA 6020A	EPA 3005A	1.97	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 20:39	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 20:39	3100755
Nickel	EPA 6020A	EPA 3005A	24.0	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 20:39	3100755
Selenium	EPA 6020A	EPA 3005A	1.95	10.0	1	ug/L	J	0.77	7782-49-2	10/30/13 09:15	10/31/13 20:39	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 20:39	3100755
Thallium	EPA 6020A	EPA 3005A	0.11	5.50	1	ug/L	J	0.06	7440-28-0	10/30/13 09:15	10/31/13 20:39	3100755
Vanadium	EPA 6020A	EPA 3005A	6.16	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 20:39	3100755
Zinc	EPA 6020A	EPA 3005A	3.41	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 20:39	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/01/13 13:40	11/04/13 14:52	3110004
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 20:39	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 15:37	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 15:37	3100737
Benzene	EPA 8260B	EPA 5030B	0.5	1.0	1	ug/L	J	0.3	71-43-2	10/29/13 10:00	10/29/13 15:37	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Duplicate
Lab No: AWJ0840-37
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 00:00
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 15:37	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 15:37	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 15:37	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 15:37	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 15:37	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 15:37	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	1.5	3.0	1	ug/L	J	0.3	108-90-7	10/29/13 10:00	10/29/13 15:37	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 15:37	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 15:37	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 15:37	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 15:37	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 15:37	3100737
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 15:37	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 15:37	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 15:37	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	14	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 15:37	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 15:37	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	1.0	5.0	1	ug/L	J	0.4	75-34-3	10/29/13 10:00	10/29/13 15:37	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 15:37	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 15:37	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	4.3	5.0	1	ug/L	J	0.4	156-59-2	10/29/13 10:00	10/29/13 15:37	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 15:37	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Duplicate
Lab No: AWJ0840-37
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 00:00
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 15:37	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 15:37	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 15:37	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 15:37	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 15:37	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 15:37	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 15:37	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 15:37	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 15:37	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 15:37	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 15:37	3100737
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 15:37	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 15:37	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 15:37	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 15:37	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 15:37	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 15:37	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 15:37	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 15:37	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 15:37	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	1.2	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 15:37	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Duplicate
Lab No: AWJ0840-37
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/22/13 00:00
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 15:37	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	95 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 15:37	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	103 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 15:37	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	100 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 15:37	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/29/13 10:00	10/29/13 15:37	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 15:37	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Equipment Blank
Lab No: AWJ0840-38
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/25/13 13:07
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 20:45	3100755
Arsenic	EPA 6020A	EPA 3005A	1.18	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 09:15	10/31/13 20:45	3100755
Barium	EPA 6020A	EPA 3005A	1.92	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 20:45	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 20:45	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 20:45	3100755
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/30/13 09:15	10/31/13 20:45	3100755
Cobalt	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.12	7440-48-4	10/30/13 09:15	10/31/13 20:45	3100755
Copper	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.38	7440-50-8	10/30/13 09:15	10/31/13 20:45	3100755
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 09:15	10/31/13 20:45	3100755
Nickel	EPA 6020A	EPA 3005A	ND	50.0	1	ug/L		0.41	7440-02-0	10/30/13 09:15	10/31/13 20:45	3100755
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 09:15	10/31/13 20:45	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 20:45	3100755
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 20:45	3100755
Vanadium	EPA 6020A	EPA 3005A	5.80	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 20:45	3100755
Zinc	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.87	7440-66-6	10/30/13 09:15	10/31/13 20:45	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/01/13 13:40	11/04/13 14:54	3110004
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 20:45	3100755
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 16:05	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 16:05	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 16:05	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Equipment Blank
Lab No: AWJ0840-38
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/25/13 13:07
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 16:05	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 16:05	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 16:05	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 16:05	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 16:05	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 16:05	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 16:05	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 16:05	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 16:05	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 16:05	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 16:05	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 16:05	3100737
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 16:05	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 16:05	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 16:05	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 16:05	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 16:05	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 16:05	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 16:05	3100737
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 16:05	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 16:05	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 16:05	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Equipment Blank
Lab No: AWJ0840-38
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/25/13 13:07
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 16:05	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 16:05	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 16:05	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 16:05	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 16:05	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 16:05	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 16:05	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 16:05	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 16:05	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 16:05	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 16:05	3100737
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 16:05	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 16:05	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 16:05	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 16:05	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 16:05	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 16:05	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 16:05	3100737
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 16:05	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 16:05	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 16:05	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-Equipment Blank
Lab No: AWJ0840-38
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/25/13 13:07
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 16:05	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 16:05	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	105 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 16:05	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 16:05	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/29/13 10:00	10/29/13 16:05	3100737
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-71-8	10/29/13 10:00	10/29/13 16:05	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-MW22
Lab No: AWJ0840-39
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 08:02
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Turbidity	EPA 180.1	NA	18.0		1	NTU			TURB	10/24/13 08:02	10/24/13 08:02	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.70	6.00	1	ug/L	J	0.22	7440-36-0	10/30/13 09:15	10/31/13 20:51	3100755
Arsenic	EPA 6020A	EPA 3005A	2.32	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 09:15	10/31/13 20:51	3100755
Barium	EPA 6020A	EPA 3005A	374	100	1	ug/L		0.25	7440-39-3	10/30/13 09:15	10/31/13 20:51	3100755
Beryllium	EPA 6020A	EPA 3005A	0.15	1.00	1	ug/L	J	0.11	7440-41-7	10/30/13 09:15	10/31/13 20:51	3100755
Cadmium	EPA 6020A	EPA 3005A	0.36	1.00	1	ug/L	J	0.06	7440-43-9	10/30/13 09:15	10/31/13 20:51	3100755
Chromium	EPA 6020A	EPA 3005A	25.0	10.0	1	ug/L		0.58	7440-47-3	10/30/13 09:15	10/31/13 20:51	3100755
Cobalt	EPA 6020A	EPA 3005A	84.7	10.0	1	ug/L		0.12	7440-48-4	10/30/13 09:15	10/31/13 20:51	3100755
Copper	EPA 6020A	EPA 3005A	96.7	10.0	1	ug/L		0.38	7440-50-8	10/30/13 09:15	10/31/13 20:51	3100755
Lead	EPA 6020A	EPA 3005A	1.69	10.0	1	ug/L	J	0.05	7439-92-1	10/30/13 09:15	10/31/13 20:51	3100755
Nickel	EPA 6020A	EPA 3005A	77.6	50.0	1	ug/L		0.41	7440-02-0	10/30/13 09:15	10/31/13 20:51	3100755
Selenium	EPA 6020A	EPA 3005A	3.85	10.0	1	ug/L	J	0.77	7782-49-2	10/30/13 09:15	10/31/13 20:51	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 20:51	3100755
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 20:51	3100755
Vanadium	EPA 6020A	EPA 3005A	48.3	25.0	1	ug/L	B-01	1.97	7440-62-2	10/30/13 09:15	10/31/13 20:51	3100755
Zinc	EPA 6020A	EPA 3005A	20.7	10.0	1	ug/L		0.87	7440-66-6	10/30/13 09:15	10/31/13 20:51	3100755
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/01/13 13:40	11/04/13 14:56	3110004
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.4	7440-31-5	10/30/13 09:15	10/31/13 20:51	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-SW1
Lab No: AWJ0840-40
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 14:46
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	400	1	1	umhos/cm		1	COND	10/24/13 14:46	10/24/13 14:46	3100716
Dissolved Oxygen	SM 4500-O G	NA	4800	0.0	1	ug/L		0.0	NA	10/24/13 14:46	10/24/13 14:46	3100716
Field - pH	EPA 9040C	NA	7.72		1	pH Units			PH	10/24/13 14:46	10/24/13 14:46	3100716
Field - Temperature	SM 2550 B	NA	13.7		1	°C			TEMP	10/24/13 14:46	10/24/13 14:46	3100716
Field - Turbidity	EPA 180.1	NA	5.18		1	NTU			TURB	10/24/13 14:46	10/24/13 14:46	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 09:15	10/31/13 20:57	3100755
Arsenic	EPA 6020A	EPA 3005A	0.82	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 09:15	10/31/13 20:57	3100755
Barium	EPA 6020A	EPA 3005A	37.2	100	1	ug/L	J	0.25	7440-39-3	10/30/13 09:15	10/31/13 20:57	3100755
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 09:15	10/31/13 20:57	3100755
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 09:15	10/31/13 20:57	3100755
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/30/13 09:15	10/31/13 20:57	3100755
Cobalt	EPA 6020A	EPA 3005A	0.76	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 09:15	10/31/13 20:57	3100755
Copper	EPA 6020A	EPA 3005A	2.27	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 09:15	10/31/13 20:57	3100755
Lead	EPA 6020A	EPA 3005A	0.10	10.0	1	ug/L	J	0.05	7439-92-1	10/30/13 09:15	10/31/13 20:57	3100755
Nickel	EPA 6020A	EPA 3005A	1.76	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 09:15	10/31/13 20:57	3100755
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 09:15	10/31/13 20:57	3100755
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 09:15	10/31/13 20:57	3100755
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.06	7440-28-0	10/30/13 09:15	10/31/13 20:57	3100755
Vanadium	EPA 6020A	EPA 3005A	5.93	25.0	1	ug/L	B-01, J	1.97	7440-62-2	10/30/13 09:15	10/31/13 20:57	3100755
Zinc	EPA 6020A	EPA 3005A	6.16	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 09:15	10/31/13 20:57	3100755

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-SW1
Lab No: AWJ0840-40
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 14:46
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 16:33	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 16:33	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 16:33	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 16:33	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 16:33	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 16:33	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 16:33	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 16:33	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 16:33	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 16:33	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 16:33	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 16:33	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 16:33	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 16:33	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 16:33	3100737
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 16:33	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 16:33	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 16:33	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 16:33	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 16:33	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 16:33	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 16:33	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-SW1
Lab No: AWJ0840-40
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 14:46
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 16:33	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 16:33	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 16:33	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 16:33	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 16:33	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 16:33	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 16:33	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 16:33	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 16:33	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 16:33	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 16:33	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 16:33	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 16:33	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 16:33	3100737
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 16:33	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 16:33	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 16:33	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 16:33	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 16:33	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 16:33	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 16:33	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-SW1
Lab No: AWJ0840-40
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 14:46
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 16:33	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 16:33	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 16:33	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 16:33	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 16:33	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	106 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 16:33	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 16:33	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/29/13 10:00	10/29/13 16:33	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-SW2
Lab No: AWJ0840-41
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 15:22
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	534	1	1	umhos/cm		1	COND	10/24/13 15:22	10/24/13 15:22	3100716
Dissolved Oxygen	SM 4500-O G	NA	4380	0.0	1	ug/L		0.0	NA	10/24/13 15:22	10/24/13 15:22	3100716
Field - pH	EPA 9040C	NA	7.20		1	pH Units			PH	10/24/13 15:22	10/24/13 15:22	3100716
Field - Temperature	SM 2550 B	NA	12.5		1	°C			TEMP	10/24/13 15:22	10/24/13 15:22	3100716
Field - Turbidity	EPA 180.1	NA	3.63		1	NTU			TURB	10/24/13 15:22	10/24/13 15:22	3100716
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.22	7440-36-0	10/30/13 10:00	11/01/13 02:19	3100756
Arsenic	EPA 6020A	EPA 3005A	1.06	10.0	1	ug/L	J	0.78	7440-38-2	10/30/13 10:00	11/01/13 02:19	3100756
Barium	EPA 6020A	EPA 3005A	48.0	100	1	ug/L	J	0.25	7440-39-3	10/30/13 10:00	11/01/13 02:19	3100756
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/30/13 10:00	11/01/13 02:19	3100756
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/30/13 10:00	11/01/13 02:19	3100756
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.58	7440-47-3	10/30/13 10:00	11/01/13 02:19	3100756
Cobalt	EPA 6020A	EPA 3005A	0.27	10.0	1	ug/L	J	0.12	7440-48-4	10/30/13 10:00	11/01/13 02:19	3100756
Copper	EPA 6020A	EPA 3005A	1.50	10.0	1	ug/L	J	0.38	7440-50-8	10/30/13 10:00	11/01/13 02:19	3100756
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.05	7439-92-1	10/30/13 10:00	11/01/13 02:19	3100756
Nickel	EPA 6020A	EPA 3005A	2.39	50.0	1	ug/L	J	0.41	7440-02-0	10/30/13 10:00	11/01/13 02:19	3100756
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.77	7782-49-2	10/30/13 10:00	11/01/13 02:19	3100756
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/30/13 10:00	11/01/13 02:19	3100756
Thallium	EPA 6020A	EPA 3005A	0.38	5.50	1	ug/L	J	0.06	7440-28-0	10/30/13 10:00	11/01/13 02:19	3100756
Vanadium	EPA 6020A	EPA 3005A	7.44	25.0	1	ug/L	J	1.97	7440-62-2	10/30/13 10:00	11/01/13 02:19	3100756
Zinc	EPA 6020A	EPA 3005A	4.02	10.0	1	ug/L	J	0.87	7440-66-6	10/30/13 10:00	11/01/13 02:19	3100756

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-SW2
Lab No: AWJ0840-41
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 15:22
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.6	67-64-1	10/29/13 10:00	10/29/13 17:01	3100737
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/29/13 10:00	10/29/13 17:01	3100737
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/29/13 10:00	10/29/13 17:01	3100737
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/29/13 10:00	10/29/13 17:01	3100737
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/29/13 10:00	10/29/13 17:01	3100737
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/29/13 10:00	10/29/13 17:01	3100737
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/29/13 10:00	10/29/13 17:01	3100737
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/29/13 10:00	10/29/13 17:01	3100737
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/29/13 10:00	10/29/13 17:01	3100737
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/29/13 10:00	10/29/13 17:01	3100737
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/29/13 10:00	10/29/13 17:01	3100737
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/29/13 10:00	10/29/13 17:01	3100737
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/29/13 10:00	10/29/13 17:01	3100737
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	124-48-1	10/29/13 10:00	10/29/13 17:01	3100737
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/29/13 10:00	10/29/13 17:01	3100737
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/29/13 10:00	10/29/13 17:01	3100737
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/29/13 10:00	10/29/13 17:01	3100737
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/29/13 10:00	10/29/13 17:01	3100737
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	106-46-7	10/29/13 10:00	10/29/13 17:01	3100737
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/29/13 10:00	10/29/13 17:01	3100737
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/29/13 10:00	10/29/13 17:01	3100737
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/29/13 10:00	10/29/13 17:01	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-SW2
Lab No: AWJ0840-41
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 15:22
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/29/13 10:00	10/29/13 17:01	3100737
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/29/13 10:00	10/29/13 17:01	3100737
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/29/13 10:00	10/29/13 17:01	3100737
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/29/13 10:00	10/29/13 17:01	3100737
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/29/13 10:00	10/29/13 17:01	3100737
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/29/13 10:00	10/29/13 17:01	3100737
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/29/13 10:00	10/29/13 17:01	3100737
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/29/13 10:00	10/29/13 17:01	3100737
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/29/13 10:00	10/29/13 17:01	3100737
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/29/13 10:00	10/29/13 17:01	3100737
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.8	78-93-3	10/29/13 10:00	10/29/13 17:01	3100737
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.8	108-10-1	10/29/13 10:00	10/29/13 17:01	3100737
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/29/13 10:00	10/29/13 17:01	3100737
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/29/13 10:00	10/29/13 17:01	3100737
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-34-5	10/29/13 10:00	10/29/13 17:01	3100737
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/29/13 10:00	10/29/13 17:01	3100737
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	108-88-3	10/29/13 10:00	10/29/13 17:01	3100737
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/29/13 10:00	10/29/13 17:01	3100737
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/29/13 10:00	10/29/13 17:01	3100737
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/29/13 10:00	10/29/13 17:01	3100737
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/29/13 10:00	10/29/13 17:01	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Client ID: 1304-SW2
Lab No: AWJ0840-41
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/24/13 15:22
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0840

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/29/13 10:00	10/29/13 17:01	3100737
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/29/13 10:00	10/29/13 17:01	3100737
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/29/13 10:00	10/29/13 17:01	3100737
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.6	1330-20-7	10/29/13 10:00	10/29/13 17:01	3100737
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		80-120				1868-53-7	10/29/13 10:00	10/29/13 17:01	3100737
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	106 %		78-120				17060-07-0	10/29/13 10:00	10/29/13 17:01	3100737
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/29/13 10:00	10/29/13 17:01	3100737
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/29/13 10:00	10/29/13 17:01	3100737

