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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 30, November 6 - 9, 2012.

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 — 12/14/12 Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA LICENSED SEAL 12/14/12

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 2012
Sampling Event

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

December 2012

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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 2012 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 2012 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 2012 event. Groundwater flow direction for the Second Semi-Annual 2012 event was to the southwest, consistent with past events. Groundwater flow rate for the Second Semi-Annual 2012 event was estimated to range from 22 feet/year to 135 feet/year. Flow rate calculations are available in Appendix A.

4.0 STATISTICAL PROCEDURES

The *Sanitas*™ program was utilized to compile and statistically evaluate the data for the Second Semi-Annual 2012 sampling event. Summary tables for the inter-well prediction interval analysis are available in Appendix B.

4.1 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 2012 event, nine inorganic results exceeded inter-well prediction limits. Table 2 provides a summary of the prediction limit exceedances.

4.2 Trend Analysis

When used in conjunction, the Mann-Kendall test for temporal trend and the Sen's slope estimate are two types of evaluation monitoring statistics useful in determining the significance of an apparent trend and to estimate the magnitude of that trend. Positive and negative values of Mann-Kendall statistics and critical values, respectively, relate to increasing and decreasing trends. After Herst & Associates, Inc. calculated inter-well prediction intervals, the Sen's Slope/Mann-Kendall test was performed on each inorganic constituent from each well that suggested a statistically significant increase (SSI). For the Second Semi-Annual 2012 event, barium at MW-18A and MW-20B; cobalt at MW-2B; and nickel at MW-22A are statistically trending upward. The Sen's Slope/Mann-Kendall analysis plots are presented in Appendix B. Also included in Appendix B are time series plots for each of the inorganic parameters statistically analyzed for this reporting period.

4.3 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 2012 sampling event, nine organic results (see Table 3) were detected at or above an SWSL. During the Second Semi-Annual 2012 event, the detections are at low concentrations, with no organic concentrations above an MCL. During the Second Semi-Annual 2012 event, the following five organic results were detected at or above an SWSL and exceeded a respective NCAC 2L Standard: benzene at MW-17 and MW-18A; 1,4-dichlorobenzene at MW-25; tetrachloroethene at MW-17; and vinyl chloride at MW-25. Time series plots for the Second Semi-Annual 2012 organic detections at or above SWSLs are available in Appendix B.

Table 4 provides a comparison table of the Second Semi-Annual 2012 results to the GWPSs.

Per NCDENR Regulation .1634(f), a statistical comparison must be 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).

A 95% 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 95% confidence interval on the mean was compared to the GWPS to determine whether the mean concentration exceeded its GWPS. If the lower 95% 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 detection limit prior to performing the normality test and constructing the confidence limit.

Per .1634(h)(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 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(h)(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(h)(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(h)(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(h)(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(h)(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(h)(5).

Inorganic and organic concentrations detected above GWPSs (See Table 4) were statistically compared to their respective GWPSs. As provided in Appendix B, one organic concentration (vinyl chloride at MW-25) statistically exceeded the GWPS for the Second Semi-Annual 2012 event. As provided in Appendix B, no inorganic concentrations statistically exceeded a GWPS for the Second Semi-Annual 2012 event.

4.4 Statistical Results Summary

For the Second Semi-Annual 2012 event, nine inorganic results exceeded inter-well prediction limits. Table 2 provides a summary of the prediction limit exceedances. Barium at MW-18A and MW-20B; cobalt at MW-2B; and nickel at MW-22A are statistically trending upward.

During the Second Semi-Annual 2012 sampling event, nine organic results (see Table 3) were detected at or above a Solid Waste Section Limit (SWSL). During the Second Semi-Annual 2012 event, no organic concentrations at or above an SWSL also exceeded an MCL. During the Second Semi-Annual 2012 event, the following five organic results were detected at or above an SWSL and exceeded a respective NCAC 2L Standard: benzene at MW-17 and MW-18A; 1,4-dichlorobenzene at MW-25; tetrachloroethene at MW-17; and vinyl chloride at MW-25. The organic compounds detected are consistent with past events.

Inorganic and organic concentrations detected at or above GWPSs were statistically compared to their respective GWPSs. Each of the inorganics and organics was statistically below their respective GWPS, with the exceptions of vinyl chloride at MW-25.

The number and concentration of prediction limit exceedances and GWPS exceedances are consistent with past events. Appendix C contains a copy of the groundwater laboratory analytical reports and field log sheets for the Second Semi-Annual 2012 event.

Appendix C also contains a copy of the surface water and leachate laboratory analytical reports and field logs for the Second Semi-annual 2012 event.

5.0 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 background values, using the approved statistical procedures, for two consecutive sampling events, the owner or operator shall report this information to the Division, and the Division may give approval to the owner or operator to return to detection monitoring.

(f) If the concentrations of any Appendix II constituents are above background values, but all concentrations are below the approved ground-water protection standards, using the approved statistical procedures, the owner or operator shall continue assessment monitoring.

During the Second Semi-Annual 2012 event, a limited number of concentrations of Appendix II constituents were above background values (see Tables 2 and 3), however all organic concentrations were statistically below the GWPSs, with the exception of vinyl chloride at MW-25. Wells in the proximity of MW-25 (MW-2A, MW-2B, MW-22, and MW-22A) and wells downgradient of MW-25 (MW-10 and MW-10A) do not exhibit detections of vinyl chloride. Therefore, vinyl chloride is limited to the vicinity of MW-25. It is recommended that the site continue in Assessment Monitoring. The inorganic and organic detections at or above SWSLs are also on the Appendix I Detection Monitoring list.

(g) If one or more Appendix II constituents are detected at statistically significant levels 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 all appropriate local government officials. (1) The owner or

operator shall also: (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) The owner or operator may demonstrate that a source other than a MSWLF unit caused the contamination, or the statistically significant increase resulted from error in sampling, analysis, statistical evaluation, or natural variation in ground-water quality. A report documenting this demonstration shall be certified by a Licensed Geologist or Professional Engineer and approved by the Division. A copy of the approved report shall also be placed in the operating record. If a successful demonstration is made, the owner or operator shall continue assessment monitoring, and may return to detection monitoring if the Appendix II constituents are at or below background and approval is given by the Division. Until a successful demonstration is made, the owner or operator shall comply with Paragraph (g) of this Rule including initiating an assessment of corrective measures.