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100726 - EPA 3005A										
Blank (3100726-BLK1)							Prepared & Analyzed: 10/29/13			
Antimony	ND	6.00	ug/L							
Arsenic	ND	10.0	ug/L							
Barium	ND	100	ug/L							
Beryllium	ND	1.00	ug/L							
Cadmium	ND	1.00	ug/L							
Chromium	ND	10.0	ug/L							
Cobalt	ND	10.0	ug/L							
Copper	ND	10.0	ug/L							
Lead	ND	10.0	ug/L							
Nickel	ND	50.0	ug/L							
Selenium	ND	10.0	ug/L							
Silver	ND	10.0	ug/L							
Thallium	ND	5.50	ug/L							
Tin	ND	20.0	ug/L							
Vanadium	ND	25.0	ug/L							
Zinc	1.29	10.0	ug/L							J
LCS (3100726-BS1)							Prepared & Analyzed: 10/29/13			
Antimony	105	6.00	ug/L	100.00		105	80-120			
Arsenic	97.1	10.0	ug/L	100.00		97	80-120			
Barium	98.0	100	ug/L	100.00		98	80-120			J
Beryllium	97.2	1.00	ug/L	100.00		97	80-120			
Cadmium	98.7	1.00	ug/L	100.00		99	80-120			
Chromium	95.3	10.0	ug/L	100.00		95	80-120			
Cobalt	96.2	10.0	ug/L	100.00		96	80-120			
Copper	98.2	10.0	ug/L	100.00		98	80-120			
Lead	95.7	10.0	ug/L	100.00		96	80-120			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100726 - EPA 3005A										
LCS (3100726-BS1)							Prepared & Analyzed: 10/29/13			
Nickel	99.2	50.0	ug/L	100.00		99	80-120			
Selenium	97.4	10.0	ug/L	100.00		97	80-120			
Silver	100	10.0	ug/L	100.00		100	80-120			
Thallium	93.0	5.50	ug/L	100.00		93	80-120			
Tin	100	20.0	ug/L	100.00		100	80-120			
Vanadium	97.8	25.0	ug/L	100.00		98	80-120			
Zinc	98.5	10.0	ug/L	100.00		98	80-120			
Matrix Spike (3100726-MS1)	**Source: AWJ0840-07**						Prepared & Analyzed: 10/29/13			
Antimony	115	6.00	ug/L	100.00	ND	115	75-125			
Arsenic	106	10.0	ug/L	100.00	3.43	102	75-125			
Barium	603	100	ug/L	100.00	463	140	75-125			QM-02
Beryllium	105	1.00	ug/L	100.00	ND	105	75-125			
Cadmium	107	1.00	ug/L	100.00	0.17	107	75-125			
Chromium	100	10.0	ug/L	100.00	ND	100	75-125			
Cobalt	132	10.0	ug/L	100.00	33.7	98	75-125			
Copper	101	10.0	ug/L	100.00	5.52	95	75-125			
Lead	107	10.0	ug/L	100.00	0.15	106	75-125			
Nickel	115	50.0	ug/L	100.00	14.1	101	75-125			
Selenium	108	10.0	ug/L	100.00	9.40	99	75-125			
Silver	106	10.0	ug/L	100.00	ND	106	75-125			
Thallium	106	5.50	ug/L	100.00	ND	106	75-125			
Tin	109	20.0	ug/L	100.00	0.440	109	75-125			
Vanadium	96.1	25.0	ug/L	100.00	ND	96	75-125			
Zinc	164	10.0	ug/L	100.00	62.8	101	75-125			
Matrix Spike Dup (3100726-MSD1)	**Source: AWJ0840-07**						Prepared & Analyzed: 10/29/13			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100726 - EPA 3005A										
Matrix Spike Dup (3100726-MSD1)		**Source: AWJ0840-07**					Prepared & Analyzed: 10/29/13			
Antimony	108	6.00	ug/L	100.00	ND	108	75-125	6	20	
Arsenic	97.7	10.0	ug/L	100.00	3.43	94	75-125	8	20	
Barium	560	100	ug/L	100.00	463	97	75-125	8	20	
Beryllium	97.1	1.00	ug/L	100.00	ND	97	75-125	8	20	
Cadmium	101	1.00	ug/L	100.00	0.17	101	75-125	5	20	
Chromium	92.8	10.0	ug/L	100.00	ND	93	75-125	8	20	
Cobalt	124	10.0	ug/L	100.00	33.7	90	75-125	6	20	
Copper	95.2	10.0	ug/L	100.00	5.52	90	75-125	6	20	
Lead	96.3	10.0	ug/L	100.00	0.15	96	75-125	10	20	
Nickel	107	50.0	ug/L	100.00	14.1	93	75-125	7	20	
Selenium	105	10.0	ug/L	100.00	9.40	96	75-125	3	20	
Silver	100	10.0	ug/L	100.00	ND	100	75-125	6	20	
Thallium	95.9	5.50	ug/L	100.00	ND	96	75-125	10	20	
Tin	104	20.0	ug/L	100.00	0.440	104	75-125	5	20	
Vanadium	92.0	25.0	ug/L	100.00	ND	92	75-125	4	20	
Zinc	154	10.0	ug/L	100.00	62.8	91	75-125	6	20	
Post Spike (3100726-PS1)		**Source: AWJ0840-07**					Prepared & Analyzed: 10/29/13			
Antimony	110		ug/L	100.00	0.09	110	80-120			
Arsenic	101		ug/L	100.00	3.43	98	80-120			
Barium	559		ug/L	100.00	463	96	80-120			
Beryllium	96.4		ug/L	100.00	0.04	96	80-120			
Cadmium	102		ug/L	100.00	0.17	102	80-120			
Chromium	90.4		ug/L	100.00	-0.43	91	80-120			
Cobalt	122		ug/L	100.00	33.7	89	80-120			
Copper	94.3		ug/L	100.00	5.52	89	80-120			
Lead	96.9		ug/L	100.00	0.15	97	80-120			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100726 - EPA 3005A										
Post Spike (3100726-PS1)		**Source: AWJ0840-07**					Prepared & Analyzed: 10/29/13			
Nickel	107		ug/L	100.00	14.1	93	80-120			
Selenium	105		ug/L	100.00	9.40	96	80-120			
Silver	103		ug/L	100.00	0.14	103	80-120			
Thallium	95.6		ug/L	100.00	ND	96	80-120			
Tin	105		ug/L	100.00	0.440	105	80-120			
Vanadium	87.9		ug/L	100.00	0.72	87	80-120			
Zinc	152		ug/L	100.00	62.8	89	80-120			
Batch 3100728 - EPA 7470A										
Blank (3100728-BLK1)							Prepared: 10/29/13 Analyzed: 10/30/13			
Mercury	ND	0.200	ug/L							
LCS (3100728-BS1)							Prepared: 10/29/13 Analyzed: 10/30/13			
Mercury	2.50	0.200	ug/L	2.5000		100	80-120			
Matrix Spike (3100728-MS1)		**Source: AWJ0845-05**					Prepared: 10/29/13 Analyzed: 10/30/13			
Mercury	2.20	0.200	ug/L	2.5000	ND	88	75-125			
Matrix Spike Dup (3100728-MSD1)		**Source: AWJ0845-05**					Prepared: 10/29/13 Analyzed: 10/30/13			
Mercury	2.15	0.200	ug/L	2.5000	ND	86	75-125	2	20	
Post Spike (3100728-PS1)		**Source: AWJ0845-05**					Prepared: 10/29/13 Analyzed: 10/30/13			
Mercury	1.47		ug/L	1.6667	0.029	87	80-120			
Batch 3100755 - EPA 3005A										
Blank (3100755-BLK1)							Prepared: 10/30/13 Analyzed: 10/31/13			
Antimony	ND	6.00	ug/L							

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100755 - EPA 3005A										
Blank (3100755-BLK1)							Prepared: 10/30/13 Analyzed: 10/31/13			
Arsenic	ND	10.0	ug/L							
Barium	ND	100	ug/L							
Beryllium	ND	1.00	ug/L							
Cadmium	ND	1.00	ug/L							
Chromium	ND	10.0	ug/L							
Cobalt	ND	10.0	ug/L							
Copper	ND	10.0	ug/L							
Lead	ND	10.0	ug/L							
Nickel	ND	50.0	ug/L							
Selenium	ND	10.0	ug/L							
Silver	ND	10.0	ug/L							
Thallium	ND	5.50	ug/L							
Tin	ND	20.0	ug/L							
Vanadium	2.72	25.0	ug/L							J
Zinc	ND	10.0	ug/L							
LCS (3100755-BS1)							Prepared: 10/30/13 Analyzed: 10/31/13			
Antimony	103	6.00	ug/L	100.00		103	80-120			
Arsenic	102	10.0	ug/L	100.00		102	80-120			
Barium	96.6	100	ug/L	100.00		97	80-120			J
Beryllium	102	1.00	ug/L	100.00		102	80-120			
Cadmium	101	1.00	ug/L	100.00		101	80-120			
Chromium	101	10.0	ug/L	100.00		101	80-120			
Cobalt	104	10.0	ug/L	100.00		104	80-120			
Copper	102	10.0	ug/L	100.00		102	80-120			
Lead	96.5	10.0	ug/L	100.00		96	80-120			
Nickel	103	50.0	ug/L	100.00		103	80-120			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100755 - EPA 3005A										
LCS (3100755-BS1)							Prepared: 10/30/13 Analyzed: 10/31/13			
Selenium	100	10.0	ug/L	100.00		100	80-120			
Silver	103	10.0	ug/L	100.00		103	80-120			
Thallium	98.1	5.50	ug/L	100.00		98	80-120			
Tin	102	20.0	ug/L	100.00		102	80-120			
Vanadium	97.1	25.0	ug/L	100.00		97	80-120			
Zinc	104	10.0	ug/L	100.00		104	80-120			
Matrix Spike (3100755-MS1)		**Source: AWJ0840-24**					Prepared: 10/30/13 Analyzed: 10/31/13			
Antimony	103	6.00	ug/L	100.00	ND	103	75-125			
Arsenic	94.8	10.0	ug/L	100.00	ND	95	75-125			
Barium	135	100	ug/L	100.00	34.0	100	75-125			
Beryllium	96.4	1.00	ug/L	100.00	ND	96	75-125			
Cadmium	104	1.00	ug/L	100.00	ND	104	75-125			
Chromium	95.7	10.0	ug/L	100.00	1.30	94	75-125			
Cobalt	94.8	10.0	ug/L	100.00	0.37	94	75-125			
Copper	98.0	10.0	ug/L	100.00	1.15	97	75-125			
Lead	95.4	10.0	ug/L	100.00	ND	95	75-125			
Nickel	94.4	50.0	ug/L	100.00	2.06	92	75-125			
Selenium	95.0	10.0	ug/L	100.00	ND	95	75-125			
Silver	103	10.0	ug/L	100.00	ND	103	75-125			
Thallium	96.8	5.50	ug/L	100.00	0.08	97	75-125			
Tin	103	20.0	ug/L	100.00	ND	103	75-125			
Vanadium	99.8	25.0	ug/L	100.00	4.59	95	75-125			
Zinc	99.6	10.0	ug/L	100.00	5.34	94	75-125			
Matrix Spike Dup (3100755-MSD1)		**Source: AWJ0840-24**					Prepared: 10/30/13 Analyzed: 10/31/13			
Antimony	98.2	6.00	ug/L	100.00	ND	98	75-125	5	20	

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100755 - EPA 3005A										
Matrix Spike Dup (3100755-MSD1)		**Source: AWJ0840-24**					Prepared: 10/30/13 Analyzed: 10/31/13			
Arsenic	89.0	10.0	ug/L	100.00	ND	89	75-125	6	20	
Barium	125	100	ug/L	100.00	34.0	91	75-125	8	20	
Beryllium	89.4	1.00	ug/L	100.00	ND	89	75-125	8	20	
Cadmium	95.7	1.00	ug/L	100.00	ND	96	75-125	8	20	
Chromium	90.8	10.0	ug/L	100.00	1.30	89	75-125	5	20	
Cobalt	90.7	10.0	ug/L	100.00	0.37	90	75-125	4	20	
Copper	88.5	10.0	ug/L	100.00	1.15	87	75-125	10	20	
Lead	87.9	10.0	ug/L	100.00	ND	88	75-125	8	20	
Nickel	88.5	50.0	ug/L	100.00	2.06	86	75-125	6	20	
Selenium	89.7	10.0	ug/L	100.00	ND	90	75-125	6	20	
Silver	98.5	10.0	ug/L	100.00	ND	98	75-125	5	20	
Thallium	88.6	5.50	ug/L	100.00	0.08	89	75-125	9	20	
Tin	97.7	20.0	ug/L	100.00	ND	98	75-125	5	20	
Vanadium	90.6	25.0	ug/L	100.00	4.59	86	75-125	10	20	
Zinc	94.3	10.0	ug/L	100.00	5.34	89	75-125	5	20	
Post Spike (3100755-PS1)		**Source: AWJ0840-24**					Prepared: 10/30/13 Analyzed: 10/31/13			
Antimony	98.6		ug/L	100.00	0.09	98	80-120			
Arsenic	92.9		ug/L	100.00	0.58	92	80-120			
Barium	131		ug/L	100.00	34.0	97	80-120			
Beryllium	92.0		ug/L	100.00	-0.03	92	80-120			
Cadmium	102		ug/L	100.00	ND	102	80-120			
Chromium	94.6		ug/L	100.00	1.30	93	80-120			
Cobalt	95.2		ug/L	100.00	0.37	95	80-120			
Copper	92.8		ug/L	100.00	1.15	92	80-120			
Lead	90.9		ug/L	100.00	ND	91	80-120			
Nickel	92.3		ug/L	100.00	2.06	90	80-120			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100755 - EPA 3005A										
Post Spike (3100755-PS1)		**Source: AWJ0840-24**					Prepared: 10/30/13 Analyzed: 10/31/13			
Selenium	93.9		ug/L	100.00	-0.22	94	80-120			
Silver	104		ug/L	100.00	ND	104	80-120			
Thallium	93.7		ug/L	100.00	0.08	94	80-120			
Tin	103		ug/L	100.00	0.0700	103	80-120			
Vanadium	96.2		ug/L	100.00	4.59	92	80-120			
Zinc	100		ug/L	100.00	5.34	95	80-120			
Batch 3100756 - EPA 3005A										
Blank (3100756-BLK1)							Prepared: 10/30/13 Analyzed: 11/01/13			
Antimony	ND	6.00	ug/L							
Arsenic	ND	10.0	ug/L							
Barium	ND	100	ug/L							
Beryllium	ND	1.00	ug/L							
Cadmium	ND	1.00	ug/L							
Chromium	ND	10.0	ug/L							
Cobalt	ND	10.0	ug/L							
Copper	ND	10.0	ug/L							
Lead	ND	10.0	ug/L							
Nickel	ND	50.0	ug/L							
Selenium	ND	10.0	ug/L							
Silver	ND	10.0	ug/L							
Thallium	0.09	5.50	ug/L							J
Tin	ND	20.0	ug/L							
Vanadium	4.18	25.0	ug/L							J
Zinc	1.15	10.0	ug/L							J

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100756 - EPA 3005A										
LCS (3100756-BS1)							Prepared: 10/30/13 Analyzed: 11/01/13			
Antimony	102	6.00	ug/L	100.00		102	80-120			
Arsenic	100	10.0	ug/L	100.00		100	80-120			
Barium	97.9	100	ug/L	100.00		98	80-120			J
Beryllium	97.8	1.00	ug/L	100.00		98	80-120			
Cadmium	102	1.00	ug/L	100.00		102	80-120			
Chromium	98.4	10.0	ug/L	100.00		98	80-120			
Cobalt	103	10.0	ug/L	100.00		103	80-120			
Copper	101	10.0	ug/L	100.00		101	80-120			
Lead	97.1	10.0	ug/L	100.00		97	80-120			
Nickel	101	50.0	ug/L	100.00		101	80-120			
Selenium	104	10.0	ug/L	100.00		104	80-120			
Silver	106	10.0	ug/L	100.00		106	80-120			
Thallium	98.6	5.50	ug/L	100.00		99	80-120			
Tin	102	20.0	ug/L	100.00		102	80-120			
Vanadium	101	25.0	ug/L	100.00		101	80-120			
Zinc	103	10.0	ug/L	100.00		103	80-120			
Matrix Spike (3100756-MS1)	**Source: AWJ0845-18**						Prepared: 10/30/13 Analyzed: 11/01/13			
Antimony	102	6.00	ug/L	100.00	ND	102	75-125			
Arsenic	96.9	10.0	ug/L	100.00	1.06	96	75-125			
Barium	120	100	ug/L	100.00	22.8	97	75-125			
Beryllium	94.0	1.00	ug/L	100.00	ND	94	75-125			
Cadmium	102	1.00	ug/L	100.00	ND	102	75-125			
Chromium	93.7	10.0	ug/L	100.00	ND	94	75-125			
Cobalt	101	10.0	ug/L	100.00	2.12	98	75-125			
Copper	96.8	10.0	ug/L	100.00	ND	97	75-125			
Lead	96.0	10.0	ug/L	100.00	ND	96	75-125			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100756 - EPA 3005A										
Matrix Spike (3100756-MS1)		**Source: AWJ0845-18**					Prepared: 10/30/13 Analyzed: 11/01/13			
Nickel	95.5	50.0	ug/L	100.00	ND	95	75-125			
Selenium	98.0	10.0	ug/L	100.00	ND	98	75-125			
Silver	104	10.0	ug/L	100.00	ND	104	75-125			
Thallium	96.7	5.50	ug/L	100.00	ND	97	75-125			
Tin	102	20.0	ug/L	100.00	ND	102	75-125			
Vanadium	98.6	25.0	ug/L	100.00	4.89	94	75-125			
Zinc	103	10.0	ug/L	100.00	4.94	98	75-125			
Matrix Spike Dup (3100756-MSD1)		**Source: AWJ0845-18**					Prepared: 10/30/13 Analyzed: 11/01/13			
Antimony	102	6.00	ug/L	100.00	ND	102	75-125	0.2	20	
Arsenic	97.4	10.0	ug/L	100.00	1.06	96	75-125	0.5	20	
Barium	120	100	ug/L	100.00	22.8	97	75-125	0.03	20	
Beryllium	95.4	1.00	ug/L	100.00	ND	95	75-125	1	20	
Cadmium	102	1.00	ug/L	100.00	ND	102	75-125	0.1	20	
Chromium	98.3	10.0	ug/L	100.00	ND	98	75-125	5	20	
Cobalt	104	10.0	ug/L	100.00	2.12	102	75-125	3	20	
Copper	99.2	10.0	ug/L	100.00	ND	99	75-125	3	20	
Lead	95.7	10.0	ug/L	100.00	ND	96	75-125	0.3	20	
Nickel	98.2	50.0	ug/L	100.00	ND	98	75-125	3	20	
Selenium	101	10.0	ug/L	100.00	ND	101	75-125	3	20	
Silver	104	10.0	ug/L	100.00	ND	104	75-125	0.3	20	
Thallium	96.9	5.50	ug/L	100.00	ND	97	75-125	0.2	20	
Tin	102	20.0	ug/L	100.00	ND	102	75-125	0.2	20	
Vanadium	100	25.0	ug/L	100.00	4.89	95	75-125	2	20	
Zinc	108	10.0	ug/L	100.00	4.94	103	75-125	5	20	
Post Spike (3100756-PS1)		**Source: AWJ0845-18**					Prepared: 10/30/13 Analyzed: 11/01/13			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100756 - EPA 3005A										
Post Spike (3100756-PS1)		**Source: AWJ0845-18**					Prepared: 10/30/13 Analyzed: 11/01/13			
Antimony	100		ug/L	100.00	-0.01	100	80-120			
Arsenic	99.1		ug/L	100.00	1.06	98	80-120			
Barium	118		ug/L	100.00	22.8	96	80-120			
Beryllium	94.1		ug/L	100.00	0.09	94	80-120			
Cadmium	101		ug/L	100.00	ND	101	80-120			
Chromium	97.1		ug/L	100.00	-2.47	100	80-120			
Cobalt	103		ug/L	100.00	2.12	100	80-120			
Copper	100		ug/L	100.00	0.21	100	80-120			
Lead	93.6		ug/L	100.00	0.05	94	80-120			
Nickel	98.2		ug/L	100.00	0.11	98	80-120			
Selenium	101		ug/L	100.00	-0.19	101	80-120			
Silver	102		ug/L	100.00	ND	102	80-120			
Thallium	95.6		ug/L	100.00	ND	96	80-120			
Tin	102		ug/L	100.00	0.0300	102	80-120			
Vanadium	101		ug/L	100.00	4.89	96	80-120			
Zinc	107		ug/L	100.00	4.94	102	80-120			
Batch 3100799 - EPA 7470A										
Blank (3100799-BLK1)							Prepared: 10/31/13 Analyzed: 11/01/13			
Mercury	ND	0.200	ug/L							
LCS (3100799-BS1)							Prepared: 10/31/13 Analyzed: 11/01/13			
Mercury	2.51	0.200	ug/L	2.5000		101	80-120			
Matrix Spike (3100799-MS1)		**Source: AWJ0840-18**					Prepared: 10/31/13 Analyzed: 11/01/13			
Mercury	2.51	0.200	ug/L	2.5000	0.067	98	75-125			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100799 - EPA 7470A										
Matrix Spike Dup (3100799-MSD1)		**Source: AWJ0840-18**					Prepared: 10/31/13	Analyzed: 11/01/13		
Mercury	2.42	0.200	ug/L	2.5000	0.067	94	75-125	4	20	
Post Spike (3100799-PS1)		**Source: AWJ0840-18**					Prepared: 10/31/13	Analyzed: 11/01/13		
Mercury	1.72		ug/L	1.6667	0.045	101	80-120			
Batch 3110004 - EPA 7470A										
Blank (3110004-BLK1)							Prepared: 11/01/13	Analyzed: 11/04/13		
Mercury	ND	0.200	ug/L							
LCS (3110004-BS1)							Prepared: 11/01/13	Analyzed: 11/04/13		
Mercury	2.38	0.200	ug/L	2.5000		95	80-120			
Duplicate (3110004-DUP1)		**Source: AWJ0845-06RE1**					Prepared: 11/01/13	Analyzed: 11/04/13		
Mercury	0.387	0.200	ug/L		0.482			22	20	QR-01
Matrix Spike (3110004-MS1)		**Source: AWJ0840-30**					Prepared: 11/01/13	Analyzed: 11/04/13		
Mercury	2.66	0.200	ug/L	2.5000	ND	106	75-125			
Matrix Spike Dup (3110004-MSD1)		**Source: AWJ0840-30**					Prepared: 11/01/13	Analyzed: 11/04/13		
Mercury	2.63	0.200	ug/L	2.5000	ND	105	75-125	1	20	
Post Spike (3110004-PS1)		**Source: AWJ0840-30**					Prepared: 11/01/13	Analyzed: 11/04/13		
Mercury	1.74		ug/L	1.6667	-0.056	108	80-120			
Batch 3110097 - EPA 3005A										
Blank (3110097-BLK1)							Prepared: 11/06/13	Analyzed: 11/08/13		
Antimony	0.29	6.00	ug/L							J

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3110097 - EPA 3005A										
Blank (3110097-BLK1)							Prepared: 11/06/13 Analyzed: 11/08/13			
Arsenic	1.50	10.0	ug/L							J
Barium	ND	100	ug/L							
Beryllium	ND	1.00	ug/L							
Cadmium	ND	1.00	ug/L							
Chromium	ND	10.0	ug/L							
Cobalt	ND	10.0	ug/L							
Copper	ND	10.0	ug/L							
Lead	ND	10.0	ug/L							
Nickel	ND	50.0	ug/L							
Selenium	ND	10.0	ug/L							
Silver	ND	10.0	ug/L							
Thallium	ND	5.50	ug/L							
Vanadium	ND	25.0	ug/L							
Zinc	4.39	10.0	ug/L							J
LCS (3110097-BS1)							Prepared: 11/06/13 Analyzed: 11/08/13			
Antimony	102	6.00	ug/L	100.00		102	80-120			
Arsenic	102	10.0	ug/L	100.00		102	80-120			
Barium	99.8	100	ug/L	100.00		100	80-120			J
Beryllium	94.5	1.00	ug/L	100.00		94	80-120			
Cadmium	100	1.00	ug/L	100.00		100	80-120			
Chromium	97.4	10.0	ug/L	100.00		97	80-120			
Cobalt	101	10.0	ug/L	100.00		101	80-120			
Copper	101	10.0	ug/L	100.00		101	80-120			
Lead	103	10.0	ug/L	100.00		103	80-120			
Nickel	101	50.0	ug/L	100.00		101	80-120			
Selenium	100	10.0	ug/L	100.00		100	80-120			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3110097 - EPA 3005A										
LCS (3110097-BS1)							Prepared: 11/06/13 Analyzed: 11/08/13			
Silver	98.5	10.0	ug/L	100.00		98	80-120			
Thallium	106	5.50	ug/L	100.00		106	80-120			
Vanadium	98.6	25.0	ug/L	100.00		99	80-120			
Zinc	104	10.0	ug/L	100.00		104	80-120			
Duplicate (3110097-DUP1)	**Source: AWJ0845-19RE1**						Prepared: 11/06/13 Analyzed: 11/08/13			
Antimony	ND	6.00	ug/L		ND				20	
Arsenic	3.70	10.0	ug/L		1.78			70	20	QR-01, J
Barium	383	100	ug/L		420			9	20	
Beryllium	5.18	1.00	ug/L		5.37			4	20	
Cadmium	0.18	1.00	ug/L		0.18			0	20	J
Chromium	20.1	10.0	ug/L		19.7			2	20	
Cobalt	11.5	10.0	ug/L		11.6			0.09	20	
Copper	29.2	10.0	ug/L		30.1			3	20	
Lead	17.9	10.0	ug/L		17.6			2	20	
Nickel	8.09	50.0	ug/L		8.29			2	20	J
Selenium	ND	10.0	ug/L		ND				20	
Silver	ND	10.0	ug/L		ND				20	
Thallium	0.45	5.50	ug/L		0.28			47	20	QR-01, J
Vanadium	27.6	25.0	ug/L		64.7			80	20	
Zinc	155	10.0	ug/L		153			1	20	
Duplicate (3110097-DUP2)	**Source: AWJ0840-01RE1**						Prepared: 11/06/13 Analyzed: 11/08/13			
Antimony	ND	6.00	ug/L		ND				20	
Arsenic	ND	10.0	ug/L		ND				20	
Barium	20.1	100	ug/L		19.9			0.8	20	J
Beryllium	ND	1.00	ug/L		ND				20	

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3110097 - EPA 3005A										
Duplicate (3110097-DUP2)		**Source: AWJ0840-01RE1**					Prepared: 11/06/13 Analyzed: 11/08/13			
Cadmium	ND	1.00	ug/L		ND				20	
Chromium	1.73	10.0	ug/L		2.29			28	20	QR-01, J
Cobalt	0.33	10.0	ug/L		0.33			0	20	J
Copper	0.56	10.0	ug/L		0.85			41	20	QR-01, J
Lead	ND	10.0	ug/L		ND				20	
Nickel	2.20	50.0	ug/L		2.22			0.9	20	J
Selenium	ND	10.0	ug/L		ND				20	
Silver	ND	10.0	ug/L		ND				20	
Thallium	ND	5.50	ug/L		0.07				20	
Vanadium	17.0	25.0	ug/L		38.8			78	20	J
Zinc	0.98	10.0	ug/L		1.32			30	20	QR-01, J
Matrix Spike (3110097-MS1)		**Source: AWK0097-01**					Prepared: 11/06/13 Analyzed: 11/08/13			
Antimony	97.6	6.00	ug/L	100.00	ND	98	75-125			
Arsenic	93.9	10.0	ug/L	100.00	1.06	93	75-125			
Barium	137	100	ug/L	100.00	41.5	95	75-125			
Beryllium	89.2	1.00	ug/L	100.00	ND	89	75-125			
Cadmium	96.7	1.00	ug/L	100.00	ND	97	75-125			
Chromium	89.7	10.0	ug/L	100.00	ND	90	75-125			
Cobalt	101	10.0	ug/L	100.00	10.2	91	75-125			
Copper	98.3	10.0	ug/L	100.00	2.04	96	75-125			
Lead	98.7	10.0	ug/L	100.00	0.28	98	75-125			
Nickel	98.6	50.0	ug/L	100.00	5.21	93	75-125			
Selenium	94.1	10.0	ug/L	100.00	ND	94	75-125			
Silver	97.1	10.0	ug/L	100.00	ND	97	75-125			
Thallium	102	5.50	ug/L	100.00	ND	102	75-125			
Vanadium	100	25.0	ug/L	100.00	16.8	84	75-125			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3110097 - EPA 3005A										
Matrix Spike (3110097-MS1)		**Source: AWK0097-01**					Prepared: 11/06/13 Analyzed: 11/08/13			
Zinc	111	10.0	ug/L	100.00	16.5	95	75-125			
Matrix Spike Dup (3110097-MSD1)		**Source: AWK0097-01**					Prepared: 11/06/13 Analyzed: 11/08/13			
Antimony	97.9	6.00	ug/L	100.00	ND	98	75-125	0.3	20	
Arsenic	99.8	10.0	ug/L	100.00	1.06	99	75-125	6	20	
Barium	138	100	ug/L	100.00	41.5	96	75-125	0.9	20	
Beryllium	92.1	1.00	ug/L	100.00	ND	92	75-125	3	20	
Cadmium	97.6	1.00	ug/L	100.00	ND	98	75-125	0.9	20	
Chromium	94.8	10.0	ug/L	100.00	ND	95	75-125	6	20	
Cobalt	108	10.0	ug/L	100.00	10.2	97	75-125	6	20	
Copper	103	10.0	ug/L	100.00	2.04	101	75-125	5	20	
Lead	99.9	10.0	ug/L	100.00	0.28	100	75-125	1	20	
Nickel	105	50.0	ug/L	100.00	5.21	100	75-125	6	20	
Selenium	96.5	10.0	ug/L	100.00	ND	96	75-125	2	20	
Silver	95.4	10.0	ug/L	100.00	ND	95	75-125	2	20	
Thallium	104	5.50	ug/L	100.00	ND	104	75-125	3	20	
Vanadium	100	25.0	ug/L	100.00	16.8	83	75-125	0.3	20	
Zinc	114	10.0	ug/L	100.00	16.5	98	75-125	3	20	
Post Spike (3110097-PS1)		**Source: AWK0097-01**					Prepared: 11/06/13 Analyzed: 11/08/13			
Antimony	97.6		ug/L	100.00	-0.08	98	80-120			
Arsenic	97.3		ug/L	100.00	1.06	96	80-120			
Barium	136		ug/L	100.00	41.5	95	80-120			
Beryllium	92.7		ug/L	100.00	-0.05	93	80-120			
Cadmium	96.3		ug/L	100.00	-0.05	96	80-120			
Chromium	96.3		ug/L	100.00	-1.10	97	80-120			
Cobalt	105		ug/L	100.00	10.2	95	80-120			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3110097 - EPA 3005A										
Post Spike (3110097-PS1)		**Source: AWK0097-01**					Prepared: 11/06/13 Analyzed: 11/08/13			
Copper	101		ug/L	100.00	2.04	99	80-120			
Lead	98.5		ug/L	100.00	0.28	98	80-120			
Nickel	103		ug/L	100.00	5.21	97	80-120			
Selenium	96.2		ug/L	100.00	-0.33	97	80-120			
Silver	94.0		ug/L	100.00	ND	94	80-120			
Thallium	105		ug/L	100.00	-0.10	105	80-120			
Vanadium	96.7		ug/L	100.00	16.8	80	80-120			
Zinc	111		ug/L	100.00	16.5	95	80-120			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100723 - EPA 5030B										
Blank (3100723-BLK1)							Prepared & Analyzed: 10/28/13			
Acetone	ND	100	ug/L							
Acrylonitrile	ND	200	ug/L							
Benzene	ND	1.0	ug/L							
Bromochloromethane	ND	3.0	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	3.0	ug/L							
Bromomethane	ND	10	ug/L							
Carbon Disulfide	ND	100	ug/L							
Carbon Tetrachloride	ND	1.0	ug/L							
Chlorobenzene	ND	3.0	ug/L							
Chloroethane	ND	10	ug/L							
Chloroform	ND	5.0	ug/L							
Chloromethane	ND	1.0	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
1,2-Dibromo-3-chloropropane	ND	13	ug/L							
1,2-Dibromoethane	ND	1.0	ug/L							
Dibromomethane	ND	10	ug/L							
1,2-Dichlorobenzene	ND	5.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
trans-1,4-Dichloro-2-butene	ND	100	ug/L							
Dichlorodifluoromethane	ND	5.0	ug/L							
1,1-Dichloroethane	ND	5.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	5.0	ug/L							
cis-1,2-Dichloroethene	ND	5.0	ug/L							
trans-1,2-Dichloroethene	ND	5.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100723 - EPA 5030B										
Blank (3100723-BLK1)							Prepared & Analyzed: 10/28/13			
cis-1,3-Dichloropropene	ND	1.0	ug/L							
trans-1,3-Dichloropropene	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
Iodomethane	ND	10	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	50	ug/L							
Methylene Chloride	ND	1.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L							
Styrene	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Vinyl Acetate	ND	50	ug/L							
Vinyl Chloride	ND	1.0	ug/L							
Xylenes, total	ND	4.0	ug/L							
Surr: Dibromofluoromethane	*46*		*ug/L*	*50.000*		*92*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*52*		*ug/L*	*50.000*		*103*	*78-120*			
Surr: Toluene-d8	*51*		*ug/L*	*50.000*		*102*	*80-120*			
Surr: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*100*	*80-120*			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100723 - EPA 5030B										
LCS (3100723-BS1)							Prepared & Analyzed: 10/28/13			
Benzene	50		ug/L	50.000		99	67-134			
Chlorobenzene	59		ug/L	50.000		118	69-122			
1,1-Dichloroethene	44		ug/L	50.000		88	58-142			
Toluene	52		ug/L	50.000		104	68-127			
Trichloroethene	52		ug/L	50.000		104	72-132			
Surr: Dibromofluoromethane	*45*		*ug/L*	*50.000*		*90*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*103*	*78-120*			
Surr: Toluene-d8	*51*		*ug/L*	*50.000*		*102*	*80-120*			
Surr: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*103*	*80-120*			
Matrix Spike (3100723-MS1)		**Source: AWJ0840-07**					Prepared & Analyzed: 10/28/13			
Benzene	53		ug/L	50.000	1.4	103	67-134			
Chlorobenzene	61		ug/L	50.000	0.8	120	69-122			
1,1-Dichloroethene	47		ug/L	50.000	ND	94	58-142			
Toluene	54		ug/L	50.000	ND	108	68-127			
Trichloroethene	53		ug/L	50.000	0.4	106	72-132			
Surr: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*95*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*102*	*78-120*			
Surr: Toluene-d8	*51*		*ug/L*	*50.000*		*103*	*80-120*			
Surr: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*80-120*			
Matrix Spike Dup (3100723-MSD1)		**Source: AWJ0840-07**					Prepared & Analyzed: 10/28/13			
Benzene	55		ug/L	50.000	1.4	106	67-134	3	9	
Chlorobenzene	62		ug/L	50.000	0.8	123	69-122	2	13	QM-05
1,1-Dichloroethene	49		ug/L	50.000	ND	98	58-142	4	9	

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100723 - EPA 5030B										
Matrix Spike Dup (3100723-MSD1)	**Source: AWJ0840-07**						Prepared & Analyzed: 10/28/13			
Toluene	55		ug/L	50.000	ND	110	68-127	2	9	
Trichloroethene	56		ug/L	50.000	0.4	111	72-132	4	11	
Surr: Dibromofluoromethane	*46*		*ug/L*	*50.000*		*93*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*102*	*78-120*			
Surr: Toluene-d8	*51*		*ug/L*	*50.000*		*102*	*80-120*			
Surr: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*80-120*			
Batch 3100732 - EPA 5030B										
Blank (3100732-BLK1)							Prepared & Analyzed: 10/28/13			
Acetone	ND	100	ug/L							
Acrylonitrile	ND	200	ug/L							
Benzene	ND	1.0	ug/L							
Bromochloromethane	ND	3.0	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	3.0	ug/L							
Bromomethane	ND	10	ug/L							
Carbon Disulfide	ND	100	ug/L							
Carbon Tetrachloride	ND	1.0	ug/L							
Chlorobenzene	ND	3.0	ug/L							
Chloroethane	ND	10	ug/L							
Chloroform	ND	5.0	ug/L							
Chloromethane	ND	1.0	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
1,2-Dibromo-3-chloropropane	ND	13	ug/L							
1,2-Dibromoethane	ND	1.0	ug/L							

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100732 - EPA 5030B										
Blank (3100732-BLK1)							Prepared & Analyzed: 10/28/13			
Dibromomethane	ND	10	ug/L							
1,2-Dichlorobenzene	ND	5.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
trans-1,4-Dichloro-2-butene	ND	100	ug/L							
Dichlorodifluoromethane	ND	5.0	ug/L							
1,1-Dichloroethane	ND	5.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	5.0	ug/L							
cis-1,2-Dichloroethene	ND	5.0	ug/L							
trans-1,2-Dichloroethene	ND	5.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
cis-1,3-Dichloropropene	ND	1.0	ug/L							
trans-1,3-Dichloropropene	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
Iodomethane	ND	10	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	50	ug/L							
Methylene Chloride	ND	1.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L							
Styrene	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
Trichloroethene	ND	1.0	ug/L							

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100732 - EPA 5030B										
Blank (3100732-BLK1)							Prepared & Analyzed: 10/28/13			
Trichlorofluoromethane	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Vinyl Acetate	ND	50	ug/L							
Vinyl Chloride	ND	1.0	ug/L							
Xylenes, total	ND	4.0	ug/L							
Surr: Dibromofluoromethane	*46*		*ug/L*	*50.000*		*92*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*80-120*			
Surr: 4-Bromofluorobenzene	*52*		*ug/L*	*50.000*		*103*	*80-120*			
LCS (3100732-BS1)							Prepared & Analyzed: 10/28/13			
Benzene	47		ug/L	50.000		93	67-134			
Chlorobenzene	47		ug/L	50.000		93	69-122			
1,1-Dichloroethene	44		ug/L	50.000		89	58-142			
Toluene	48		ug/L	50.000		96	68-127			
Trichloroethene	47		ug/L	50.000		93	72-132			
Surr: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*99*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*97*	*78-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*80-120*			
Surr: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*99*	*80-120*			
Matrix Spike (3100732-MS1)	**Source: AWJ0845-18**						Prepared & Analyzed: 10/28/13			
Benzene	47		ug/L	50.000	ND	93	67-134			
Chlorobenzene	56		ug/L	50.000	ND	112	69-122			
1,1-Dichloroethene	42		ug/L	50.000	ND	84	58-142			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100732 - EPA 5030B										
Matrix Spike (3100732-MS1)	**Source: AWJ0845-18**						Prepared & Analyzed: 10/28/13			
Toluene	51		ug/L	50.000	ND	103	68-127			
Trichloroethene	48		ug/L	50.000	ND	96	72-132			
Surr: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*93*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*102*	*78-120*			
Surr: Toluene-d8	*50*		*ug/L*	*50.000*		*99*	*80-120*			
Surr: 4-Bromofluorobenzene	*52*		*ug/L*	*50.000*		*105*	*80-120*			
Matrix Spike Dup (3100732-MSD1)	**Source: AWJ0845-18**						Prepared & Analyzed: 10/28/13			
Benzene	45		ug/L	50.000	ND	90	67-134	4	9	
Chlorobenzene	55		ug/L	50.000	ND	109	69-122	2	13	
1,1-Dichloroethene	40		ug/L	50.000	ND	80	58-142	5	9	
Toluene	50		ug/L	50.000	ND	99	68-127	3	9	
Trichloroethene	46		ug/L	50.000	ND	92	72-132	4	11	
Surr: Dibromofluoromethane	*46*		*ug/L*	*50.000*		*93*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*101*	*78-120*			
Surr: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*80-120*			
Surr: 4-Bromofluorobenzene	*52*		*ug/L*	*50.000*		*103*	*80-120*			
Batch 3100737 - EPA 5030B										
Blank (3100737-BLK1)							Prepared & Analyzed: 10/29/13			
Acetone	ND	100	ug/L							
Acrylonitrile	ND	200	ug/L							
Benzene	ND	1.0	ug/L							
Bromochloromethane	ND	3.0	ug/L							

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100737 - EPA 5030B										
Blank (3100737-BLK1)							Prepared & Analyzed: 10/29/13			
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	3.0	ug/L							
Bromomethane	ND	10	ug/L							
Carbon Disulfide	ND	100	ug/L							
Carbon Tetrachloride	ND	1.0	ug/L							
Chlorobenzene	ND	3.0	ug/L							
Chloroethane	ND	10	ug/L							
Chloroform	ND	5.0	ug/L							
Chloromethane	ND	1.0	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
1,2-Dibromo-3-chloropropane	ND	13	ug/L							
1,2-Dibromoethane	ND	1.0	ug/L							
Dibromomethane	ND	10	ug/L							
1,2-Dichlorobenzene	ND	5.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
trans-1,4-Dichloro-2-butene	ND	100	ug/L							
Dichlorodifluoromethane	ND	5.0	ug/L							
1,1-Dichloroethane	ND	5.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	5.0	ug/L							
cis-1,2-Dichloroethene	ND	5.0	ug/L							
trans-1,2-Dichloroethene	ND	5.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
cis-1,3-Dichloropropene	ND	1.0	ug/L							
trans-1,3-Dichloropropene	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
Iodomethane	ND	10	ug/L							