During the Second Semi-Annual 2012 event, concentrations were statistically below the GWPSs, with the exception of vinyl chloride at MW-25. Wells in the proximity of MW-25 (MW-2A, MW-2B, MW-22, and MW-22A) and wells downgradient of MW-25 (MW-10 and MW-10A) do not exhibit detections of vinyl chloride. Therefore, vinyl chloride is limited to the vicinity of MW-25. Since wells are located between MW-25 and the property line and those wells do not exhibit detections of vinyl chloride, wells downgradient of MW-25 already exist and the extent of vinyl chloride has been defined to the area in the vicinity of MW-25 (no indication of off-site migration). Based on the detections of vinyl chloride at MW-25, the site does not recommend additional corrective measures other than what have already been implemented in the form of LFGCC upgrades.

During the Second Semi-Annual 2012 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 December 4, 2012. The inorganic and organic detections above SWSLs at the Assessment wells were also on the Appendix I Detection Monitoring list.

The First Semi-Annual 2013 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 Gas Collection and Control System (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 will 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.
- Installed 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.

Because of the improvements stated above, the efficiency of the GCCS has improved. 2012 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 2012 event sampling results exhibited concentrations above the GWPSs for the following: benzene (MW-19R/MW-19AR), barium (MW-18R/MW-19R), cobalt (MW-19R/MW-19AR), and vanadium (MW-18R). Table 5 summarizes the results of the Second Semi-Annual 2012 event at water quality assessment (extent) wells MW-18R, MW-18AR, MW-19R, and MW-19AR. No GWPSs have been exceeded at MW-18AR during the last four events.

Prior to the Second Semi-Annual 2012 event, no GWPSs had been exceeded at MW-18R, however the barium and vanadium exceedances are likely attributed to the increased suspended sediment in the water samples as indicated by the elevated field turbidity value during sampling (225 NTU) after the well went dry and was allowed to recover. 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 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.

TABLES

TABLE 1 WELLS ANALYZED SECOND SEMI-ANNUAL 2012 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
PREDICTION LIMIT EXCEEDANCES
SECOND SEMI-ANNUAL 2012 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-1A	Cobalt	NE	*0.001	0.0180	0.00017	0.01	0.015	No
MW-2B	Cobalt	NE	*0.001	0.0280	0.00017	0.01	0.015	Yes
MW-12	Cobalt	NE	*0.001	0.0501	0.00017	0.01	0.015	No
MW-18A	Barium	2	0.7	0.596	0.00049	0.1	0.38	Yes
MW-20B	Barium	2	0.7	0.547	0.00049	0.1	0.38	Yes
MW-21	Cobalt	NE	*0.001	0.0656	0.00017	0.01	0.015	No
	Nickel	NE	0.1	0.0516	0.00018	0.05	0.043	No
MW-22A	Nickel	NE	0.1	0.0878	0.00018	0.05	0.043	Yes
MW-26	Nickel	NE	0.1	0.0462 J	0.00018	0.05	0.043	No

J: Denotes Sample result above the MDL but below the SWSL; estimated value; value may not be accurate.
** 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 3
ORGANIC DETECTIONS
SECOND SEMI-ANNUAL 2012 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	Benzene	5	1	2.8	0.1	1
	cis-1,2-Dichloroethene	70	70	5.9	0.2	5
	Tetrachloroethene	5	0.7	1.4	0.2	1
	Trichloroethene	5	3	1.5	0.2	1
MW-18A	Benzene	5	1	1.6	0.1	1
MW-19A	1,4-Dichlorobenzene	75	6	1.5	0.3	1
MW-25	1,4-Dichlorobenzene	75	6	12	0.3	1
	cis-1,2-Dichloroethene	70	70	7.3	0.2	5
	Vinyl Chloride	2	0.03	1.4	0.2	1