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100737 - EPA 5030B										
Blank (3100737-BLK1)							Prepared & Analyzed: 10/29/13			
Methyl Butyl Ketone (2-Hexanone)	ND	50	ug/L							
Methylene Chloride	ND	1.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L							
Styrene	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Vinyl Acetate	ND	50	ug/L							
Vinyl Chloride	ND	1.0	ug/L							
Xylenes, total	ND	4.0	ug/L							
Surr: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*93*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*103*	*78-120*			
Surr: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*80-120*			
Surr: 4-Bromofluorobenzene	*53*		*ug/L*	*50.000*		*106*	*80-120*			
LCS (3100737-BS1)							Prepared & Analyzed: 10/29/13			
Benzene	47		ug/L	50.000		95	67-134			
Chlorobenzene	58		ug/L	50.000		116	69-122			
1,1-Dichloroethene	42		ug/L	50.000		84	58-142			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100737 - EPA 5030B										
LCS (3100737-BS1)							Prepared & Analyzed: 10/29/13			
Toluene	52		ug/L	50.000		105	68-127			
Trichloroethene	48		ug/L	50.000		97	72-132			
Surr: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*93*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*78-120*			
Surr: Toluene-d8	*50*		*ug/L*	*50.000*		*99*	*80-120*			
Surr: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*80-120*			
Matrix Spike (3100737-MS1)		**Source: AWJ0840-25**					Prepared & Analyzed: 10/29/13			
Benzene	47		ug/L	50.000	ND	93	67-134			
Chlorobenzene	57		ug/L	50.000	ND	114	69-122			
1,1-Dichloroethene	42		ug/L	50.000	ND	84	58-142			
Toluene	51		ug/L	50.000	ND	102	68-127			
Trichloroethene	47		ug/L	50.000	0.2	94	72-132			
Surr: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*93*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*52*		*ug/L*	*50.000*		*104*	*78-120*			
Surr: Toluene-d8	*50*		*ug/L*	*50.000*		*99*	*80-120*			
Surr: 4-Bromofluorobenzene	*52*		*ug/L*	*50.000*		*103*	*80-120*			
Matrix Spike Dup (3100737-MSD1)		**Source: AWJ0840-25**					Prepared & Analyzed: 10/29/13			
Benzene	45		ug/L	50.000	ND	90	67-134	3	9	
Chlorobenzene	56		ug/L	50.000	ND	112	69-122	2	13	
1,1-Dichloroethene	39		ug/L	50.000	ND	78	58-142	6	9	
Toluene	49		ug/L	50.000	ND	97	68-127	5	9	
Trichloroethene	45		ug/L	50.000	0.2	90	72-132	5	11	

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100737 - EPA 5030B										
Matrix Spike Dup (3100737-MSD1)		**Source: AWJ0840-25**					Prepared & Analyzed: 10/29/13			
Surr: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*93*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*52*		*ug/L*	*50.000*		*104*	*78-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*99*	*80-120*			
Surr: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*103*	*80-120*			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2014
NC	North Carolina	381	12/31/2013
NELAC	FL DOH (Non-Pot. Water, Solids) Eff:: 07/01/2013	E87315	06/30/2014
SC	South Carolina	98011001	06/30/2014
TX	Texas	T104704397-08-TX	03/31/2014
VA	Virginia	1340	12/14/2013

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

Legend

Defination of Laboratory Terms

ND - Not Detected at levels greater than or equal to SWSL/RL
SWSL/RL - NC DENR Solid Waste Section LImit/Reporting Limit (Adjusted for DF/Prep Factor)
DF - Dilution Factor
MDL - Method Detection Limit

Qualifiers

QR-01 RPD was outside acceptance limits due to sample concentrations near or below the reporting limit.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD and/or PDS due to suspected matrix interference. Sample results for the QC batch were accepted based on acceptable LCS recoveries.

QM-02 The spike recovery is outside acceptance limits due to insignificant spike amount as compared to sample concentration.

J Estimated value less than Reporting Limit (RL) but greater than Method Detection Limit(MDL) (CLP J-Flag).

B-01 Analyte was detected in the associated method blank at an estimated level equal to or greater than the MDL. Sample values reported as greater than the MDL and less than 10x the method blank value are reported as estimated values.

Note: Unless otherwise noted, all results are reported on an as received basis.

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

207423

CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 4

CLIENT NAME: Allied Waste - Charlotte
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 5105-A Morehead Rd Concord, NC 28027
REPORT TO:
CC:
REQUESTED COMPLETION DATE:
PO #:
PROJECT NAME/STATE: Charlotte Mora Speedway Landfill SA
PROJECT #: PERMIT # 13-04

ANALYSIS REQUESTED: PH SC TEMP TURB (on site) WL WD; Metals + Hg + Tin; Metals + Hg + Tin; VOC + BTEX

DATE	TIME	MATRIX CODE*	COMP/GRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	CONTAINER TYPE	PRESERVATION	REMARKS/ADDITIONAL INFORMATION
10/22	0854	GW	X	MW-11	4	3	1	1
10/22	0920	GW	X	MW-14	4	3	1	2
10/22	1052	GW	X	MW-14B	4	3	1	3
10/22	1341	GW	X	MW-16	4	3	1	4
10/23	1309	GW	X	MW-17	4	3	1	5
10/23	1408	GW	X	MW-17A	4	3	1	6
10/23	1530	GW	X	MW-18A	4	3	1	7
10/24	0839	GW	X	MW-19	4	3	1	8
10/24	1054	GW	X	MW-19A	4	3	1	9
10/24	1339	GW	X	MW-19AR	4	3	1	10
10/24	1302	GW	X	MW-19R	4	3	1	11
10/24		GW	X					

CONTAINER TYPE: P - PLASTIC; A - AMBER GLASS; G - CLEAR GLASS; V - VOA VIAL; S - STERILE; O - OTHER

PRESERVATION: 1 - HCl, 4°; 2 - H2SO4, 4°; 3 - HNO3, 4°; 4 - NaOH, 4°; 5 - NaOH/ZnAc, 4°; 6 - Na2S2O3, 4°; 7 - 4°

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

SAMPLED BY AND TITLE: R Powe D Lowell — DATE/TIME: See Above
RECEIVED BY: — DATE/TIME:
RELINQUISHED BY: — DATE/TIME: 10/25/13 1310
RELINQUISHED BY: — DATE/TIME:
RECEIVED BY/LAB: — DATE/TIME: 10/25/13 1310
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
Temperature: 4°C
Custody Seal: Intact Broken Missing
Cooler #
Logged by and Date:
pH: Lot# or No
Please use Black Ink to complete form.

FOR LAB USE ONLY
LAB #: H4070847
In-house location: V1
Entered into LIMS:

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

226329

CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 2 OF 4

CLIENT NAME: Allied Waste - Charlotte
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 5105-A Morehead Rd Concord, NC 28027
REPORT TO:
CC:
REQUESTED COMPLETION DATE:
PO #:
PROJECT NAME/STATE: Charlotte Motor Speedway Landfill SA
PROJECT #: Permit # 1304

CONTAINER TYPE / PRESERVATION

CONTAINER TYPE: P - PLASTIC, A - AMBER GLASS, G - CLEAR GLASS, V - VOA VIAL, S - STERILE, O - OTHER

PRESERVATION: 1 - HCL, 4°; 2 - H2SO4, 4°; 3 - HNO3, 4°; 4 - NaOH, 4°; 5 - NaOH/ZnAc, 4°; 6 - Na2S2O3, 4°; 7 - 4°

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

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE	# of CONTAINERS	App III VOC + DCBFM	App III Metals + Hg + Tin	RE: SL Temp Trap Ms up (on site)	SAMPLE IDENTIFICATION	REMARKS/ADDITIONAL INFORMATION
10/22	1402	GW	4	3	1	X	MW-26	12
10/23	1435	GW	4	3	1	X	MW-27	13
10/23	0822	GW	4	3	1	X	MW-28	14
10/23	0906	GW	4	3	1	X	MW-29R	15
10/23	1000	GW	4	3	1	X	MW-31	16
10/23	1059	GW	4	3	1	X	MW-32R	17
10/24	1050	~~GW~~	4	3	1	X	Field Blank	18

SAMPLED BY AND TITLE: Mike Russell — DATE/TIME: ~~10/24~~ 10/25/13
RECEIVED BY: — DATE/TIME:
RELINQUISHED BY: — DATE/TIME: 10/25/13 1310
RELINQUISHED BY: — DATE/TIME:
RECEIVED BY: — DATE/TIME: 10/25/13 1310
pH: Acidified Preserved Ice: Yes or No
Temperature: 4°
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER: EX
Custody Seal: Intact Broken Missing
Cooler #

FOR LAB USE ONLY
In-house location: V1
LAB #: A170840
Entered into LIMS:

Please use Black Ink to complete form.

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

226335

CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 3 OF 4

CLIENT NAME: Allied Waste - Charlotte
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 5105-A Morehead Rd Concord, NC 28027
REPORT TO: Mr Mike Gurley
CC:
REQUESTED COMPLETION DATE:
PO #:
PROJECT NAME/STATE: Charlotte Motor Speedway I Landfill SA
PROJECT #: PERMIT # 13-04

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	CGRAB	SAMPLE IDENTIFICATION	# of CONTAINERS	App IV VOC + SCOFM	Total App I Metals + Hg	App I VOC + SCOFM	Water: Turb Temp, pH, Cond, SC	REMARKS/ADDITIONAL INFORMATION
10/22/13	1320	GW	X	MW-1A	4	1	1	3	X	14
10/22/13	0827	GW	X	MW-1B	4	1	1	3	X	20
10/22/13	1049	GW	X	MW-2A	4	1	1	3	X	21
10/22/13	1125	GW	X	MW-2B	4	1	1	3	X	22
10/22/13	1048	GW	X	MW-10	4	1	1	3	X	23
10/22/13	1317	GW	X	MW-10A	4	1	1	3	X	24
10/22/13	1002	GW	X	MW-12	4	1	1	3	X	25
10/22/13	0902	GW	X	MW-15	4	1	1	3	X	26
10/22/13	1518	GW	X	MW-20AR	4	1	1	3	X	27
10/22/13	1009	GW	X	MW-20B	4	1	1	3	X	28
10/22/13	1425	GW	X	MW-21	3			3	X	29
10/22/13	0817	GW	X	↳	1			1	X	30

CONTAINER TYPE: P - PLASTIC; A - AMBER GLASS; G - CLEAR GLASS; V - VOA VIAL; S - STERILE; O - OTHER

PRESERVATION: 1 - HCl, 4°; 2 - H2SO4, 4°; 3 - HNO3, 4°; 4 - NaOH, 4°; 5 - NaOH/ZnAc, 4°; 6 - Na2S2O3, 4°; 7 - 4°

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

SAMPLED BY AND TITLE: E. Cole O. Russell — DATE/TIME: See Above
RELINQUISHED BY: — DATE/TIME:
RECEIVED BY: — DATE/TIME:
RELINQUISHED BY: — DATE/TIME: 10/25/13 @ 1310
RECEIVED BY: — DATE/TIME:
RECEIVED BY LAB: Charles Hunter — DATE/TIME: 10/25/13 1310
pH: Labeled/Preserved Ice: Yes or No
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
Temperature: 4°C Custody Seal: Intact Broken Missing Cooler #
FOR LAB USE ONLY: LAB #: HWJ0840 In-house location: V1 Entered Into LIMS: GW
Please use Black Ink to complete form.

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 25, 2013

226336

CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 4 OF 4

CLIENT NAME: Allied Waste-Charlotte
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 5105-A Morehead Rd. Concord, NC 28027
REPORT TO: Mr. Mike Gurley
CC:
REQUESTED COMPLETION DATE:
PO #:
PROJECT NAME/STATE: Charlotte Motor Speedway Landfill
PROJECT #: PERMIT # 13-04

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE (GRAB)	SAMPLE IDENTIFICATION	# of CONTAINERS	App. I VOC + DRAM	Total App. I Metals + Hg	NC App. I VOC	NC App. I Metals	Piezometer: pH, Temp, Sc, Turb, Lvl, Elev	Piezometer: Turb	Piezometer: pH, Sc, Temp, Turb, Lvl	REMARKS/ADDITIONAL INFORMATION
10/23/13	0916	GW	MW-22	3	3							
10/23/13	1005	GW	MW-22A	4	3	1						
10/23/13	1110	GW	MW-24	4	3	1						
10/23/13	1138	GW	MW-25	4	3	1						
10/23/13	1303	GW	MW-30R	4	3	1						
10/24/13	1332	GW	MW-33	4	3	1						
10/22/13	-	GW	DUPLICATE	4	3	1						
10/25/13	1307	W	Equip Blank	4	3	1						
10/21/13	0802	GW	MW-22	1		1			X			
10/21/13	1446	SW	SW-1	4		3	1			X		
10/21/13	1522	SW	SW-2	4		3	1			X		

CONTAINER TYPE: A - P- PLASTIC; B - A- AMBER GLASS; G- CLEAR GLASS; V- VOA VIAL; S- STERILE; O- OTHER

PRESERVATION: 1- HCl, 4°; 2- H2SO4, 4°; 3- HNO3, 4°; 4- NaOH, 4°; 5- NaOH/ZnAc, 4°; 6- Na2S2O3, 4°; 7- 4°

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

SAMPLED BY AND TITLE: R. Gaue - D. Russell
DATE/TIME: See Above
RECEIVED BY:
DATE/TIME:
RELINQUISHED BY:
DATE/TIME: 10/25/13 0910
RELINQUISHED BY:
DATE/TIME:
RECEIVED BY/LAB:
DATE/TIME: 10/25/13 1310
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER:
Custody Seal: Intact Broken
Temperature: 4°C
Cooler #
Lab Use Only: Received Cooler Seal Intact Yes or No
Please use Black Ink to complete form.

FOR LAB USE ONLY
LAB #: HNTB40
In-house location:
Entered Into LIMS:

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

Laboratory Report

Report Number: AWJ0835

Project: Charlotte Motor Speedway Leachate

Project #:[none]

Prepared For:
Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord, NC 28027

Attention: Mr. Mike Gurley

November 12, 2013

We appreciate the opportunity to provide the analytical support for your project. The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call. Analytical Services, Inc. certifies that the following analytical results meet all requirements of the National Environmental Laboratory Accreditation Conference(NELAC).All test results relate only to the samples analyzed.

Approved:

Project Manager

This report may not be reproduced, except in full, without written approval from Analytical Services, Inc.

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1304-Untreated Leachate	AWJ0835-01	Leachate	10/25/13 07:30	10/25/13 13:10

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Client ID: 1304-Untreated Leachate
Lab No: AWJ0835-01
Matrix: Leachate

Project: Charlotte Motor Speedway Leachate
Date/Time Sampled: 10/25/13 07:30
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0835

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
On Site												
Field - Specific Conductance	EPA 9050A	NA	4680	1	1	umhos/cm		1	COND	10/25/13 07:30	10/25/13 07:30	3110243
Field - pH	EPA 9040C	NA	8.10		1	pH Units			PH	10/25/13 07:30	10/25/13 07:30	3110243
Field - Temperature	SM 2550 B	NA	11.7		1	°C			TEMP	10/25/13 07:30	10/25/13 07:30	3110243
General Chemistry												
Biochemical Oxygen Demand	SM 5210 B	SM 5210 B	30900	5520	1	ug/L		2.0	E-10106	10/25/13 14:10	10/30/13 07:27	3100677
Chemical Oxygen Demand	SM 5220 D	SM 5220 D	60000	40	4	ug/L		40	E-10117	10/30/13 11:30	10/30/13 15:10	3100770
Orthophosphate as P	SM 4500-P E	SM 4500-P E	30	20	1	ug/L		20	14265-44-2	10/25/13 19:45	10/25/13 19:45	3100700
Phosphorus-Total	SM 4500-P B,E	SM 4500-P B	234	0.02	1.11	ug/L		0.02	7723-14-0	11/01/13 11:00	11/04/13 17:40	3100813
Inorganic Anions												
Nitrate/Nitrite as N	EPA 9056A	EPA 300.0	150	100	2	ug/L	R-01	100	E-10128	10/25/13 22:46	10/25/13 22:46	3100698
Nitrate as N	EPA 9056A	EPA 300.0	ND	100	2	ug/L	R-01	100	14797-55-8	10/25/13 22:46	10/25/13 22:46	3100698
Sulfate	EPA 9056A	EPA 300.0	20000	10000	2	ug/L		10000	14808-79-8	10/25/13 22:46	10/25/13 22:46	3100698
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	98.2	6.00	1	ug/L	B-01	0.22	7440-36-0	10/29/13 09:05	10/29/13 18:31	3100726
Arsenic	EPA 6020A	EPA 3005A	445	10.0	1	ug/L		0.78	7440-38-2	10/29/13 09:05	11/06/13 18:44	3100726
Barium	EPA 6020A	EPA 3005A	823	100	1	ug/L		0.25	7440-39-3	10/29/13 09:05	10/29/13 18:31	3100726
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.11	7440-41-7	10/29/13 09:05	10/29/13 18:31	3100726
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	10/29/13 09:05	10/29/13 18:31	3100726
Chromium	EPA 6020A	EPA 3005A	4.28	10.0	1	ug/L	J	0.58	7440-47-3	10/29/13 09:05	10/29/13 18:31	3100726

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Client ID: 1304-Untreated Leachate
Lab No: AWJ0835-01
Matrix: Leachate

Project: Charlotte Motor Speedway Leachate
Date/Time Sampled: 10/25/13 07:30
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0835

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Cobalt	EPA 6020A	EPA 3005A	12.2	10.0	1	ug/L		0.12	7440-48-4	10/29/13 09:05	10/29/13 18:31	3100726
Copper	EPA 6020A	EPA 3005A	5.63	10.0	1	ug/L	J	0.38	7440-50-8	10/29/13 09:05	10/29/13 18:31	3100726
Lead	EPA 6020A	EPA 3005A	0.13	10.0	1	ug/L	J	0.05	7439-92-1	10/29/13 09:05	10/29/13 18:31	3100726
Nickel	EPA 6020A	EPA 3005A	84.0	50.0	1	ug/L		0.41	7440-02-0	10/29/13 09:05	10/29/13 18:31	3100726
Selenium	EPA 6020A	EPA 3005A	4.26	10.0	1	ug/L	J	0.77	7782-49-2	10/29/13 09:05	11/06/13 18:44	3100726
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.24	7440-22-4	10/29/13 09:05	10/29/13 18:31	3100726
Thallium	EPA 6020A	EPA 3005A	0.18	5.50	1	ug/L	J	0.06	7440-28-0	10/29/13 09:05	10/29/13 18:31	3100726
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.97	7440-62-2	10/29/13 09:05	10/29/13 18:31	3100726
Zinc	EPA 6020A	EPA 3005A	13.4	10.0	1	ug/L	B-01	0.87	7440-66-6	10/29/13 09:05	10/29/13 18:31	3100726
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	690	500	10	ug/L		16	67-64-1	10/28/13 16:04	10/28/13 20:30	3100732
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		0.8	107-13-1	10/28/13 16:04	10/28/13 22:22	3100732
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	71-43-2	10/28/13 16:04	10/28/13 22:22	3100732
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/28/13 16:04	10/28/13 22:22	3100732
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	75-27-4	10/28/13 16:04	10/28/13 22:22	3100732
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.6	75-25-2	10/28/13 16:04	10/28/13 22:22	3100732
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.9	74-83-9	10/28/13 16:04	10/28/13 22:22	3100732
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.2	75-15-0	10/28/13 16:04	10/28/13 22:22	3100732
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	56-23-5	10/28/13 16:04	10/28/13 22:22	3100732
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/28/13 16:04	10/28/13 22:22	3100732
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.6	75-00-3	10/28/13 16:04	10/28/13 22:22	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Client ID: 1304-Untreated Leachate
Lab No: AWJ0835-01
Matrix: Leachate

Project: Charlotte Motor Speedway Leachate
Date/Time Sampled: 10/25/13 07:30
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0835