Detections listed are for concentratiosn 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 4
SECOND SEMI-ANNUAL 2012 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****	1.06 J	0.31 J	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	<6.00	0.4 J	<6.00	0.19 J	<6.00
Arsenic Total	10	10	NE	**10**	<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	3.85 J	2.17 J
Barium Total	2,000	700	NE	**700**	172	6.46 J	81.6 J	22.6 J	47.6 J	26.5 J	21.8 J	19.1 J	9.77 J	5.88 J	70.4 J	41.8 J	151	187	596	242
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****	0.07 J	<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	0.17 J	<1.00
Chromium Total	100	10	NE	**98****	1.1 J	1.9 J	2.27 J	2.49 J	9.49 J	3.2 J	3.77 J	6.08 J	2.79 J	2.71 J	2.94 J	7.21 J	1.47 J	0.77 J	<10.0	<10.0
Cobalt Total	NE	NE	1	**15****	18	1.99 J	0.45 J	28	1.59 J	0.23 J	0.37 J	50.1	0.51 J	0.27 J	8.07 J	2.26 J	0.54 J	0.27 J	5.51 J	0.93 J
Copper Total	1,300	1,000	NE	**1,000**	2.53 J	1.41 J	1.17 J	0.49 J	1.36 J	0.79 J	0.81 J	0.96 J	2.14 J	0.86 J	2.52 J	2.23 J	0.83 J	0.78 J	1.34 J	1.13 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**	<10.0	<10.0	<10.0	<10.0	0.15 J	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	0.26 J	<10.0	<10.0	0.1 J	<10.0
Mercury Total	2	1	NE	**1**	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	0.072 J B	0.063 J B	0.071 J B	<0.200	<0.200	<0.200	<0.200
Nickel Total	NE	100	NE	**100**	8.71 J	21.6 J	11.6 J	6.2 J	6.36 J	1.48 J	2.26 J	6.99 J	17.7 J	2.04 J	15.5 J	5.07 J	1.84 J	3.03 J	9.43 J	35.2 J
Selenium Total	50	20	NE	**20**	1.96 J	2.37 J	1.26 J	0.59 J	<10.0	<10.0	<10.0	0.92 J	<10.0	1.06 J	<10.0	1.03 J	<10.0	1.22 J	<10.0	5.08 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	<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
Tin Total	NE	NE	2,000	**2,000**	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Vanadium Total	NE	NE	0.3	**17****	3.48 J B	5.72 J B	5.19 J B	7.26 J B	5.26 J B	3.98 J B	6.23 J B	7.23 J B	9.45 J B	7.67 J B	5.02 J B	9.01 J B	<25.0	<25.0	<25.0	<25.0
Zinc Total	NE	1,000	NE	**1,000**	4.97 J	2.8 J	0.63 J	<10.0	5.36 J	2.57 J	0.74 J	1.57 J	4.43 J	1.41 J	1.99 J	2.62 J	1.41 J	1.96 J	26.9	0.79 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	<6.00	<6.00	<6.00	0.38 J	<6.00	<6.00	<6.00	<6.00	<6.00	0.75 J	0.25 J	<6.00	<6.00	Dry
Arsenic Total	10	10	NE	**10**	<10.0	<10.0	<10.0	1.47 J	<10.0	1.38 J	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	Dry
Barium Total	2,000	700	NE	**700**	222	350	547	83.1 J	57 J	39.9 J	108	115	161	49.8 J	38 J	35 J	81.9 J	39 J	28.7 J	50.2 J	Dry
Beryllium Total	4	NE	4	**4**	0.16 J	0.13 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	0.21 J	0.1 J	0.11 J	0.11 J	<1.00	<1.00	<1.00	<1.00	Dry
Cadmium Total	5	2	NE	**5****	<1.00	0.06 J	1.38	0.07 J	<1.00	0.23 J	<1.00	0.17 J	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	Dry
Chromium Total	100	10	NE	**98****	3.27 J	2.3 J	3.04 J	34.4	<10.0	<10.0	<10.0	<10.0	31.6	14.3	9.08 J	6.46 J	4.45 J	4.4 J	6.2 J	11.2	Dry
Cobalt Total	NE	NE	70	**15****	5.24 J	2.15 J	4.03 J	65.6	10.8	12.4	0.62 J	13.5	6.92 J	1.66 J	0.38 J	2.32 J	1.28 J	0.52 J	0.82 J	2.31 J	Dry
Copper Total	1,300	1,000	NE	**1,000**	1.81 J	0.97 J	1.98 J	49	15.1	11.2	1.21 J	1.59 J	15.7	32	0.66 J	14.7	9.88 J	3.05 J	8.05 J	10.1	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**	0.11 J	<10.0	0.21 J	0.77 J	<10.0	<10.0	0.11 J	<10.0	0.51 J	0.39 J	<10.0	0.19 J	0.18 J	0.12 J	12.4	2.63 J	Dry
Mercury Total	2	1	NE	**1**	0.084 J B	0.091 J B	0.072 J	<0.200	<0.200	<0.200	<0.200	<0.200	0.11 J B	0.071 J B	0.062 J B	0.088 J B	<0.200	<0.200	0.069 J B	0.097 J B	Dry
Nickel Total	NE	100	NE	**100**	27.6 J	32.4 J	31.7 J	51.6	22.5 J	87.8	4.22 J	23.4 J	46.2 J	16.7 J	10.4 J	7.82 J	5.21 J	3.27 J	10.2 J	10.6 J	Dry
Selenium Total	50	20	NE	**20**	2.55 J	0.68 J	3.78 J	6.79 J	2.17 J	7.27 J	1.73 J	3.74 J	1.18 J	<10.0	<10.0	0.68 J	<10.0	<10.0	<10.0	<10.0	Dry
Silver Total	NE	20	NE	**20**	<10.0	<10.0	<10.0	0.19 J	<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****	<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	<5.50	Dry
Tin Total	NE	NE	2,100	**2,000**	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	Dry
Vanadium Total	NE	NE	0.3	**17****	4.68 J B	2.42 J B	2.09 J	<25.0	<25.0	<25.0	<25.0	<25.0	14.6 J B	10.3 J B	6.66 J B	8.29 J B	2.44 J	<25.0	1.74 J	2.05 J	Dry
Zinc Total	NE	1,000	NE	**1,000**	510	18.6	25.2	27.9	1.83 J	6.26 J	0.92 J	2.85 J	8.49 J	6.46 J	<10.0	3 J	18.1	5.73 J	1.58 J	13.6	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	1 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.2 J	0.4 J	1.1 J	0.4 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	<1.0	<1.0	<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	<1.0
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	2.8	0.4 J	1.6	0.5 J
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	0.9 J	0.5 J
Chloroethane	NE	3,000	NE	**3,000**	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
cis-1,2-Dichloroethene	70	70	NE	**70**	<5.0	<5.0	0.5 J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	5.9	1 J	3.8 J	0.5 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	<5.0	<5.0	<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	<100
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	1.4	0.4 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	1.5	0.4 J	0.3 J	<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	0.7 J	<1.0	0.6 J	<1.0

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	1.8 J	4.7 J	0.3 J	<5.0	<5.0	<5.0	1.5 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**	1.5	0.3 J	1 J	<1.0	<1.0	<1.0	<1.0	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry
Benzene	5	1	NE	**1**	0.5 J	<1.0	0.6 J	<1.0	<1.0	<1.0	<1.0	0.6 J	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry
Chlorobenzene	100	50	NE	**50**	0.6 J	<3.0	0.5 J	<3.0	<3.0	0.5 J	<3.0	1.2 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	1.3 J	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	Dry
cis-1,2-Dichloroethene	70	70	NE	**70**	<5.0	1 J	3.8 J	<5.0	<5.0	<5.0	<5.0	7.3	<5.0	<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**	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	Dry
Tetrachloroethene	5	0.7	NE	**0.7**	<1.0	<1.0	0.2 J	<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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Dry
Vinyl Chloride	2	0.03	NE	**1****	<1.0	<1.0	0.2 J	<1.0	<1.0	<1.0	<1.0	1.4	<1.0	<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, and laboratory method blank at similar concentrations.
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 aat or bove an SWSL is also above the GWPS:

TABLE 5
SECOND SEMI-ANNUAL 2012 EVENT, WATER QUALITY ASSESSMENT WELL DATA COMPARED TO GWPSs
CHARLOTTE MOTOR SPEEDWAY, LANDFILL V

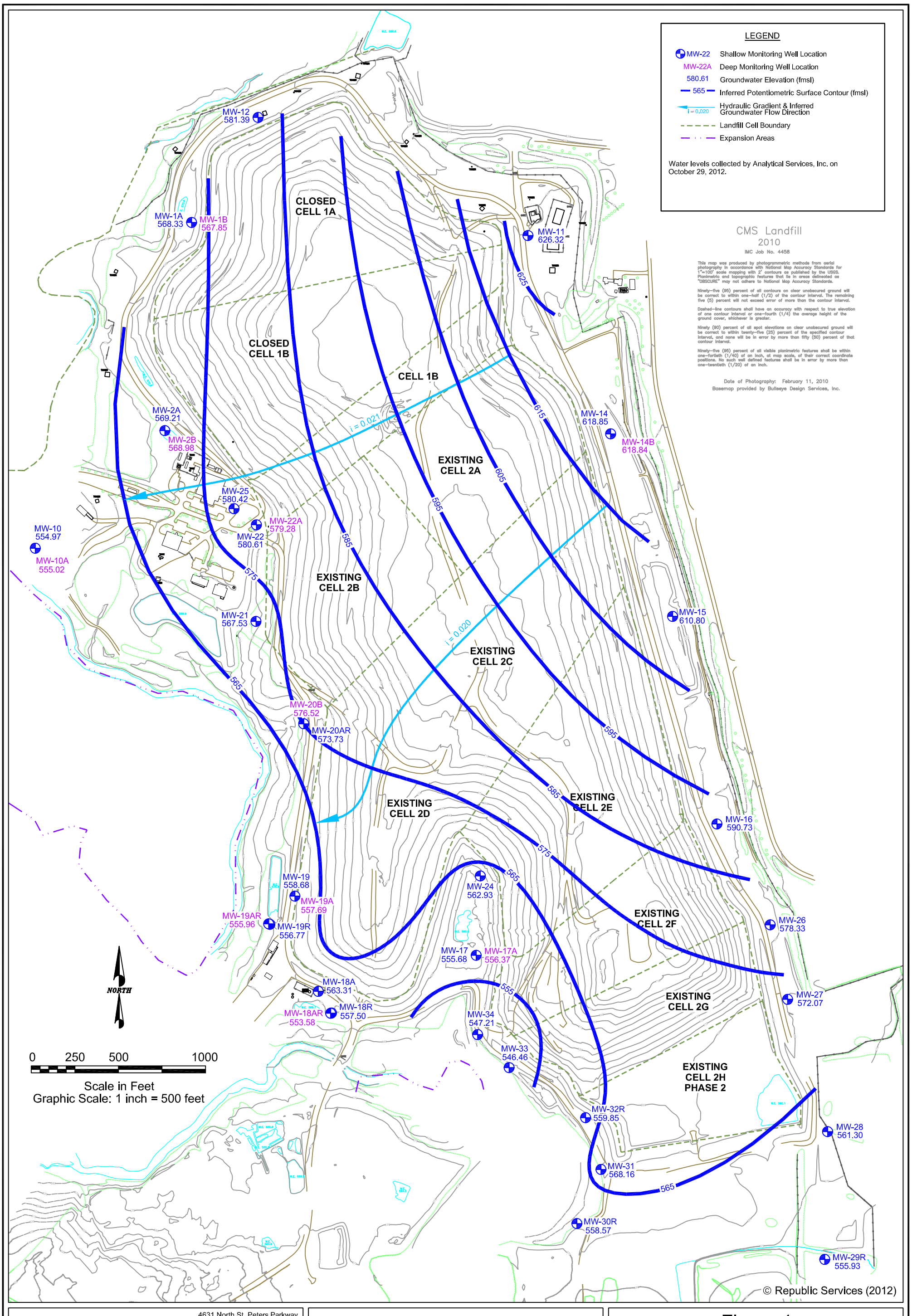
Constituent (ug/L)	MCL	NC 2L Std	NC GWPS	Final GWPS	MW-18AR	MW-18R	MW-19AR	MW-19R
Antimony Total	6	NE	1	**15****	<6.00	<6.00	0.66 J	0.34 J
Arsenic Total	10	10	NE	**10**	<10.0	<10.0	5.8 J	7.25 J
Barium Total	2,000	700	NE	**700**	19.6 J	811	244	1010
Beryllium Total	4	NE	4	**4**	0.12 J	0.78 J	0.24 J	<1.00
Cadmium Total	5	2	NE	**5****	<1.00	0.58 J	1.06	0.72 J
Chromium Total	100	10	NE	**98****	26.2	11.3 J	37.8	2.63 J
Cobalt Total	NE	NE	1	**15****	1.07 J	12.2	22.8	19.5
Copper Total	1,300	1,000	NE	**1,000**	4.86 J	35.4	19.7	13.2
Cyanide Total	200	70	NE	**70**	NS	NS	NS	NS
Lead Total	15	15	NE	**15**	0.79 J	3.39 J	1.62 J	0.93 J
Mercury Total	2	1	NE	**1**	0.071 J B	0.815 B	0.12 J	<0.200
Nickel Total	NE	100	NE	**100**	18.1 J	7.42 J	72.6	47.2 J
Selenium Total	50	20	NE	**20**	<10.0	<10.0	6.82 J	7.36 J
Silver Total	NE	20	NE	**20**	0.47 J	0.2 J	1.96 J	<10.0
Sulfide	NE	NE	NE	**1,000***	NS	NS	NS	NS
Thallium Total	2	NE	0.28	**5****	<5.50	<5.50	<5.50	<5.50
Tin Total	NE	NE	2,000	**2,000**	1.5 J	1.4 J	1.8 J	1.5 J
Vanadium Total	NE	NE	0.3	**17****	5.11 J B	72.9 B	5.87 J	4.91 J
Zinc Total	NE	1,000	NE	**1,000**	191	247	32.1	27.4