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	67-66-3	10/28/13 16:04	10/28/13 22:22	3100732
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	74-87-3	10/28/13 16:04	10/28/13 22:22	3100732
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.5	124-48-1	10/28/13 16:04	10/28/13 22:22	3100732
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/28/13 16:04	10/28/13 22:22	3100732
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/28/13 16:04	10/28/13 22:22	3100732
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	10/28/13 16:04	10/28/13 22:22	3100732
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	95-50-1	10/28/13 16:04	10/28/13 22:22	3100732
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	0.6	1.0	1	ug/L	J	0.4	106-46-7	10/28/13 16:04	10/28/13 22:22	3100732
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/28/13 16:04	10/28/13 22:22	3100732
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-34-3	10/28/13 16:04	10/28/13 22:22	3100732
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/28/13 16:04	10/28/13 22:22	3100732
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	75-35-4	10/28/13 16:04	10/28/13 22:22	3100732
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-59-2	10/28/13 16:04	10/28/13 22:22	3100732
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	156-60-5	10/28/13 16:04	10/28/13 22:22	3100732
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	78-87-5	10/28/13 16:04	10/28/13 22:22	3100732
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.6	10061-01-5	10/28/13 16:04	10/28/13 22:22	3100732
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	10061-02-6	10/28/13 16:04	10/28/13 22:22	3100732
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.5	100-41-4	10/28/13 16:04	10/28/13 22:22	3100732
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.0	74-88-4	10/28/13 16:04	10/28/13 22:22	3100732
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.9	591-78-6	10/28/13 16:04	10/28/13 22:22	3100732
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-09-2	10/28/13 16:04	10/28/13 22:22	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Client ID: 1304-Untreated Leachate
Lab No: AWJ0835-01
Matrix: Leachate

Project: Charlotte Motor Speedway Leachate
Date/Time Sampled: 10/25/13 07:30
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0835

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	540	500	10	ug/L		7.6	78-93-3	10/28/13 16:04	10/28/13 20:30	3100732
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	24	100	1	ug/L	J	1.8	108-10-1	10/28/13 16:04	10/28/13 22:22	3100732
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-42-5	10/28/13 16:04	10/28/13 22:22	3100732
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	630-20-6	10/28/13 16:04	10/28/13 22:22	3100732
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	79-34-5	10/28/13 16:04	10/28/13 22:22	3100732
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	127-18-4	10/28/13 16:04	10/28/13 22:22	3100732
Toluene	EPA 8260B	EPA 5030B	0.4	1.0	1	ug/L	J	0.3	108-88-3	10/28/13 16:04	10/28/13 22:22	3100732
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.8	71-55-6	10/28/13 16:04	10/28/13 22:22	3100732
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-00-5	10/28/13 16:04	10/28/13 22:22	3100732
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	79-01-6	10/28/13 16:04	10/28/13 22:22	3100732
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	75-69-4	10/28/13 16:04	10/28/13 22:22	3100732
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	96-18-4	10/28/13 16:04	10/28/13 22:22	3100732
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.6	108-05-4	10/28/13 16:04	10/28/13 22:22	3100732
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/28/13 16:04	10/28/13 22:22	3100732
Xylenes, total	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	1330-20-7	10/28/13 16:04	10/28/13 22:22	3100732
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	96 %		80-120				1868-53-7	10/28/13 16:04	10/28/13 20:30	3100732
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	96 %		80-120				1868-53-7	10/28/13 16:04	10/28/13 22:22	3100732
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	101 %		78-120				17060-07-0	10/28/13 16:04	10/28/13 20:30	3100732
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	102 %		78-120				17060-07-0	10/28/13 16:04	10/28/13 22:22	3100732
Surr: Toluene-d8	EPA 8260B	EPA 5030B	99 %		80-120				2037-26-5	10/28/13 16:04	10/28/13 20:30	3100732
Surr: Toluene-d8	EPA 8260B	EPA 5030B	101 %		80-120				2037-26-5	10/28/13 16:04	10/28/13 22:22	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Client ID: 1304-Untreated Leachate
Lab No: AWJ0835-01
Matrix: Leachate

Project: Charlotte Motor Speedway Leachate
Date/Time Sampled: 10/25/13 07:30
Date/Time Received: 10/25/13 13:10

Report No.: AWJ0835

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Volatile Organic Compounds by EPA 8260												
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	10/28/13 16:04	10/28/13 20:30	3100732
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	103 %		80-120				460-00-4	10/28/13 16:04	10/28/13 22:22	3100732

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100677 - SM 5210 B										
Blank (3100677-BLK1)							Prepared: 10/25/13 Analyzed: 10/30/13			
Biochemical Oxygen Demand	80.0	2000	ug/L							J
LCS (3100677-BS1)							Prepared: 10/25/13 Analyzed: 10/30/13			
Biochemical Oxygen Demand	205000	2000	ug/L	198000		104	85-115			
Duplicate (3100677-DUP1)		Source: AWJ0814-02					Prepared: 10/25/13 Analyzed: 10/30/13			
Biochemical Oxygen Demand	1140000	22000	ug/L		982000			15	20	
Batch 3100700 - SM 4500-P E										
Blank (3100700-BLK1)							Prepared & Analyzed: 10/25/13			
Orthophosphate as P	ND	20.0	ug/L							
LCS (3100700-BS1)							Prepared & Analyzed: 10/25/13			
Orthophosphate as P	525	20.0	ug/L	500.00		105	90-110			
Matrix Spike (3100700-MS1)		Source: AWJ0784-01					Prepared & Analyzed: 10/25/13			
Orthophosphate as P	529	20.0	ug/L	500.00	ND	106	87-111			
Matrix Spike Dup (3100700-MSD1)		Source: AWJ0784-01					Prepared & Analyzed: 10/25/13			
Orthophosphate as P	529	20.0	ug/L	500.00	ND	106	87-111	0	5	
Batch 3100770 - SM 5220 D										
Blank (3100770-BLK1)							Prepared & Analyzed: 10/30/13			
Chemical Oxygen Demand	ND	10	ug/L							

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100770 - SM 5220 D										
LCS (3100770-BS1)							Prepared & Analyzed: 10/30/13			
Chemical Oxygen Demand	209000	10000	ug/L	200000		105	90-110			
Duplicate (3100770-DUP1)		**Source: AWJ0896-02**					Prepared & Analyzed: 10/30/13			
Chemical Oxygen Demand	1660000	100000	ug/L		1650000			0.7	10	
Matrix Spike (3100770-MS1)		**Source: AWJ0886-01**					Prepared & Analyzed: 10/30/13			
Chemical Oxygen Demand	225000	10000	ug/L	200000	18600	103	90-110			
Matrix Spike Dup (3100770-MSD1)		**Source: AWJ0886-01**					Prepared & Analyzed: 10/30/13			
Chemical Oxygen Demand	230000	10000	ug/L	200000	18600	106	90-110	2	10	
Batch 3100813 - SM 4500-P B										
Blank (3100813-BLK1)							Prepared: 11/01/13 Analyzed: 11/04/13			
Phosphorus-Total	ND	0.02	ug/L							
LCS (3100813-BS1)							Prepared: 11/01/13 Analyzed: 11/04/13			
Phosphorus-Total	484	20.0	ug/L	500.00		97	88-110			
Duplicate (3100813-DUP1)		**Source: AWJ0896-02**					Prepared: 11/01/13 Analyzed: 11/04/13			
Phosphorus-Total	16400	2000	ug/L		15400			6	47	
Matrix Spike (3100813-MS1)		**Source: AWJ0884-01**					Prepared: 11/01/13 Analyzed: 11/04/13			
Phosphorus-Total	1480	22.2	ug/L	500.00	996	96	72-123			
Matrix Spike Dup (3100813-MSD1)		**Source: AWJ0884-01**					Prepared: 11/01/13 Analyzed: 11/04/13			
Phosphorus-Total	1440	22.2	ug/L	500.00	996	88	72-123	3	11	

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Inorganic Anions - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100698 - EPA 300.0										
Blank (3100698-BLK1)							Prepared & Analyzed: 10/25/13			
Nitrate/Nitrite as N	ND	50	ug/L							
Nitrate as N	ND	50	ug/L							
Sulfate	ND	5000	ug/L							
LCS (3100698-BS1)							Prepared & Analyzed: 10/25/13			
Nitrate/Nitrite as N	20100	50	ug/L	20000		100	90-110			
Nitrate as N	9840	50	ug/L	10000		98	90-110			
Sulfate	9700	5000	ug/L	10000		97	90-110			
Matrix Spike (3100698-MS1)	**Source: AWJ0792-01**						Prepared & Analyzed: 10/25/13			
Nitrate/Nitrite as N	20000	50	ug/L	20000	173	99	90-110			
Nitrate as N	9930	50	ug/L	10000	172	98	90-110			
Sulfate	12600	5000	ug/L	10000	2960	96	90-110			
Matrix Spike Dup (3100698-MSD1)	**Source: AWJ0792-01**						Prepared & Analyzed: 10/25/13			
Nitrate/Nitrite as N	20000	50	ug/L	20000	173	99	90-110	0.08	15	
Nitrate as N	9940	50	ug/L	10000	172	98	90-110	0.1	15	
Sulfate	12600	5000	ug/L	10000	2960	96	90-110	0.2	15	

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100726 - EPA 3005A										
Blank (3100726-BLK1)							Prepared & Analyzed: 10/29/13			
Antimony	ND	6.00	ug/L							
Arsenic	ND	10.0	ug/L							
Barium	ND	100	ug/L							
Beryllium	ND	1.00	ug/L							
Cadmium	ND	1.00	ug/L							
Chromium	ND	10.0	ug/L							
Cobalt	ND	10.0	ug/L							
Copper	ND	10.0	ug/L							
Lead	ND	10.0	ug/L							
Nickel	ND	50.0	ug/L							
Selenium	ND	10.0	ug/L							
Silver	ND	10.0	ug/L							
Thallium	ND	5.50	ug/L							
Vanadium	ND	25.0	ug/L							
Zinc	1.29	10.0	ug/L							J
LCS (3100726-BS1)							Prepared & Analyzed: 10/29/13			
Antimony	105	6.00	ug/L	100.00		105	80-120			
Arsenic	97.1	10.0	ug/L	100.00		97	80-120			
Barium	98.0	100	ug/L	100.00		98	80-120			J
Beryllium	97.2	1.00	ug/L	100.00		97	80-120			
Cadmium	98.7	1.00	ug/L	100.00		99	80-120			
Chromium	95.3	10.0	ug/L	100.00		95	80-120			
Cobalt	96.2	10.0	ug/L	100.00		96	80-120			
Copper	98.2	10.0	ug/L	100.00		98	80-120			
Lead	95.7	10.0	ug/L	100.00		96	80-120			
Nickel	99.2	50.0	ug/L	100.00		99	80-120			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100726 - EPA 3005A										
LCS (3100726-BS1)							Prepared & Analyzed: 10/29/13			
Selenium	97.4	10.0	ug/L	100.00		97	80-120			
Silver	100	10.0	ug/L	100.00		100	80-120			
Thallium	93.0	5.50	ug/L	100.00		93	80-120			
Vanadium	97.8	25.0	ug/L	100.00		98	80-120			
Zinc	98.5	10.0	ug/L	100.00		98	80-120			
Matrix Spike (3100726-MS1)	**Source: AWJ0840-07**						Prepared & Analyzed: 10/29/13			
Antimony	115	6.00	ug/L	100.00	ND	115	75-125			
Arsenic	106	10.0	ug/L	100.00	3.43	102	75-125			
Barium	603	100	ug/L	100.00	463	140	75-125			QM-02
Beryllium	105	1.00	ug/L	100.00	ND	105	75-125			
Cadmium	107	1.00	ug/L	100.00	0.17	107	75-125			
Chromium	100	10.0	ug/L	100.00	ND	100	75-125			
Cobalt	132	10.0	ug/L	100.00	33.7	98	75-125			
Copper	101	10.0	ug/L	100.00	5.52	95	75-125			
Lead	107	10.0	ug/L	100.00	0.15	106	75-125			
Nickel	115	50.0	ug/L	100.00	14.1	101	75-125			
Selenium	108	10.0	ug/L	100.00	9.40	99	75-125			
Silver	106	10.0	ug/L	100.00	ND	106	75-125			
Thallium	106	5.50	ug/L	100.00	ND	106	75-125			
Vanadium	96.1	25.0	ug/L	100.00	ND	96	75-125			
Zinc	164	10.0	ug/L	100.00	62.8	101	75-125			
Matrix Spike Dup (3100726-MSD1)	**Source: AWJ0840-07**						Prepared & Analyzed: 10/29/13			
Antimony	108	6.00	ug/L	100.00	ND	108	75-125	6	20	
Arsenic	97.7	10.0	ug/L	100.00	3.43	94	75-125	8	20	
Barium	560	100	ug/L	100.00	463	97	75-125	8	20	

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100726 - EPA 3005A										
Matrix Spike Dup (3100726-MSD1)		**Source: AWJ0840-07**					Prepared & Analyzed: 10/29/13			
Beryllium	97.1	1.00	ug/L	100.00	ND	97	75-125	8	20	
Cadmium	101	1.00	ug/L	100.00	0.17	101	75-125	5	20	
Chromium	92.8	10.0	ug/L	100.00	ND	93	75-125	8	20	
Cobalt	124	10.0	ug/L	100.00	33.7	90	75-125	6	20	
Copper	95.2	10.0	ug/L	100.00	5.52	90	75-125	6	20	
Lead	96.3	10.0	ug/L	100.00	0.15	96	75-125	10	20	
Nickel	107	50.0	ug/L	100.00	14.1	93	75-125	7	20	
Selenium	105	10.0	ug/L	100.00	9.40	96	75-125	3	20	
Silver	100	10.0	ug/L	100.00	ND	100	75-125	6	20	
Thallium	95.9	5.50	ug/L	100.00	ND	96	75-125	10	20	
Vanadium	92.0	25.0	ug/L	100.00	ND	92	75-125	4	20	
Zinc	154	10.0	ug/L	100.00	62.8	91	75-125	6	20	
Post Spike (3100726-PS1)		**Source: AWJ0840-07**					Prepared & Analyzed: 10/29/13			
Antimony	110		ug/L	100.00	0.09	110	80-120			
Arsenic	101		ug/L	100.00	3.43	98	80-120			
Barium	559		ug/L	100.00	463	96	80-120			
Beryllium	96.4		ug/L	100.00	0.04	96	80-120			
Cadmium	102		ug/L	100.00	0.17	102	80-120			
Chromium	90.4		ug/L	100.00	-0.43	91	80-120			
Cobalt	122		ug/L	100.00	33.7	89	80-120			
Copper	94.3		ug/L	100.00	5.52	89	80-120			
Lead	96.9		ug/L	100.00	0.15	97	80-120			
Nickel	107		ug/L	100.00	14.1	93	80-120			
Selenium	105		ug/L	100.00	9.40	96	80-120			
Silver	103		ug/L	100.00	0.14	103	80-120			
Thallium	95.6		ug/L	100.00	ND	96	80-120			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100726 - EPA 3005A										
Post Spike (3100726-PS1)		**Source: AWJ0840-07**					Prepared & Analyzed: 10/29/13			
Vanadium	87.9		ug/L	100.00	0.72	87	80-120			
Zinc	152		ug/L	100.00	62.8	89	80-120			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100732 - EPA 5030B										
Blank (3100732-BLK1)							Prepared & Analyzed: 10/28/13			
Acetone	ND	100	ug/L							
Acrylonitrile	ND	200	ug/L							
Benzene	ND	1.0	ug/L							
Bromochloromethane	ND	3.0	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	3.0	ug/L							
Bromomethane	ND	10	ug/L							
Carbon Disulfide	ND	100	ug/L							
Carbon Tetrachloride	ND	1.0	ug/L							
Chlorobenzene	ND	3.0	ug/L							
Chloroethane	ND	10	ug/L							
Chloroform	ND	5.0	ug/L							
Chloromethane	ND	1.0	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
1,2-Dibromo-3-chloropropane	ND	13	ug/L							
1,2-Dibromoethane	ND	1.0	ug/L							
Dibromomethane	ND	10	ug/L							
1,2-Dichlorobenzene	ND	5.0	ug/L							
1,4-Dichlorobenzene	ND	1.0	ug/L							
trans-1,4-Dichloro-2-butene	ND	100	ug/L							
1,1-Dichloroethane	ND	5.0	ug/L							
1,2-Dichloroethane	ND	1.0	ug/L							
1,1-Dichloroethene	ND	5.0	ug/L							
cis-1,2-Dichloroethene	ND	5.0	ug/L							
trans-1,2-Dichloroethene	ND	5.0	ug/L							
1,2-Dichloropropane	ND	1.0	ug/L							
cis-1,3-Dichloropropene	ND	1.0	ug/L							

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100732 - EPA 5030B										
Blank (3100732-BLK1)							Prepared & Analyzed: 10/28/13			
trans-1,3-Dichloropropene	ND	1.0	ug/L							
Ethylbenzene	ND	1.0	ug/L							
Iodomethane	ND	10	ug/L							
Methyl Butyl Ketone (2-Hexanone)	ND	50	ug/L							
Methylene Chloride	ND	1.0	ug/L							
Methyl Ethyl Ketone (2-Butanone)	ND	100	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L							
Styrene	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L							
Tetrachloroethene	ND	1.0	ug/L							
Toluene	ND	1.0	ug/L							
1,1,1-Trichloroethane	ND	1.0	ug/L							
1,1,2-Trichloroethane	ND	1.0	ug/L							
Trichloroethene	ND	1.0	ug/L							
Trichlorofluoromethane	ND	1.0	ug/L							
1,2,3-Trichloropropane	ND	1.0	ug/L							
Vinyl Acetate	ND	50	ug/L							
Vinyl Chloride	ND	1.0	ug/L							
Xylenes, total	ND	4.0	ug/L							
Surr: Dibromofluoromethane	*46*		*ug/L*	*50.000*		*92*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*78-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*80-120*			
Surr: 4-Bromofluorobenzene	*52*		*ug/L*	*50.000*		*103*	*80-120*			
LCS (3100732-BS1)							Prepared & Analyzed: 10/28/13			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100732 - EPA 5030B										
LCS (3100732-BS1)							Prepared & Analyzed: 10/28/13			
Benzene	47		ug/L	50.000		93	67-134			
Chlorobenzene	47		ug/L	50.000		93	69-122			
1,1-Dichloroethene	44		ug/L	50.000		89	58-142			
Toluene	48		ug/L	50.000		96	68-127			
Trichloroethene	47		ug/L	50.000		93	72-132			
Surr: Dibromofluoromethane	*50*		*ug/L*	*50.000*		*99*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*97*	*78-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*80-120*			
Surr: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*99*	*80-120*			
Matrix Spike (3100732-MS1)	**Source: AWJ0845-18**						Prepared & Analyzed: 10/28/13			
Benzene	47		ug/L	50.000	ND	93	67-134			
Chlorobenzene	56		ug/L	50.000	ND	112	69-122			
1,1-Dichloroethene	42		ug/L	50.000	ND	84	58-142			
Toluene	51		ug/L	50.000	ND	103	68-127			
Trichloroethene	48		ug/L	50.000	ND	96	72-132			
Surr: Dibromofluoromethane	*47*		*ug/L*	*50.000*		*93*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*102*	*78-120*			
Surr: Toluene-d8	*50*		*ug/L*	*50.000*		*99*	*80-120*			
Surr: 4-Bromofluorobenzene	*52*		*ug/L*	*50.000*		*105*	*80-120*			
Matrix Spike Dup (3100732-MSD1)	**Source: AWJ0845-18**						Prepared & Analyzed: 10/28/13			
Benzene	45		ug/L	50.000	ND	90	67-134	4	9	
Chlorobenzene	55		ug/L	50.000	ND	109	69-122	2	13	
1,1-Dichloroethene	40		ug/L	50.000	ND	80	58-142	5	9	

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Volatile Organic Compounds by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 3100732 - EPA 5030B										
Matrix Spike Dup (3100732-MSD1)		**Source: AWJ0845-18**					Prepared & Analyzed: 10/28/13			
Toluene	50		ug/L	50.000	ND	99	68-127	3	9	
Trichloroethene	46		ug/L	50.000	ND	92	72-132	4	11	
Surr: Dibromofluoromethane	*46*		*ug/L*	*50.000*		*93*	*80-120*			
Surr: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*101*	*78-120*			
Surr: Toluene-d8	*50*		*ug/L*	*50.000*		*100*	*80-120*			
Surr: 4-Bromofluorobenzene	*52*		*ug/L*	*50.000*		*103*	*80-120*			

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2014
NC	North Carolina	381	12/31/2013
NELAC	FL DOH (Non-Pot. Water, Solids) Eff:: 07/01/2013	E87315	06/30/2014
NELDW	FL DOH NELAC (Drinking Water) Eff: 07/01/2013	E87315	06/30/2014
SC	South Carolina	98011001	06/30/2014
TX	Texas	T104704397-08-TX	03/31/2014
VA	Virginia	1340	12/14/2013

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

Legend

Defination of Laboratory Terms

ND - Not Detected at levels greater than or equal to SWSL/RL
SWSL/RL - NC DENR Solid Waste Section LImit/Reporting Limit (Adjusted for DF/Prep Factor)
DF - Dilution Factor
MDL - Method Detection Limit

Qualifiers

R-01 Elevated reporting limit due to matrix interference.