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**	<5.0	0.3 J	0.5 J	0.4 J
1,2-Dichloroethane	5	0.4	NE	**1****	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	75	6	NE	**6**	<1.0	0.4 J	4	5.1
Benzene	5	1	NE	**1**	<1.0	0.7 J	2.9	3.3
Chlorobenzene	100	50	NE	**50**	<3.0	0.4 J	2.6 J	3.1
Chloroethane	NE	3,000	NE	**3,000**	<10	<10	<10	<10
cis-1,2-Dichloroethene	70	70	NE	**70**	<5.0	1 J	0.3 J	0.3 J
Dichlorodifluoromethane	NE	1,000	NE	**1,000**	<5.0	<5.0	<5.0	<5.0
Methyl Ethyl Ketone (2-Butanone)	NE	4,000	NE	**4,000**	<100	3.2 J	<100	<100
Tetrachloroethene	5	0.7	NE	**0.7**	<1.0	0.4 J	<1.0	<1.0
trans-1,2-Dichloroethene	100	100	NE	**100**	<5.0	<5.0	<5.0	<5.0
Trichloroethene	5	3	NE	**3**	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	2	0.03	NE	**1****	<1.0	0.2 J	0.3 J	0.2 J

B: Denotes parameter also detected in the associated field blank, trip blank, and laboratory method blank at similar concentrations.
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 GWPS:

APPENDICES

APPENDIX A
POTENTIOMETRIC SURFACE MAP



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Charlotte Motor Speedway
Landfill V
Harrisburg, North Carolina

Figure 1
Second Semi-Annual 2012
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	11.12	568.33
MW-2A	579.92	10.71	569.21
MW-10	578.10	23.13	554.97
MW-11	638.82	12.50	626.32
MW-12	596.69	15.30	581.39
MW-14	629.56	10.71	618.85
MW-15	620.60	9.80	610.80
MW-16	606.53	15.80	590.73
MW-17	569.88	14.20	555.68
MW-18A	581.81	18.50	563.31
MW-18R	580.02	22.52	557.50
MW-19	588.58	29.90	558.68
MW-19R	582.53	25.76	556.77
MW-20AR	585.28	11.55	573.73
MW-21	581.99	14.46	567.53
MW-22	586.21	5.60	580.61
MW-24	576.00	13.07	562.93
MW-25	589.07	8.65	580.42
MW-26	594.86	16.53	578.33
MW-27	581.32	9.25	572.07
MW-28	574.45	13.15	561.30
MW-29R	565.61	9.68	555.93
MW-30R	587.84	29.27	558.57
MW-31	592.26	24.10	568.16
MW-32R	587.80	27.95	559.85
MW-33	575.70	29.24	546.46
MW-34	577.71	30.50	547.21
Deep Wells			
MW-1B	580.74	12.89	567.85
MW-2B	579.92	10.94	568.98
MW-10A	578.67	23.65	555.02
MW-14B	629.82	10.98	618.84
MW-17A	570.12	13.75	556.37
MW-18AR	579.93	26.35	553.58
MW-19A	588.07	30.38	557.69
MW-19AR	582.83	26.87	555.96
MW-20B	583.57	7.05	576.52
MW-22A	586.13	6.85	579.28

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 Prism Laboratories, Inc. on October 29, 2012.

Groundwater Flow Velocity Calculations
Charlotte Motor Speedway, Landfill V
Second Semi-Annual 2012 Event

Velocity Range

For wells in Saprolite
V = [(k)(i)]/(n)
V = [(1 x 10^{-3} cm/sec)(0.021]/0.16
V = 1.3 x 10^{-4} cm/sec
V = 0.37 ft/day
V = 135 ft/year

For wells in PWR
V = [(k)(i)]/(n)
V = [(2 x 10^{-4} cm/sec)(0.021]/0.20
V = 2.1 x 10^{-5} cm/sec
V = 6.0 x 10^{-2} ft/day
V = 22 ft/year

For wells in Bedrock
V = [(k)(i)]/(n)
V = [(7 x 10^{-5} cm/sec)(0.021]/0.07
V = 2.1 x 10^{-5} cm/sec
V = 6.0 x 10^{-2} ft/day
V = 22 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 2012 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 / 2,377 ft = 0.021*
i_{south}*: = 50 ft / 2,547 ft = 0.020*
Average gradient across the site is (0.021 + 0.020) / 2 = 0.021

APPENDIX B
STATISTICAL EVALUATIONS

Prediction Limit Summary Table

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS Printed 11/28/2012, 10:45 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony Total (ug/L)	MW-10	15	11/8/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-10A	15	11/8/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-12	15	11/8/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-1A	15	11/7/2012	1.06 (J)	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-1B	15	11/7/2012	0.31 (J)	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-2A	15	11/6/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-2B	15	11/6/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-21	15	10/30/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-22	15	10/30/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-22A	15	10/30/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-20B	15	10/30/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-20AR	15	11/6/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-17	15	10/30/2012	0.4 (J)	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-17A	15	10/30/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-24	15	10/30/2012	0.38 (J)	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-18A	15	10/30/2012	0.19 (J)	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-19	15	10/30/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-19A	15	11/8/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-25	15	10/30/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-16	15	11/7/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-26	15	11/7/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-27	15	11/8/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-28	15	11/7/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-31	15	11/8/2012	0.25 (J)	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-33	15	11/9/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-29R	15	11/7/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-30R	15	11/7/2012	0.75 (J)	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Antimony Total (ug/L)	MW-32R	15	11/8/2012	3ND	No	146	n/a	n/a	91.1	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-10	5.1	11/8/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-10A	5.1	11/8/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-12	5.1	11/8/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-1A	5.1	11/7/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-1B	5.1	11/7/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-2A	5.1	11/6/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-2B	5.1	11/6/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-21	5.1	10/30/2012	1.47 (J)	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-22	5.1	10/30/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-22A	5.1	10/30/2012	1.38 (J)	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-20B	5.1	10/30/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-20AR	5.1	11/6/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-17	5.1	10/30/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-17A	5.1	10/30/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-24	5.1	10/30/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-18A	5.1	10/30/2012	3.85 (J)	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-19	5.1	10/30/2012	2.17 (J)	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-19A	5.1	11/8/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-25	5.1	10/30/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-16	5.1	11/7/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-26	5.1	11/7/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-27	5.1	11/8/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2

Prediction Limit Summary Table

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS Printed 11/28/2012, 10:45 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic Total (ug/L)	MW-28	5.1	11/7/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-31	5.1	11/8/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-33	5.1	11/9/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-29R	5.1	11/7/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-30R	5.1	11/7/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Arsenic Total (ug/L)	MW-32R	5.1	11/8/2012	5ND	No	151	n/a	n/a	96.69	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Barium Total (mg/L)	MW-10	0.38	11/8/2012	0.0476 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-10A	0.38	11/8/2012	0.0265 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-12	0.38	11/8/2012	0.0191 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-1A	0.38	11/7/2012	0.172	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-1B	0.38	11/7/2012	0.00646 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-2A	0.38	11/6/2012	0.0816 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-2B	0.38	11/6/2012	0.0226 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-21	0.38	10/30/2012	0.0831 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-22	0.38	10/30/2012	0.057 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-22A	0.38	10/30/2012	0.0399 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	**MW-20B**	**0.38**	**10/30/2012**	**0.547**	**Yes**	**153**	**n/a**	**n/a**	**21.57**	**n/a**	**n/a**	**0.00008384**	**NP Inter (normality) 1 of 2**
Barium Total (mg/L)	MW-20AR	0.38	11/6/2012	0.35	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-17	0.38	10/30/2012	0.151	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-17A	0.38	10/30/2012	0.187	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-24	0.38	10/30/2012	0.108	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	**MW-18A**	**0.38**	**10/30/2012**	**0.596**	**Yes**	**153**	**n/a**	**n/a**	**21.57**	**n/a**	**n/a**	**0.00008384**	**NP Inter (normality) 1 of 2**
Barium Total (mg/L)	MW-19	0.38	10/30/2012	0.242	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-19A	0.38	11/8/2012	0.222	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-25	0.38	10/30/2012	0.115	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-16	0.38	11/7/2012	0.0418 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-26	0.38	11/7/2012	0.161	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-27	0.38	11/8/2012	0.0498 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-28	0.38	11/7/2012	0.038 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-31	0.38	11/8/2012	0.039 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-33	0.38	11/9/2012	0.0502 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-29R	0.38	11/7/2012	0.035 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-30R	0.38	11/7/2012	0.0819 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Barium Total (mg/L)	MW-32R	0.38	11/8/2012	0.0287 (J)	No	153	n/a	n/a	21.57	n/a	n/a	0.00008384	NP Inter (normality) 1 of 2
Beryllium Total (ug/L)	MW-10	1.0	11/8/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-10A	1.0	11/8/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-12	1.0	11/8/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-1A	1.0	11/7/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-1B	1.0	11/7/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-2A	1.0	11/6/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-2B	1.0	11/6/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-21	1.0	10/30/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-22	1.0	10/30/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-22A	1.0	10/30/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-20B	1.0	10/30/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-20AR	1.0	11/6/2012	0.13 (J)	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-17	1.0	10/30/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-17A	1.0	10/30/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-24	1.0	10/30/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-18A	1.0	10/30/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2

Prediction Limit Summary Table

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS Printed 11/28/2012, 10:45 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium Total (ug/L)	MW-19	1.0	10/30/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-19A	1.0	11/8/2012	0.16 (J)	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-25	1.0	10/30/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-16	1.0	11/7/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-26	1.0	11/7/2012	0.21 (J)	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-27	1.0	11/8/2012	0.1 (J)	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-28	1.0	11/7/2012	0.11 (J)	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-31	1.0	11/8/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-33	1.0	11/9/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-29R	1.0	11/7/2012	0.11 (J)	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-30R	1.0	11/7/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Beryllium Total (ug/L)	MW-32R	1.0	11/8/2012	0.5ND	No	146	n/a	n/a	100	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-10	0.0050	11/8/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-10A	0.0050	11/8/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-12	0.0050	11/8/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-1A	0.0050	11/7/2012	7E-05 (J)	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-1B	0.0050	11/7/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-2A	0.0050	11/6/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-2B	0.0050	11/6/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-21	0.0050	10/30/2012	7E-05 (J)	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-22	0.0050	10/30/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-22A	0.0050	10/30/2012	0.00023 (J)	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-20B	0.0050	10/30/2012	0.00138	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-20AR	0.0050	11/6/2012	6E-05 (J)	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-17	0.0050	10/30/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-17A	0.0050	10/30/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-24	0.0050	10/30/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-18A	0.0050	10/30/2012	0.00017 (J)	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-19	0.0050	10/30/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-19A	0.0050	11/8/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-25	0.0050	10/30/2012	0.00017 (J)	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-16	0.0050	11/7/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-26	0.0050	11/7/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-27	0.0050	11/8/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-28	0.0050	11/7/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-31	0.0050	11/8/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-33	0.0050	11/9/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-29R	0.0050	11/7/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-30R	0.0050	11/7/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cadmium Total (mg/L)	MW-32R	0.0050	11/8/2012	0.0005ND	No	153	n/a	n/a	91.5	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-10	0.098	11/8/2012	0.00949 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-10A	0.098	11/8/2012	0.0032 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-12	0.098	11/8/2012	0.00608 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-1A	0.098	11/7/2012	0.0011 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-1B	0.098	11/7/2012	0.0019 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-2A	0.098	11/6/2012	0.00227 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-2B	0.098	11/6/2012	0.00249 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-21	0.098	10/30/2012	0.0344	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-22	0.098	10/30/2012	0.005ND	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-22A	0.098	10/30/2012	0.005ND	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2