QM-02 The spike recovery is outside acceptance limits due to insignificant spike amount as compared to sample concentration.

J Estimated value less than Reporting Limit (RL) but greater than Method Detection Limit(MDL) (CLP J-Flag).

B-01 Analyte was detected in the associated method blank at an estimated level equal to or greater than the MDL. Sample values reported as greater than the MDL and less than 10x the method blank value are reported as estimated values.

Note: Unless otherwise noted, all results are reported on an as received basis.

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

(770) 734-4200 FAX (770) 734-4201

Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 12, 2013

CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY NORCROSS, GA 30092
(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 1 OF 1

CLIENT NAME: Allied Waste - Charlotte

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER
5105-A Morehead Rd
Concord NC
704-400-6657

ATTENTION: Mr. Mike Gurley CC:

REQUESTED COMPLETION DATE: PO #:

PROJECT NAME/STATE: UNTREATED LEACHATE WW MONITORING

PROJECT #: PERMIT # 13-04

DATE	TIME	MATRIX CODE*	# of CONTAINERS	SAMPLE IDENTIFICATION	NC App I Volatiles	NC App I Metals	Nitrate, Sulfate	Ortho-phosphate	COD, Phosphorus	BOD	pH SC TEMP (ON SITE)
10/25/13	0730	L	X	Untreated Leachate	3	1	1	1	1	1	X

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

CONTAINER TYPE: P - PLASTIC; A - AMBER GLASS; G - CLEAR GLASS; V - VOA VIAL; S - STERILE; O - OTHER

PRESERVATION: 1 - HCl, 4°; 2 - H2SO4, 4°; 3 - HNO3, 4°; 4 - NaOH, 4°; 5 - NaOH/ZnAc, 4°; 6 - Na2S2O3, 4°; 7 - 4°

REMARKS/ADDITIONAL INFORMATION: pH- 8.10; SC- 4677; Temp- 11.7

SAMPLED BY AND TITLE: L Vaue / DATE/TIME: See Above
RELINQUISHED BY: DATE/TIME: 10/25/13 2130
RECEIVED BY: DATE/TIME:
RELINQUISHED BY: DATE/TIME:
RECEIVED BY LAB: DATE/TIME: 10/25/13 1310
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER FIELD SERVICES
pH: Certified Preserved Ice (Yes) or No Temp/Airbill: Custody Seal: Intact Broken Absent COOLER #:

FOR LAB USE ONLY
LAB #: A0J0835
In-house location: 1 B, X4 V
Entered into LIMS:

Please use Black Ink to complete form

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092
(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST **Printed: 11/12/2013 4:04:02PM**

Attn: Mr. Mike Gurley

Client: Allied Waste Ind. Inc. - Charlotte
Project: Charlotte Motor Speedway Leachate
Date Received: 10/25/13 13:10

Work Order: AWJ0835
Logged In By: Mohammad M. Rahman

OBSERVATIONS

#Samples: 1 **#Containers:** 8

Minimum Temp(C): 4.0 **Maximum Temp(C):** 4.0 **Custody Seal(s) Used:** No

CHECKLIST ITEMS

COC included with Samples	YES
Sample Container(s) Intact	YES
Chain of Custody Complete	YES
Sample Container(s) Match COC	YES
Custody seal Intact	NO
Temperature in Compliance	YES
Sufficient Sample Volume for Analysis	YES
Zero Headspace Maintained for VOA Analyses	YES
Samples labeled preserved (If Applicable)	YES
Samples received within Allowable Hold Times	YES
Samples Received on Ice	YES
Preservation Confirmed	YES

Comments:

ASI

ANALYTICAL SERVICES, INC.

ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY, NORCROSS, GA 30092
(770) 734-4200 • Fax (770) 734-4201

November 4, 2013
Republic Services Inc. of South Carolina
Mr. Mike Gurley
5105-A Morehead Road,
Concord, North Carolina 28027

RE: Charlotte Motor Speedway V Landfill Report AWJ0840

Mr. Gurley:

Analytical Services completed the semi-annual groundwater and surface water at the referenced site on October 25, 2013. Our representatives performed groundwater monitoring in accordance with the most recently approved U.S. E.P.A. Region 4 Operating Procedures. Presented herein is a description of our work.

The following wells were purged and sampled using a dedicated Grundfos pump and Teflon-lined tubing: MW-1A, 1B, 2A, 2B, 10, 10A, 11, 12, 14, 14B, 15, 16, 17, 17A, 18A, 19, 19A, 19AR, 19R, 20AR, 20B, 21, 22, 22A, 24, 25, 26, 27, 28, 29R, 30R, 31, 32R, and 33.

Well MW-34 was dry.

Surface water points sampled: SW-1 and 2.

Water levels and bottom of casing depths were measured to the nearest hundredth of a foot prior to purging the wells. Indicator parameters were measured on site for pH, specific conductance, temperature, dissolved oxygen, and turbidity. All indicator parameter were also measured on surface waters. The meters were calibrated in the field according to the manufacturers' specifications and checked periodically.

The water level indicator and instrument probes were decontaminated in the field using a modified version of the EPA Appendix B. All pumps/tubing were decontaminated prior to being brought on site.

The samples were collected in A certified-clean bottles as soon as three well volumes had been removed and field parameters stabilized. The bottles were labeled in the field at the time of sampling. The members of the sampling team initialed the labels before placing them on the bottles. New gloves were donned prior to collecting samples.

Samples for Metals were collected in 500 mL wide-mouth HDPE bottles pre-preserved in the laboratory with HNO_3. Samples for VOC's were collected in three 40 mL vials, one pre-preserved by the supplier with HCl and two unpreserved.

Additional Appendix II samples were collected during this event in the following containers:
Cyanide (1 quart HDPE w/ Na OH),
Sulfide (1 quart HDPE w/ Na OH + ZnAc),
BN/A, PEST/PCB, HERB. (6 1 L Amber Glass bottles).

Once the bottles were filled they were placed in an ice chest filled with ice to maintain four degrees centigrade.

Attached are the results from this sampling event and table listing the water levels recorded.

Respectfully submitted,

Jonathan Scott
Field Services Manager

ANALYTICAL SERVICES, INC.
MONITORING WELL DATA SUMMARY

Client Name: Allied Waste - Charlotte
Client Contact: Mr. Mike Gurley
Project: Semi-annual Ground Water Monitoring
Site: Charlotte Motor Speedway V Landfill

ASI Report No.: AWJ0840
Sampling Date: 10/21/13

Well ID	DTW[1]	Well ID	DTW[1]	Well ID	DTW[1]	Well ID	DTW[1]	Well ID	DTW[1]
MW-1A	6.35	MW-14	10.06	MW-18R	16.84	MW-22	7.39	MW-30R	27.40
MW-1B	9.49	MW-14B	10.24	MW-19	24.71	MW-22A	7.21	MW-31	23.93
MW-2A	8.85	MW-15	8.31	MW-19A	25.51	MW-24	12.25	MW-32R	21.41
MW-2B	9.09	MW-16	14.25	MW-19AR	22.41	MW-25	7.62	MW-33	27.73
MW-10	22.13	MW-17	13.22	MW-19R	20.56	MW-26	15.05	MW-34	30.02
MW-10A	22.66	MW-17A	12.84	MW-20AR	10.77	MW-27	8.47		
MW-11	10.30	MW-18A	13.86	MW-20B	6.07	MW-28	12.38		
MW-12	13.41	MW-18AR	21.52	MW-21	15.59	MW-29R	7.51		

Note:
1 DTW - Depth to Water From Top of Casing (ft.)

Sampled By: R. Powe, D. Russell
Field Specialist(s)

Reviewed By: [signature]
Field Services Manager

FIELD INSTRUMENT LOG

Project: CMS V Dates: 10/21/13 — 10/25/13

Personnel: RP DR

ph/SC/TEMP/DO/ORP	Turbidity
✓ YSI 556 MPS serial: 08H100790 o YSI 556 MPS serial: 05D2373AJ o YSI 556 MPS serial: 13A100062 o _____	o Oakton T-100 serial: 957586 o Oakton T-100 serial: 957596 X Lamotte serial: ME12942 o _____
Water Level	**Methane**
o Heron Dipper T serial: 06964 X Solinst serial: 048125 o Solinst serial: 200763 o _____	o RKI Eagle serial: E3Z031 X RKI Eagle serial: E3Z030 o _____

pH 4.0 Lot # 2202287 pH 4.0 Exp. 01/2014 Sc 1.413 Lot# 10020 Exp. 11/2013

pH 7.0 Lot# 23 06880 pH 7.0 Exp 06/2015 Sc_____ Lot# _____ Exp. _____

pH 10.0 Lot# 2211639 pH 10.0 Exp 05/2014

Date of Calibrations: 10/22/13

pH: 4.0 std. = 4.00 7.0 std. = 7.00 10.0 std. = 10.00

SC: 1.413 uS/cm = 1.413

Turbidity: 1.0 ntu = 1.0 Methane: 50 % LEL = 50

Date of Calibrations: 10/23/13

pH: 4.0 std. = 4.00 7.0 std. = 7.00 10.0 std. = 9.97

SC: 1.413 uS/cm = 1.413

Turbidity: 1.0 ntu = 1.0 Methane: — % LEL = —

Date of Calibrations: 10/24/13

pH: 4.0 std. = 4.00 7.0 std. = 7.00 10.0 std. = 9.98

SC: 1.413 uS/cm = 1.413

Turbidity: 1.0 ntu = 1.0 Methane: — % LEL = —

Date of Calibrations: _____

pH: 4.0 std. = _____ 7.0 std. = _____ 10.0 std. = _____

SC: _____ uS/cm = _____

Turbidity: _____ ntu = _____ Methane: _____ % LEL = _____

Date of Calibrations: _____

pH: 4.0 std. = _____ 7.0 std. = _____ 10.0 std. = _____

SC: _____ uS/cm = _____

Turbidity: _____ ntu = _____ Methane: _____ % LEL = _____

FIELD INSTRUMENT LOG

Project: CMS V Dates: 10/21/13 – 10/25/13

Personnel: RP MDR

ph/SC/TEMP/DO/ORP	Turbidity
o YSI 556 MPS serial: 08H100790 X YSI 556 MPS serial: 05D2373AJ o YSI 556 MPS serial: 13A100062 o _____	o Oakton T-100 serial: 957586 o Oakton T-100 serial: 957596 o Lamotte serial: ME12942 o HACH 2100Q
Water Level	**Methane**
o Heron Dipper T serial: 06964 X Solinst serial: 048125 o Solinst serial: 200763 o _____	o RKI Eagle serial: E3Z031 X RKI Eagle serial: E3Z030 o _____

pH 4.0 Lot # 2202287 pH 4.0 Exp. 1/14 Sc 1413 Lot# 10020 Exp. 11/13

pH 7.0 Lot# 2201640 pH 7.0 Exp 1/14 Sc ____ Lot# _____ Exp. _____

pH 10.0 Lot# 132388 pH 10.0 Exp 4/15

Date of Calibrations: 10/21/13

pH: 4.0 std. = 4.00 7.0 std. = 7.00 10.0 std. = 10.00

SC: 1413 uS/cm = 1413

Turbidity: 1.0 ntu = 1.0 Methane: 50 % LEL = 50

Date of Calibrations: 10/23/13

pH: 4.0 std. = 4.00 7.0 std. = 7.00 10.0 std. = 9.98

SC: 1413 uS/cm = 1413

Turbidity: 1.0 ntu = 1.0 Methane: — % LEL = —

Date of Calibrations: 10/24/13

pH: 4.0 std. = 4.00 7.0 std. = 7.00 10.0 std. = 10.00

SC: 1413 uS/cm = 1413

Turbidity: 1.0 ntu = 1.0 Methane: — % LEL = —

Date of Calibrations: 10/25/13

pH: 4.0 std. = 4.00 7.0 std. = 7.00 10.0 std. = 9.99

SC: 1413 uS/cm = 1413

Turbidity: 1.0 ntu = 1.0 Methane: — % LEL = —

Date of Calibrations: _____

pH: 4.0 std. = _____ 7.0 std. = _____ 10.0 std. = _____

SC: _____ uS/cm = _____

Turbidity: _____ ntu = _____ Methane: _____ % LEL = _____

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	6" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	D. Russell	Dedicated Pump:	Yes or No
Well ID #:	MW-11		
Date:	10/22/13		
Weather Conditions:	Overcast Mild	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	23.75	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	10.30	Well Yield (subjective):	Good - Moderate
Length of Water Column (LWC) = TWD - DGW =	13.45	Sample Date and Time:	10/22/13 0854
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	2.19		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	—		
Standard Evacuation Volume (3 casing volumes) =	6.57		
Total Volume of Water Removed (gallons):	~7.00		

Time (military)	0826	0831	0838	0851	0854		
Volume Purged (Gallons)	0	2.25	4.50	6.75	~7.00		
Water Level (ft.) stable	10.30	12.86	13.21	13.26	13.27		
pH (s.u.) ± .2	6.57	6.59	6.60	6.59	6.58		
Sp. Cond. (µmhos/cm) ± 10 %	468	475	476	469	470		
Water Temp. (°C) constant	17.8	19.4	19.7	19.8	19.9		
Turbidity (NTU) ±10 % or ≤ 5 NTU	1.96	1.41	1.05	1.12	1.43		
DO	1.25	1.40	1.38	1.38	1.40		
GPM/HTZ	0.45/84	0.45/84	0.28/84	0.16/84	0.16/84		

COMMENTS/OBSERVATIONS: Clear, No Odor

Date: 10/22/13 By: [signature]

RB

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	DRussell	Dedicated Pump:	Yes or No
Well ID #:	MW-14		
Date:	10/22/13		
Weather Conditions:	Overcast Mild	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	16.85	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	10.06	Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW =	6.79	Sample Date and Time:	10/22/13 0920
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	1.10		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	—		
Standard Evacuation Volume (3 casing volumes) =	3.31		
Total Volume of Water Removed (gallons):	4.50		

Time (military)	0909	0912	0915	0917	0920		
Volume Purged (Gallons)	0	1.25	2.50	3.50	4.50		
Water Level (ft.) stable	10.06	11.18	11.26	11.30	11.32		
pH (s.u.) ± .2	6.26	6.41	6.44	6.44	6.47		
Sp. Cond. (µmhos/cm) ± 10 %	340	578	607	629	635		
Water Temp. (°C) constant	19.7	19.2	19.3	19.3	19.3		
Turbidity (NTU) ±10 % or ≤ 5 NTU	1.14	1.34	6.54	1.45	1.63		
DO	2.11	2.10	2.10	1.97	2.02		
GPM/HTZ	0.42/76	0.42/76	0.42/76	0.42/76	0.42/76		

COMMENTS/OBSERVATIONS: Clear, No Odor

Date: 10/22/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	D. Russell	Dedicated Pump:	Yes or No
Well ID #:	MW-14B		
Date:	10/22/13		
Weather Conditions:	Overcast Mild	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	52.70	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	10.24	Well Yield (subjective):	Moderate-Low
Length of Water Column (LWC) = TWD - DGW =	42.46	Sample Date and Time:	10/22/13 1052
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	6.92		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	—		
Standard Evacuation Volume (3 casing volumes) =	20.76		
Total Volume of Water Removed (gallons):	22.00		

Time (military)	0935	0957	1025	1049	1052		
Volume Purged (Gallons)	0	7.00	14.00	21.00	22.00		
Water Level (ft.) stable	10.24	25.59	26.15	26.15	26.15		
pH (s.u.) ± .2	6.85	6.74	6.71	6.71	6.71		
Sp. Cond. (µmhos/cm) ± 10 %	610	577	573	573	573		
Water Temp. (°C) constant	17.2	14.0	14.2	14.4	14.4		
Turbidity (NTU) ±10 % or ≤ 5 NTU	3.73	1.87	1.50	1.62	1.36		
DO	1.24	2.22	2.53	2.40	2.36		
GPM/HTZ	0.32/111	0.37/111	0.29/111	0.29/111	0.29/111		

COMMENTS/OBSERVATIONS: Clear, No Odor

Date: 10/22/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	DR	Dedicated Pump:	Yes or No
Well ID #:	mw - 16		
Date:	10/22/13		
Weather Conditions:	P-Cloudy Mild	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	29.05	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	14.25	Well Yield (subjective):	Low
Length of Water Column (LWC) = TWD - DGW =	14.8	Sample Date and Time:	10/22/13 1341
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	2.41		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	—		
Standard Evacuation Volume (3 casing volumes) =	7.24		
Total Volume of Water Removed (gallons):	7.75		

Time (military)	1237	1244	1311	1338	1341		
Volume Purged (Gallons)	0	2.5	5.0	7.50	7.75		
Water Level (ft.) stable	14.25	18.32	~~22.5~~ DRAWDOWN 18.61	19.12	19.13		
pH (s.u.) ± .2	6.41	6.37	6.47	6.44	6.44		
Sp. Cond. (µmhos/cm) ± 10 %	681	683	691	689	683		
Water Temp. (°C) constant	19.2	20.5	22.4	22.4	22.4		
Turbidity (NTU) ±10 % or ≤ 5 NTU	5.15	17	21	13	5.76		
DO	4.22	4.03	3.33	3.27	3.24		
GPM/HTZ	0.35 / 92	0.35 / 92	0.08 / 92	0.08 / 92	0.08 / 92		

COMMENTS/OBSERVATIONS: CLEAR AND ODOR

Date: 10/22/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	D. Russell	Dedicated Pump:	Yes or No
Well ID #:	MW-17		
Date:	10/23/13		
Weather Conditions:	Clear, Windy	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	28.00	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	13.22	Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW =	14.78	Sample Date and Time:	10/23/13 1309
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	—		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	9.65		
Standard Evacuation Volume (3 casing volumes) =	28.95		
Total Volume of Water Removed (gallons):	29.00		

Time (military)	1227	1243	1256	1309			
Volume Purged (Gallons)	0	9.75	19.50	29.00			
Water Level (ft.) stable	13.22	15.65	15.90	15.90			
pH (s.u.) ± .2	5.62	5.64	5.70	5.67			
Sp. Cond. (µmhos/cm) ± 10 %	391	401	411	415			
Water Temp. (°C) constant	19.3	18.3	18.3	18.2			
Turbidity (NTU) ±10 % or ≤ 5 NTU	1.57	1.07	1.22	1.02			
DO	3.33	4.03	3.97	3.91			
GPM/HTZ	0.8/91	0.8/91	0.8/91	0.8/91			

COMMENTS/OBSERVATIONS: Clear, Slight Odor

Date: 10/23/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	OR	Dedicated Pump:	Yes or No
Well ID #:	MW-17A		
Date:	10/23/13		
Weather Conditions:	WINDY MILD	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	40.00	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	12.84	Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW =	27.16	Sample Date and Time:	10/23/13 1408
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	—		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	17.74		
Standard Evacuation Volume (3 casing volumes) =	53.21		
Total Volume of Water Removed (gallons):	~~14.25~~ 53.25		

Time (military)	1323	1338	1353	1408			
Volume Purged (Gallons)	0	17.75	35.50	53.25			
Water Level (ft.) stable	12.84	18.10	18.20	18.25			
pH (s.u.) ± .2	5.96	5.98	6.08	6.09			
Sp. Cond. (µmhos/cm) ± 10 %	577	566	538	518			
Water Temp. (°C) constant	17.6	17.9	18.0	18.0			
Turbidity (NTU) ±10 % or ≤ 5 NTU	1.49	1.24	1.87	1.01			
DO	5.81	4.21	3.97	4.10			
GPM/HTZ	1.18/105	1.18/105	1.18/105	1.18/105			

COMMENTS/OBSERVATIONS: CLEAR, SLIGHT ODOR

Date: 10/23/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	DR	Dedicated Pump:	Yes or No
Well ID #:	MW-18A		
Date:	10/23/13		
Weather Conditions:	CLEAR, WINDY	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	28.90	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	13.86	Well Yield (subjective):	POOR
Length of Water Column (LWC) = TWD - DGW =	14.14	Sample Date and Time:	10/23/13 1530
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	—		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	9.23		
Standard Evacuation Volume (3 casing volumes) =	27.70		
Total Volume of Water Removed (gallons):	27.75		

Time (military)	1421	1431	1456	1530			
Volume Purged (Gallons)	0	9.25	18.50	27.75			
Water Level (ft.) stable	13.86	15.96	18.96	18.96			
pH (s.u.) ± .2	5.88	5.27	5.46	5.42			
Sp. Cond. (µmhos/cm) ± 10 %	1548	883	1230	1146			
Water Temp. (°C) constant	21.6	23.1	24.0	21.9			
Turbidity (NTU) ±10 % or ≤ 5 NTU	1.56	1.67	1.35	3.77			
DO	1.36	1.21	DR 10/23 1.20	1.17			
GPM/HTZ	0.92 105	0.92/105	~~1.35~~/105	0.97/118			
			0.37				

COMMENTS/OBSERVATIONS: CLEAR, DOOR

Date: 10/23/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	DR	Dedicated Pump:	Yes or No
Well ID #:	MW-19		
Date:	10/24/13		
Weather Conditions:	Clear, Cold	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	40.00	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	24.71	Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW =	15.29	Sample Date and Time:	10/24/13 0838
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	—		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	9.98		
Standard Evacuation Volume (3 casing volumes) =	29.95		
Total Volume of Water Removed (gallons):	30.00		

Time (military)	0811	0820	0829	0838			
Volume Purged (Gallons)	0	10.00	20.00	30.00			
Water Level (ft.) stable	24.71	25.69	25.69	25.69			
pH (s.u.) ± .2	6.10	6.11	6.17	6.13			
Sp. Cond. (µmhos/cm) ± 10 %	1978	1972	1955	1965			
Water Temp. (°C) constant	13.9	16.8	16.9	16.9			
Turbidity (NTU) ±10 % or ≤ 5 NTU	1.28	1.23	1.14	1.21			
DO	3.90	3.71	3.60	3.53			
GPM/HTZ	1.0/125	1.0/125	1.0/125	1.0/125			

COMMENTS/OBSERVATIONS: Clear, Odor

Date: 10/24/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	DR	Dedicated Pump:	Yes or No
Well ID #:	MW-19A		
Date:	10/24/13		
Weather Conditions:	CLOUDY, COLD	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	73.90	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	25.51	Well Yield (subjective):	GOOD - MODERATE
Length of Water Column (LWC) = TWD - DGW =	48.39	Sample Date and Time:	10/24/13 1054
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	—		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	31.60		
Standard Evacuation Volume (3 casing volumes) =	94.80		
Total Volume of Water Removed (gallons):	95.00		

Time (military)	1341	0921	1007	1054			
Volume Purged (Gallons)	0	31.75	63.50	95.00			
Water Level (ft.) stable	25.51	39.49	42.20	42.20			
pH (s.u.) ± .2	6.41	6.38	6.33	6.30			
Sp. Cond. (µmhos/cm) ± 10 %	1943	2341	2522	~~2571~~ 2571			
Water Temp. (°C) constant	16.7	18.4	18.2	18.3			
Turbidity (NTU) ±10 % or ≤ 5 NTU	3.16	1.12	1.35	1.76			
DO	1.34	1.21	1.25	1.27			
GPM/HTZ	0.79/136	0.79/144	0.69/148	0.69/148			

COMMENTS/OBSERVATIONS: CLEAR ODOR
FIELD BLANK HERE @ 1050

Date: 10/24/13 By: [signature]

RP

Page 15 of 17

~~HAWK HILL~~ IN

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: DR		Dedicated Pump:	Yes or No
Well ID #: MW-19AR			
Date: 10/24/13			
Weather Conditions: CLEAR, MILD		Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 35.00		Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 22.41		Well Yield (subjective):	Poor
Length of Water Column (LWC) = TWD - DGW = 12.59		Sample Date and Time:	10/24/13 1339
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 2.05			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 6.15			
Total Volume of Water Removed (gallons): 6.25			

Time (military)	1307	1320	1333	1339			
Volume Purged (Gallons)	0	2.25	4.25	6.25			
Water Level (ft.) stable	22.41	40.05	44.98	44.98			
pH (s.u.) ± .2	6.23	6.06	6.14	6.12			
Sp. Cond. (µmhos/cm) ± 10 %	2785	2379	2335	2346			
Water Temp. (°C) constant	17.5	14.3	14.3	20.4			
Turbidity (NTU) ±10 % or ≤ 5 NTU	3.88	3.59	1.95	1.85	DR 10/24		
DO	0.17 173	1.60	1.51	1.47			
GPM/HTZ	~~3.55~~/ 111 DR 10/24	0.17/140	0.17/146	0.17/150			

COMMENTS/OBSERVATIONS: CLEAR ODOR

Date: 10/24/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	DR	Dedicated Pump:	Yes or No
Well ID #:	MW-19R		
Date:	10/24/13		
Weather Conditions:	CLEAR, MILD	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	51.00	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	20.56	Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW =	29.44	Sample Date and Time:	10/24/13 1302
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	4.80		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	—		
Standard Evacuation Volume (3 casing volumes) =	14.40		
Total Volume of Water Removed (gallons):	15.00		

Time (military)	1246	1252	1257	1302			
Volume Purged (Gallons)	0	5.00	10.00	15.00			
Water Level (ft.) stable	20.56	~~17.3~~ 21.91	21.91	21.91			
pH (s.u.) ± .2	5.91	5.93	5.82	5.85			
Sp. Cond. (µmhos/cm) ± 10 %	2074	2037	2041	2043			
Water Temp. (°C) constant	17.4	17.3	17.2	17.2			
Turbidity (NTU) ±10 % or ≤ 5 NTU	6.98	4.78	1.22	1.17			
DO	1.70	1.61	1.55	1.53			
GPM/HTZ	0.83 / 111	0.83 / 111	0.83 / 111	0.83 / 111			

COMMENTS/OBSERVATIONS: CLEAR, ODOR

Date: 10/24/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	DR	Dedicated Pump:	Yes or No
Well ID #:	MW-26		
Date:	10/22/13		
Weather Conditions:	Overcast Mild	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	21.10	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	15.05	Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW =	6.05	Sample Date and Time:	10/22/13
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 0.99			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = –			
Standard Evacuation Volume (3 casing volumes) = 2.96			
Total Volume of Water Removed (gallons): 4.00			

Time (military)	1354	1356	1358	1400	1402		
Volume Purged (Gallons)	0	1.00	2.00	3.00	4.00		
Water Level (ft.) stable	15.05	17.08	17.41	17.70	17.70		
pH (s.u.) ± .2	6.23	6.27	6.25	6.27	6.27		
Sp. Cond. (µmhos/cm) ± 10 %	664	680	679	676	676		
Water Temp. (°C) constant	19.2	18.8	18.9	18.9	18.9		
Turbidity (NTU) ±10 % or ≤ 5 NTU	16.6	9.97	5.56	6.11	6.88		
DO	1.66	1.65	1.63	1.61	1.60		
GPM/HTZ	0.5/ 136	0.5/136	0.5/136	0.5/136	0.5/136		

COMMENTS/OBSERVATIONS: DEDICATED TUBING IN WELL WAS DISCONNECTED
CLEAR, NO ODOR

Date: 10/22/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2 or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	DR	Dedicated Pump:	Yes or No
Well ID #:	mw-24		
Date:	10/22/13		
Weather Conditions:	Overcast, good	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	14.90	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	8.47	Well Yield (subjective):	Low
Length of Water Column (LWC) = TWD - DGW =	6.43	Sample Date and Time:	10/22/13 1435
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	1.05		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	—		
Standard Evacuation Volume (3 casing volumes) =	3.14		
Total Volume of Water Removed (gallons):	1.75		

Time (military)	1420	1429	1435	DRY @			
Volume Purged (Gallons)	0	1.25	1.75	1.75			
Water Level (ft.) stable	8.47	9.59 TP*	9.59 TP				
pH (s.u.) ±.2	6.28	6.31	6.31				
Sp. Cond. (µmhos/cm) ±10%	307	313	341				
Water Temp. (°C) constant	19.0	21.0	22.1				
Turbidity (NTU) ±10% or ≤5 NTU	8.88	14	0.91				
DO	1.93	2.10	2.01				
GPM/HTZ	— /96	0.14/96	0.08/96				

COMMENTS/OBSERVATIONS: CLEAR, No ODOR

Date: 10/22/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	(2") or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: DR		Dedicated Pump:	(Yes) or No
Well ID #: MW-28			
Date: 10/23/13			
Weather Conditions: P Cloudy Cool		Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 25.25		Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 12.38		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 12.87		Sample Date and Time:	10/23/13 0822
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 2.10			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 6.29			
Total Volume of Water Removed (gallons): 7.50			

Time (military)	0753	0805	0812	0819	0822		
Volume Purged (Gallons)	0	2.25	4.50	6.50	7.50		
Water Level (ft.) stable	12.38	13.71	13.80	13.83	13.84		
pH (s.u.) ± .2	6.05	6.33	6.52	6.55	6.54		
Sp. Cond. (µmhos/cm) ± 10 %	290	299	300	300	300		
Water Temp. (°C) constant	15.2	17.3	17.6	17.6	17.6		
Turbidity (NTU) ±10 % or ≤ 5 NTU	1.32	5.48	5.92	7.36	4.49		
DO	1.51	1.73	1.70	1.61	1.63		
GPM/HTZ	0.16/106	0.15/~~106~~ 112	0.32/112	0.32/112	0.32/112		

COMMENTS/OBSERVATIONS: Clear, No Odor

Date: 10/23/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: DR		Dedicated Pump:	Yes or No
Well ID #: MW-29R			
Date: 10/23/13			
Weather Conditions: Clear, Cool		Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 22.96		Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 7.51		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 15.45		Sample Date and Time:	10/23/13 @ 0908
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 2.52			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = –			
Standard Evacuation Volume (3 casing volumes) = 7.56			
Total Volume of Water Removed (gallons): 8.00			

Time (military)	0840	0847	0856	0905	0908		
Volume Purged (Gallons)	0	2.75	5.25	7.75	8.00		
Water Level (ft.) stable	7.51	10.94	11.21	11.23	11.24		
pH (s.u.) ±.2	6.41	6.38	6.39	6.37	6.39		
Sp. Cond. (µmhos/cm) ±10%	257	257	255	256	256		
Water Temp. (°C) constant	17.0	15.8	15.6	15.6	15.6		
Turbidity (NTU) ±10% or ≤5 NTU	2.91	6.30	1.24	3.18	3.62		
DO	1.91	1.88	1.87	1.80	1.83		
GPM/HTZ	0.32/70	0.32/70	0.25/70	0.25/70	0.25/70		

COMMENTS/OBSERVATIONS: Clear, No Odor

Date: 10/23/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	OR	Dedicated Pump:	Yes or No
Well ID #:	MW 31		
Date:	10/23/13		
Weather Conditions:	Clear, cool	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	32.85	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	23.93	Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW =	8.92	Sample Date and Time:	10/23/13 1000
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	1.45		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	—		
Standard Evacuation Volume (3 casing volumes) =	4.36		
Total Volume of Water Removed (gallons):	7.50		

Time (military)	0934	0940	0943	0949	0955	1000	
Volume Purged (Gallons)	0	1.50	3.00	4.50	6.00	7.50	
Water Level (ft.) stable	23.93	25.45	25.45	25.45	25.45	25.45	
pH (s.u.) ±.2	6.23	6.12	6.17	6.16	6.14	6.14	
Sp. Cond. (µmhos/cm) ±10%	152	149	149	149	150	150	
Water Temp. (°C) constant	16.7	17.6	17.8	17.9	17.9	18.0	
Turbidity (NTU) ±10% or ≤5 NTU	37	73	40	14	~~25~~ 11	5.61	
DO	3.70	3.73	3.53	3.51	3.45	3.41	
GPM/HTZ	0.25/114	0.25/114	0.50/114	0.25/114	0.25/114	0.25/11	

COMMENTS/OBSERVATIONS: CLEAR, SLIGHT ODOR

Date: 10/23/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel:	DR	Dedicated Pump:	Yes or No
Well ID #:	MW-32R		
Date:	10/23/13		
Weather Conditions:	Clear, Cool	Method of Well Evacuation:	Grundfos Redi-flo II
Total Well Depth in feet (TWD) =	30.50	Method of Sample Collection:	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) =	21.41	Well Yield (subjective):	Moderate-Low
Length of Water Column (LWC) = TWD - DGW =	9.09	Sample Date and Time:	10/23/13 1058
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 =	1.48		
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 =	–		
Standard Evacuation Volume (3 casing volumes) =	4.45		
Total Volume of Water Removed (gallons):	4.50		

Time (military)	1032	1038	1048	1054			
Volume Purged (Gallons)	0	1.50	3.00	4.50			
Water Level (ft.) stable	21.41	24.21	25.55 TOP	25.55 TOP			
pH (s.u.) ±.2	5.94	6.01	6.03	6.04			
Sp. Cond. (µmhos/cm) ±10%	237	241	242	239			
Water Temp. (°C) constant	18.4	19.0	19.5	20.4			
Turbidity (NTU) ±10% or ≤5 NTU	2.76	1.64	2.48	1.06			
DO	2.70	2.60	2.51	2.50			
GPM/HTZ	0.25/106	0.25/106	0.15/111	0.15/111			

COMMENTS/OBSERVATIONS: Clear, No Odor

Date: 10/23/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	(2") or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	(PVC)
Field Personnel: RP		Dedicated Pump:	(Yes) or No
Well ID #: MW-1A			
Date: 10/22/13			
Weather Conditions: Overcast, mild, light wind		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 19.60		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 6.35		Well Yield (subjective):	Moderate
Length of Water Column (LWC) = TWD - DGW = 13.25		Sample Date and Time:	10/22/13 @ 1320
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 2.16			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 6.48			
Total Volume of Water Removed (gallons): 6.75			

Time (military)	1241	1252	1303	1320			
Volume Purged (Gallons)	0	2.25	4.50	6.75			
Water Level (ft.) stable	6.35	RP 10/22 ~~6.42~~ 1184	15.27	17.51			
pH (s.u.) ± .2	6.29	6.42	6.45	6.46			
Sp. Cond. (µmhos/cm) ± 10 %	1122	1082	1141	1156			
Water Temp. (°C) constant	17.9	19.7	19.4	20.0			
Turbidity (NTU) ±10 % or ≤ 5 NTU	5.70	3.83	2.80	2.56			
DO	4.12	2.40	2.30	2.25			
GPM/HTZ	— / 63	0.21 / 77	0.21 / 85	0.13 / 91			
ORP	205.0	189.2	178.2	164.5			

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/22/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #: MW-1B			
Date: 10/23/13			
Weather Conditions: Overcast, mild, breezy		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 35.40		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 9.49		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 25.91		Sample Date and Time:	10/23/13 @ 0827
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 4.22			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 12.67			
Total Volume of Water Removed (gallons): 12.75			

Time (military)	0748	0800	0813	0827			
Volume Purged (Gallons)	0	4.25	8.50	12.75			
Water Level (ft.) stable	9.49	17.29	17.50	18.11			
pH (s.u.) ± .2	5.85	5.92	6.00	6.02			
Sp. Cond. (µmhos/cm) ± 10 %	372	667	699	670			
Water Temp. (°C) constant	15.9	16.6	16.7	16.6			
Turbidity (NTU) ±10 % or ≤ 5 NTU	11	5.43	2.05	1.98			
DO	2.20	2.27	2.18	2.25			
GPM/HTZ	— /92	0.35/92	0.33/92	0.30/92			
ORP	220.7	92.9	59.2	58.2			

COMMENTS/OBSERVATIONS: Clear; no odor
ASI Grundfos pump used; dedicated pump not working correctly 36' tubing used

Date: 10/23/13 By: [signature]

RP 10/22

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	(2") or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	(PVC)
Field Personnel: RP		Dedicated Pump:	(Yes) or No
Well ID #: MW-2A			
Date: 10/22/13			
Weather Conditions: Overcast, cool		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 19.15		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 8.85		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 10.30		Sample Date and Time:	10/22/13 @ 1049
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 1.68			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 5.04			
Total Volume of Water Removed (gallons): 5.25			

Time (military)	RP 10/22 ~~100~~ 1030	1037	1043	1049			
Volume Purged (Gallons)	0	1.75	3.50	5.25			
Water Level (ft.) stable	8.85	9.79	10.02	10.06			
pH (s.u.) ± .2	6.06	6.05	6.00	5.99			
Sp. Cond. (µmhos/cm) ± 10 %	844	783	787	784			
Water Temp. (°C) constant	18.6	19.4	19.5	19.5			
Turbidity (NTU) ±10 % or ≤ 5 NTU	1.53	0.83	1.09	0.90			
DO	2.84	2.39	2.48	2.13			
GPM/HTZ	— /70	0.25 /72	0.29 /73	0.29 /73			
ORP	169.5	177.0	186.7	186.9			

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/22/13 By: Ryan Paine

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #: MW-2B			
Date: 10/22/13			
Weather Conditions: Overcast, mild		Method of Well Evacuation:	✓ Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 38.52		Method of Sample Collection:	✓ Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 9.09		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 29.43		Sample Date and Time:	10/22/13 @ 1125
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 4.80			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 14.39			
Total Volume of Water Removed (gallons): 15.00			

Time (military)	1102	1110	1118	1125			
Volume Purged (Gallons)	0	5.00	10.00	15.00			
Water Level (ft.) stable	9.09	14.81	15.31	15.33			
pH (s.u.) ± .2	6.36	6.39	6.31	6.33			
Sp. Cond. (µmhos/cm) ± 10 %	379	445	445	444			
Water Temp. (°C) constant	18.0	17.2	17.1	17.0			
Turbidity (NTU) ±10 % or ≤ 5 NTU	1.53	0.79	1.76	0.95			
DO	2.98	1.84	2.22	2.46			
GPM/HTZ	— /85	0.63/90	0.63 /94	0.71 /94			
ORP	185.5	199.3	195.4	192.4			

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/22/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #: MW-10			
Date: 10/23/13			
Weather Conditions: Sunny, clear, cool		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 26.32		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 22.13		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 4.19		Sample Date and Time:	10/23/13 @ 1048
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 0.68			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 2.05			
Total Volume of Water Removed (gallons): 2.25			