Prediction Limit Summary Table

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS Printed 11/28/2012, 10:45 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium Total (mg/L)	MW-20B	0.098	10/30/2012	0.00304 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-20AR	0.098	11/6/2012	0.0023 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-17	0.098	10/30/2012	0.00147 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-17A	0.098	10/30/2012	0.00077 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-24	0.098	10/30/2012	0.005ND	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-18A	0.098	10/30/2012	0.005ND	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-19	0.098	10/30/2012	0.005ND	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-19A	0.098	11/8/2012	0.00327 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-25	0.098	10/30/2012	0.005ND	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-16	0.098	11/7/2012	0.00721 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-26	0.098	11/7/2012	0.0316	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-27	0.098	11/8/2012	0.0143	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-28	0.098	11/7/2012	0.00908 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-31	0.098	11/8/2012	0.0044 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-33	0.098	11/9/2012	0.0112	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-29R	0.098	11/7/2012	0.00646 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-30R	0.098	11/7/2012	0.00445 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Chromium Total (mg/L)	MW-32R	0.098	11/8/2012	0.0062 (J)	No	153	n/a	n/a	55.56	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-10	15	11/8/2012	1.59 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-10A	15	11/8/2012	0.23 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	**MW-12**	**15**	**11/8/2012**	**50.1**	**Yes**	**146**	**n/a**	**n/a**	**65.07**	**n/a**	**n/a**	**0.00009178**	**NP Inter (NDs) 1 of 2**
Cobalt Total (ug/L)	**MW-1A**	**15**	**11/7/2012**	**18**	**Yes**	**146**	**n/a**	**n/a**	**65.07**	**n/a**	**n/a**	**0.00009178**	**NP Inter (NDs) 1 of 2**
Cobalt Total (ug/L)	MW-1B	15	11/7/2012	1.99 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-2A	15	11/6/2012	0.45 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	**MW-2B**	**15**	**11/6/2012**	**28**	**Yes**	**146**	**n/a**	**n/a**	**65.07**	**n/a**	**n/a**	**0.00009178**	**NP Inter (NDs) 1 of 2**
Cobalt Total (ug/L)	**MW-21**	**15**	**10/30/2012**	**65.6**	**Yes**	**146**	**n/a**	**n/a**	**65.07**	**n/a**	**n/a**	**0.00009178**	**NP Inter (NDs) 1 of 2**
Cobalt Total (ug/L)	MW-22	15	10/30/2012	10.8	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-22A	15	10/30/2012	12.4	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-20B	15	10/30/2012	4.03 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-20AR	15	11/6/2012	2.15 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-17	15	10/30/2012	0.54 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-17A	15	10/30/2012	0.27 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-24	15	10/30/2012	0.62 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-18A	15	10/30/2012	5.51 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-19	15	10/30/2012	0.93 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-19A	15	11/8/2012	5.24 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-25	15	10/30/2012	13.5	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-16	15	11/7/2012	2.26 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-26	15	11/7/2012	6.92 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-27	15	11/8/2012	1.66 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-28	15	11/7/2012	0.38 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-31	15	11/8/2012	0.52 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-33	15	11/9/2012	2.31 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-29R	15	11/7/2012	2.32 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-30R	15	11/7/2012	1.28 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Cobalt Total (ug/L)	MW-32R	15	11/8/2012	0.82 (J)	No	146	n/a	n/a	65.07	n/a	n/a	0.00009178	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-10	0.39	11/8/2012	0.00136 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-10A	0.39	11/8/2012	0.00079 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-12	0.39	11/8/2012	0.00096 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-1A	0.39	11/7/2012	0.00253 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2

Prediction Limit Summary Table

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS Printed 11/28/2012, 10:45 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Copper Total (mg/L)	MW-1B	0.39	11/7/2012	0.00141 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-2A	0.39	11/6/2012	0.00117 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-2B	0.39	11/6/2012	0.00049 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-21	0.39	10/30/2012	0.049	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-22	0.39	10/30/2012	0.0151	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-22A	0.39	10/30/2012	0.0112	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-20B	0.39	10/30/2012	0.00198 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-20AR	0.39	11/6/2012	0.00097 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-17	0.39	10/30/2012	0.00083 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-17A	0.39	10/30/2012	0.00078 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-24	0.39	10/30/2012	0.00121 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-18A	0.39	10/30/2012	0.00134 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-19	0.39	10/30/2012	0.00113 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-19A	0.39	11/8/2012	0.00181 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-25	0.39	10/30/2012	0.00159 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-16	0.39	11/7/2012	0.00223 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-26	0.39	11/7/2012	0.0157	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-27	0.39	11/8/2012	0.032	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-28	0.39	11/7/2012	0.00066 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-31	0.39	11/8/2012	0.00305 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-33	0.39	11/9/2012	0.0101	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-29R	0.39	11/7/2012	0.0147	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-30R	0.39	11/7/2012	0.00988 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Copper Total (mg/L)	MW-32R	0.39	11/8/2012	0.00805 (J)	No	153	n/a	n/a	57.52	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-10	15	11/8/2012	0.15 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-10A	15	11/8/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-12	15	11/8/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-1A	15	11/7/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-1B	15	11/7/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-2A	15	11/6/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-2B	15	11/6/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-21	15	10/30/2012	0.77 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-22	15	10/30/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-22A	15	10/30/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-20B	15	10/30/2012	0.21 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-20AR	15	11/6/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-17	15	10/30/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-17A	15	10/30/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-24	15	10/30/2012	0.11 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-18A	15	10/30/2012	0.1 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-19	15	10/30/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-19A	15	11/8/2012	0.11 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-25	15	10/30/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-16	15	11/7/2012	0.26 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-26	15	11/7/2012	0.51 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-27	15	11/8/2012	0.39 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-28	15	11/7/2012	5ND	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-31	15	11/8/2012	0.12 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-33	15	11/9/2012	2.63 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-29R	15	11/7/2012	0.19 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2