Time (military)	1037	1040	1044	1048			
Volume Purged (Gallons)	0	0.75	1.50	2.25			
Water Level (ft.) stable	22.13	22.99	23.01	23.01			
pH (s.u.) ± .2	6.69	6.13	5.98	5.96			
Sp. Cond. (µmhos/cm) ± 10 %	188	136	135	138			
Water Temp. (°C) constant	16.6	16.8	17.0	17.2			
Turbidity (NTU) ±10 % or ≤ 5 NTU	15	3.23	2.10	2.29			
DO	3.15	3.34	2.71	2.39			
GPM/HTZ	— / 103	0.25 / 103	0.19 / 103	0.19 / 103			
ORP	62.9	112.0	132.7	145.7			

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/23/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	(2") or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	(PVC)
Field Personnel: RP		Dedicated Pump:	(Yes) or No
Well ID #: MW-10A			
Date: 10/23/13			
Weather Conditions: Sunny, clear, cool		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 41.65		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 22.66		Well Yield (subjective):	Good - moderate
Length of Water Column (LWC) = TWD - DGW = 18.99		Sample Date and Time:	10/23/13 @ 1317
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 3.10			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 9.29			
Total Volume of Water Removed (gallons): 10.25			

Time (military)	1225	1234	1256	1314	1317		
Volume Purged (Gallons)	0	3.25	6.50	9.75	10.25		
Water Level (ft.) stable	22.65	31.85	33.80	35.00	35.01		
pH (s.u.) ± .2	6.28	6.45	6.62	6.43	6.46		
Sp. Cond. (µmhos/cm) ± 10 %	228	253	226	224	223		
Water Temp. (°C) constant	16.6	17.1	17.8	18.0	18.1		
Turbidity (NTU) ±10 % or ≤ 5 NTU	6.30	3.41	2.58	1.03	1.13		
DO	2.62	1.08	1.94	2.06	2.13		
GPM/HTZ	— / 118	0.36 / 120	0.15 / 123	0.18 / 127	0.17 / 127		
ORP	240.0	215.7	183.9	193.5	195.9		

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/23/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #:	MW-12		
Date: 10/22/13			
Weather Conditions: Overcast, cool		Method of Well Evacuation:	✓ Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 26.50		Method of Sample Collection:	✓ Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 13.41		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 13.09		Sample Date and Time:	10/22/13 @ 1002
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 2.13			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 6.40			
Total Volume of Water Removed (gallons): 6.75			

Time (military)	0930	0942	0951	1002			
Volume Purged (Gallons)	0	2.25	4.50	6.75			
Water Level (ft.) stable	13.41	15.55	16.59	17.12			
pH (s.u.) ± .2	6.48	6.16	6.13	6.18			
Sp. Cond. (µmhos/cm) ± 10 %	378	437	452	462			
Water Temp. (°C) constant	16.9	17.7	17.5	17.6			
Turbidity (NTU) ±10 % or ≤ 5 NTU	54	13	11	4.58			
DO	3.18	2.64	2.03	2.28			
GPM/HTZ	— / 84	0.19 / 88	0.25 / 91	0.21 / 94			
ORP	285.6	50.4	54.6	90.1			

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/22/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #: MW-15			
Date: 10/22/13			
Weather Conditions: Overcast, cool		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 15.03		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 8.31		Well Yield (subjective):	Poor
Length of Water Column (LWC) = TWD - DGW = 6.72		Sample Date and Time:	10/22/13 @ 0902
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = —			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = 4.39			
Standard Evacuation Volume (3 casing volumes) = 13.17			
Total Volume of Water Removed (gallons): DRY @ 7.0 gallons			

Time (military)	0834	0845	0902	DRY			
Volume Purged (Gallons)	0	4.50	7.00				
Water Level (ft.) stable	8.31	12.96	TOP - 14.66				
pH (s.u.) ± .2	6.31	6.49	6.55				
Sp. Cond. (µmhos/cm) ± 10 %	578	543	574				
Water Temp. (°C) constant	16.7	18.2	18.6				
Turbidity (NTU) ±10 % or ≤ 5 NTU	23	2.31	1.43				
DO	1.39	0.98	1.13				
GPM/HTZ	— / 77	0.41 / 77	0.15 / 95				
ORP	302.1	293.4	274.6				

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/22/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #: MW-20AR			
Date: 10/23/13			
Weather Conditions: Sunny, clear, breezy		Method of Well Evacuation:	✓ Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 19.70		Method of Sample Collection:	✓ Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 10.77		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 8.93		Sample Date and Time:	10/23/13 @ 1518
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = —			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = 5.83			
Standard Evacuation Volume (3 casing volumes) = 17.49			
Total Volume of Water Removed (gallons): 18.00			

Time (military)	1447	1457	1507	1518			
Volume Purged (Gallons)	0	6.00	12.00	18.00			
Water Level (ft.) stable	10.77	12.36	12.87	13.30			
pH (s.u.) ± .2	6.24	6.12	6.14	6.12			
Sp. Cond. (µmhos/cm) ± 10 %	695	769	818	824			
Water Temp. (°C) constant	17.2	17.7	17.8	17.8			
Turbidity (NTU) ±10 % or ≤ 5 NTU	7.30	1.63	0.70	0.83			
DO	2.21	3.17	3.11	3.15			
GPM/HTZ	— / 115	0.60 / 117	0.60 / 117	0.55 / 120			
ORP	234.2	223.0	173.9	102.6			

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/23/13 By: [signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #: MW-20B			
Date: 10/24/13			
Weather Conditions: Sunny, cold, clear		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 60.00		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 6.07		Well Yield (subjective):	Poor - Moderate
Length of Water Column (LWC) = TWD - DGW = 53.93		Sample Date and Time:	10/24/13 @ 1009
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 8.79			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 26.37			
Total Volume of Water Removed (gallons): 27.00			

Time (military)	0835	0904	0938	1009			
Volume Purged (Gallons)	0	9.00	18.00	27.00			
Water Level (ft.) stable	6.07	41.17	51.43	TOP-59.03			
pH (s.u.) ± .2	6.11	6.22	6.22	6.24			
Sp. Cond. (µmhos/cm) ± 10 %	844	870	930	925			
Water Temp. (°C) constant	14.4	17.0	17.8	17.8			
Turbidity (NTU) ±10 % or ≤ 5 NTU	2.35	0.95	0.41	0.38			
DO	3.72	2.58	3.59	3.25			
GPM/HTZ	- / 86	0.31 / 141	0.27 / 158	0.29 / 168			
ORP	355.3	292.7	272.8	255.4			

COMMENTS/OBSERVATIONS: Clear; slight odor

Date: 10/24/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #: MW-21			
Date: 10/23/13			
Weather Conditions: Sunny, clear, breezy		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 20.00		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 15.59		Well Yield (subjective):	Poor
Length of Water Column (LWC) = TWD - DGW = 4.41		Sample Date and Time:	10/23/13 @ 1425
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 0.72		Metals on 10/24/13 @ 0817	
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 2.16			
Total Volume of Water Removed (gallons): DRY @ 1.00 gallon @ 1405			

Time (military)	1342	1356	1425	DRY			
Volume Purged (Gallons)	0	0.75	1.00				
Water Level (ft.) stable	15.59	18.91	TOP - 19.30				
pH (s.u.) ±.2	6.19	6.32	6.51				
Sp. Cond. (µmhos/cm) ±10%	709	566	621				
Water Temp. (°C) constant	18.0	18.4	19.3				
Turbidity (NTU) ±10% or ≤5 NTU	2.63	9.51	14				
DO	2.09	2.21	3.21				
GPM/HTZ	— /87	0.05/91	0.03/93				
ORP	246.0	212.0	226.2				

COMMENTS/OBSERVATIONS: Clear; no odor; DRY @ 1405; waited 20 minutes for recharge Metals on 10/24/13 @ 0817 NTU = 270 then sampled

Date: 10/~~23~~ 24/13 RP/10/23

By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	(2") or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	(PVC)
Field Personnel: RP		Dedicated Pump:	(Yes) or No
Well ID #: MW-22			
Date: 10/23/13			
Weather Conditions: Overcast, mild, breezy		Method of Well Evacuation:	✓ Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 14.40		Method of Sample Collection:	✓ Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 7.39		Well Yield (subjective):	Poor
Length of Water Column (LWC) = TWD - DGW = 7.01		Sample Date and Time:	10/23/13 @ 0916
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 1.14		Metals on 10/24/13 @ 0802	
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 3.43			
Total Volume of Water Removed (gallons): DRY @ 1.00 gallon			

Time (military)	0856	0916	DRY				
Volume Purged (Gallons)	0	1.00					
Water Level (ft.) stable	7.39	TOP - 13.00					
pH (s.u.) ± .2	6.19	6.52					
Sp. Cond. (µmhos/cm) ± 10 %	1648	1647					
Water Temp. (°C) constant	19.3	23.4					
Turbidity (NTU) ±10 % or ≤ 5 NTU	85	106					
DO	1.37	1.84					
GPM/HTZ	— / 71	0.05 / 80					
ORP	56.9	55.4					

COMMENTS/OBSERVATIONS: Cloudy; odor
Metals on 10/24/13 @ 0802 NTU = 189

Date: 10/~~23~~ 24/13 RP 10/23

By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #: MW-22A			
Date: 10/23/13			
Weather Conditions: Sunny, cool, breezy		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 27.10		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 7.21		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 19.89		Sample Date and Time:	10/23/13 @ 1005
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 3.24			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 9.73			
Total Volume of Water Removed (gallons): 9.75			

Time (military)	0930	0943	0954	1005			
Volume Purged (Gallons)	0	3.25	6.50	9.75			
Water Level (ft.) stable	7.21	13.04	13.72	13.80			
pH (s.u.) ± .2	6.23	6.13	6.14	6.20			
Sp. Cond. (µmhos/cm) ± 10 %	1492	1552	1537	1530			
Water Temp. (°C) constant	18.8	19.8	19.9	19.8			
Turbidity (NTU) ±10 % or ≤ 5 NTU	23	2.15	1.03	0.99			
DO	2.29	2.49	2.47	2.51			
GPM/HTZ	— / 73	0.25/ 81	0.30/ 83	0.30/ 83			
ORP	102.0	104.2	88.2	90.6			

COMMENTS/OBSERVATIONS: Clear; odor

Date: 10/23/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #: MW-24			
Date: 10/24/13			
Weather Conditions: Clear, cool, breezy		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 32.47		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 12.25		Well Yield (subjective):	Poor
Length of Water Column (LWC) = TWD - DGW = 20.22		Sample Date and Time:	10/24/13 @ 1110
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = —			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = 13.20			
Standard Evacuation Volume (3 casing volumes) = 39.601			
Total Volume of Water Removed (gallons): DRY @ 18.00 gallons			

Time (military)	1029	1053	1110	DRY			
Volume Purged (Gallons)	0	13.25	18.00				
Water Level (ft.) stable	12.25	28.29	31.40				
pH (s.u.) ± .2	6.88	7.95	8.20				
Sp. Cond. (µmhos/cm) ± 10 %	811	746	757				
Water Temp. (°C) constant	16.6	18.8	18.6				
Turbidity (NTU) ±10 % or ≤ 5 NTU	0.80	0.93	0.81				
DO	2.58	3.17	2.32				
GPM/HTZ	— / 105	0.55/ 115	0.28 /126				
ORP	232.8	183.4	176.9				

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/24/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	(2") or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	(PVC)
Field Personnel: RP		Dedicated Pump:	(Yes) or No
Well ID #: MW-25			
Date: 10/22/13			
Weather Conditions: Overcast, mild, breezy		Method of Well Evacuation:	✓ Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 23.00		Method of Sample Collection:	✓ Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 7.62		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 15.38		Sample Date and Time:	10/22/13 @ 1438
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 2.51			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 7.52			
Total Volume of Water Removed (gallons): 8.25			

Time (military)	1411	1421	1430	1438			
Volume Purged (Gallons)	0	2.75	5.50	8.25			
Water Level (ft.) stable	7.62	10.55	11.06	11.80			
pH (s.u.) ± .2	6.02	6.04	6.01	5.99			
Sp. Cond. (µmhos/cm) ± 10 %	1437	1482	1486	1479			
Water Temp. (°C) constant	21.9	22.9	23.0	23.0			
Turbidity (NTU) ±10 % or ≤ 5 NTU	18	12	6.33	5.33			
DO	5.12	2.98	3.19	1.60			
GPM/HTZ	— / 78	0.28 / 78	0.31 / 80	0.34 / 80			
ORP	182.5	158.8	132.5	108.3			

COMMENTS/OBSERVATIONS: Clear; odor
DUP here

Date: 10/22/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RR		Dedicated Pump:	Yes or No
Well ID #: MW-30R			
Date: 10/24/13			
Weather Conditions: Clear; sunny, breezy		Method of Well Evacuation:	✓ Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 35.10		Method of Sample Collection:	✓ Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 27.40		Well Yield (subjective):	Good
Length of Water Column (LWC) = TWD - DGW = 7.70		Sample Date and Time:	10/24/13 @ 1303
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 1.26			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 3.77			
Total Volume of Water Removed (gallons): 5.50			

Time (military)	1245	1250	1255	1300	1303		
Volume Purged (Gallons)	0	1.50	3.00	4.50	5.50		
Water Level (ft.) stable	27.40	28.68	28.68	28.66	28.66		
pH (s.u.) ± .2	7.33	6.99	6.69	6.58	6.55		
Sp. Cond. (µmhos/cm) ± 10 %	246	234	236	236	233		
Water Temp. (°C) constant	16.5	16.6	17.2	17.3	17.3		
Turbidity (NTU) ±10 % or ≤ 5 NTU	9.61	8.71	6.34	5.30	5.46		
DO	4.11	2.61	2.17	1.83	2.01		
GPM/HTZ	— / 117	0.30 / 117	0.30 / 117	0.30 / 117	0.33 / 117		
ORP	220.4	234.1	243.0	243.5	244.7		

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/24/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP		Dedicated Pump:	Yes or No
Well ID #: MW-33			
Date: 10/24/13			
Weather Conditions: Sunny, clear, cool		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 32.23		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 27.73		Well Yield (subjective):	Poor
Length of Water Column (LWC) = TWD - DGW = 4.50		Sample Date and Time:	10/24/13 @ 1332
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 0.73			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 2.20			
Total Volume of Water Removed (gallons): DRY @ 0.75 gallons			

Time (military)	1326	1332	DRY				
Volume Purged (Gallons)	0	0.75					
Water Level (ft.) stable	27.73	TOP-30.60					
pH (s.u.) ±.2	5.82	5.72					
Sp. Cond. (µmhos/cm) ±10%	144	147					
Water Temp. (°C) constant	15.8	16.3					
Turbidity (NTU) ±10% or ≤5 NTU	4.64	3.30					
DO	2.27	1.42					
GPM/HTZ	— /122	0.13 /128					
ORP	276.0	256.9					

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/24/13 By: [signature]

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material:	PVC
Field Personnel: RP OR		Dedicated Pump:	Yes or No
Well ID #: MW-34			
Date: 10/24/13			
Weather Conditions: Sunny, clear cool		Method of Well Evacuation:	✓Grundfos Redi-flo II
Total Well Depth in feet (TWD) = 32.52		Method of Sample Collection:	✓Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = 30.02		Well Yield (subjective):	Poor
Length of Water Column (LWC) = TWD - DGW = 2.50		Sample Date and Time:	N/A
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = 0.41			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = —			
Standard Evacuation Volume (3 casing volumes) = 1.22			
Total Volume of Water Removed (gallons): N/A			

Time (military)	DRY						
Volume Purged (Gallons)	0						
Water Level (ft.) stable							
pH (s.u.) ± .2							
Sp. Cond. (µmhos/cm) ± 10 %							
Water Temp. (°C) constant							
Turbidity (NTU) ±10 % or ≤ 5 NTU							
GPM/HTZ							

COMMENTS/OBSERVATIONS: Insufficient volume; could not sample

Date: 10/24/13 By: [signature] RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	NA
Site Name:	Charlotte Motor Speedway V Landfill	Casing Material:	NA
Field Personnel:	~~William Flammer~~ Ray Powe David Russell	Dedicated Pump:	NA
Well ID #:	**CMS V SurfaceWater SW - 1**		
		Method of Well Evacuation:	NA
		Method of Sample Collection:	NA
Weather Conditions: Sunny, breezy, cool			
Depth to Ground Water in feet (DGW) = N/A	NA	Sample Date and Time:	10/24/13 @ 1446
Total Well Depth in feet (TWD) =	NA		
		PSI	NA
Purge Rate (mLm)	NA	REFILL	NA
		DISCHARGE	NA
Total Volume of Water Removed (Liters):	NA	End Water Level:	NA

Time (military)	1446						
pH (s.u.) ± .2	7.72						
Sp. Cond. (µmhos/cm) ± 10 %	400						
Water Temp. (°C) constant	13.7						
Turbidity (NTU) ±10 % or ≤ 5 NTU	5.18						
Dissolved Oxygen (mg/L) ±10 %	4.80						

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/24/13

By: Ray Powe
ASI Field Technician

RP

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter:	NA
Site Name:	Charlotte Motor Speedway V Landfill	Casing Material:	NA
Field Personnel:	~~William Flammer~~ Ray Powe David Russell	Dedicated Pump:	NA
Well ID #:	**CMS V SurfaceWater SW - 2**		
		Method of Well Evacuation:	NA
		Method of Sample Collection:	NA
Weather Conditions:	Sunny, cool, breezy		
Depth to Ground Water in feet (DGW) =	NA	Sample Date and Time:	10/24/13 @ 1522
Total Well Depth in feet (TWD) =	NA		
		PSI	NA
Purge Rate (mLm)	NA	REFILL	NA
		DISCHARGE	NA
Total Volume of Water Removed (Liters):	NA	End Water Level:	NA

Time (military)	1522						
pH (s.u.) ± .2	7.70						
Sp. Cond. (µmhos/cm) ± 10 %	534						
Water Temp. (°C) constant	12.5						
Turbidity (NTU) ±10 % or ≤ 5 NTU	3.63						
Dissolved Oxygen (mg/L) ±10 %	4.38						

COMMENTS/OBSERVATIONS: Clear; no odor

Date: 10/24/13

By: [signature]
ASI Field Technician

[signature]

ASI Analytical Services

FIELD DATA INFORMATION LOG FOR GROUND-WATER SAMPLING

Client:	Republic Services	Casing Diameter: N/A	2" or 4"
Site Name	Charlotte Motor Speedway V Landfill	Casing Material: N/A	PVC
Field Personnel: RP DR		Dedicated Pump: N/A	Yes or No
Well ID #: LEACHATE			
Date: 10/25/13			
Weather Conditions: Cool, Clear,		Method of Well Evacuation: N/A	Grundfos Redi-flo II
Total Well Depth in feet (TWD) = N/A		Method of Sample Collection: N/A	Grundfos Redi-flo II
Depth to Ground Water in feet (DGW) = N/A		Well Yield (subjective): N/A	
Length of Water Column (LWC) = TWD - DGW = N/A		Sample Date and Time: 10/25/13 @ 0730	
2" Well: 1 Casing Volume in gallons (CV) = LWC x 0.163 = N/A			
4" Well: 1 Casing Volume in gallons (CV) = LWC x 0.653 = N/A			
Standard Evacuation Volume (3 casing volumes) = N/A			
Total Volume of Water Removed (gallons): N/A			

Time (military)	0730						
Volume Purged (Gallons)	0						
Water Level (ft.) stable	—						
pH (s.u.) ±.2	8.10						
Sp. Cond. (µmhos/cm) ±10%	4677						
Water Temp. (°C) constant	11.7						
Turbidity (NTU) ±10% or ≤5 NTU	12						
DO	2.36						
GPM/HTZ	—						
ORP	166.2						

COMMENTS/OBSERVATIONS: Clear; odor

Date: 10/25/13 By: [signature]

RP DR