Prediction Limit Summary Table

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS Printed 11/28/2012, 10:45 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Lead Total (ug/L)	MW-30R	15	11/7/2012	0.18 (J)	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Lead Total (ug/L)	MW-32R	15	11/8/2012	12.4	No	153	n/a	n/a	89.54	n/a	n/a	0.00008384	NP Inter (NDs) 1 of 2
Nickel Total (ug/L)	MW-10	43	11/8/2012	6.36 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-10A	43	11/8/2012	1.48 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-12	43	11/8/2012	6.99 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-1A	43	11/7/2012	8.71 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-1B	43	11/7/2012	21.6 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-2A	43	11/6/2012	11.6 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-2B	43	11/6/2012	6.2 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	**MW-21**	**43**	**10/30/2012**	**51.6**	**Yes**	**146**	**n/a**	**n/a**	**47.95**	**n/a**	**n/a**	**0.00009178**	**NP Inter (normality) 1 of 2**
Nickel Total (ug/L)	MW-22	43	10/30/2012	22.5 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	**MW-22A**	**43**	**10/30/2012**	**87.8**	**Yes**	**146**	**n/a**	**n/a**	**47.95**	**n/a**	**n/a**	**0.00009178**	**NP Inter (normality) 1 of 2**
Nickel Total (ug/L)	MW-20B	43	10/30/2012	31.7 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-20AR	43	11/6/2012	32.4 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-17	43	10/30/2012	1.84 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-17A	43	10/30/2012	3.03 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-24	43	10/30/2012	4.22 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-18A	43	10/30/2012	9.43 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-19	43	10/30/2012	35.2 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-19A	43	11/8/2012	27.6 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-25	43	10/30/2012	23.4 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-16	43	11/7/2012	5.07 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	**MW-26**	**43**	**11/7/2012**	**46.2 (J)**	**Yes**	**146**	**n/a**	**n/a**	**47.95**	**n/a**	**n/a**	**0.00009178**	**NP Inter (normality) 1 of 2**
Nickel Total (ug/L)	MW-27	43	11/8/2012	16.7 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-28	43	11/7/2012	10.4 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-31	43	11/8/2012	3.27 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-33	43	11/9/2012	10.6 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-29R	43	11/7/2012	7.82 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-30R	43	11/7/2012	5.21 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Nickel Total (ug/L)	MW-32R	43	11/8/2012	10.2 (J)	No	146	n/a	n/a	47.95	n/a	n/a	0.00009178	NP Inter (normality) 1 of 2
Selenium Total (ug/L)	MW-10	12	11/8/2012	5ND	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-10A	12	11/8/2012	5ND	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-12	12	11/8/2012	0.92 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-1A	12	11/7/2012	1.96 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-1B	12	11/7/2012	2.37 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-2A	12	11/6/2012	1.26 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-2B	12	11/6/2012	0.59 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-21	12	10/30/2012	6.79 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-22	12	10/30/2012	2.17 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-22A	12	10/30/2012	7.27 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-20B	12	10/30/2012	3.78 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-20AR	12	11/6/2012	0.68 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-17	12	10/30/2012	5ND	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-17A	12	10/30/2012	1.22 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-24	12	10/30/2012	1.73 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-18A	12	10/30/2012	5ND	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-19	12	10/30/2012	5.08 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-19A	12	11/8/2012	2.55 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-25	12	10/30/2012	3.74 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-16	12	11/7/2012	1.03 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2

Prediction Limit Summary Table

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS Printed 11/28/2012, 10:45 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Selenium Total (ug/L)	MW-26	12	11/7/2012	1.18 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-27	12	11/8/2012	5ND	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-28	12	11/7/2012	5ND	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-31	12	11/8/2012	5ND	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-33	12	11/9/2012	5ND	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-29R	12	11/7/2012	0.68 (J)	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-30R	12	11/7/2012	5ND	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Selenium Total (ug/L)	MW-32R	12	11/8/2012	5ND	No	151	n/a	n/a	90.07	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-10	0.015	11/8/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-10A	0.015	11/8/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-12	0.015	11/8/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-1A	0.015	11/7/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-1B	0.015	11/7/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-2A	0.015	11/6/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-2B	0.015	11/6/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-21	0.015	10/30/2012	0.00019 (J)	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-22	0.015	10/30/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-22A	0.015	10/30/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-20B	0.015	10/30/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-20AR	0.015	11/6/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-17	0.015	10/30/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-17A	0.015	10/30/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-24	0.015	10/30/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-18A	0.015	10/30/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-19	0.015	10/30/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-19A	0.015	11/8/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-25	0.015	10/30/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-16	0.015	11/7/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-26	0.015	11/7/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-27	0.015	11/8/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-28	0.015	11/7/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-31	0.015	11/8/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-33	0.015	11/9/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-29R	0.015	11/7/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-30R	0.015	11/7/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Silver Total (mg/L)	MW-32R	0.015	11/8/2012	0.005ND	No	151	n/a	n/a	94.04	n/a	n/a	0.00008611	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-10	5.0	11/8/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-10A	5.0	11/8/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-12	5.0	11/8/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-1A	5.0	11/7/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-1B	5.0	11/7/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-2A	5.0	11/6/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-2B	5.0	11/6/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-21	5.0	10/30/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-22	5.0	10/30/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-22A	5.0	10/30/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-20B	5.0	10/30/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-20AR	5.0	11/6/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-17	5.0	10/30/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-17A	5.0	10/30/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2

Prediction Limit Summary Table

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS Printed 11/28/2012, 10:45 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Thallium Total (ug/L)	MW-24	5.0	10/30/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-18A	5.0	10/30/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-19	5.0	10/30/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-19A	5.0	11/8/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-25	5.0	10/30/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-16	5.0	11/7/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-26	5.0	11/7/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-27	5.0	11/8/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-28	5.0	11/7/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-31	5.0	11/8/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-33	5.0	11/9/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-29R	5.0	11/7/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-30R	5.0	11/7/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Thallium Total (ug/L)	MW-32R	5.0	11/8/2012	2.75ND	No	142	n/a	n/a	97.18	n/a	n/a	0.00009632	NP Inter (NDs) 1 of 2
Vanadium Total (ug/L)	MW-10	17	11/8/2012	5.26	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-10A	17	11/8/2012	3.98	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-12	17	11/8/2012	7.23	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-1A	17	11/7/2012	3.48	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-1B	17	11/7/2012	5.72	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-2A	17	11/6/2012	5.19	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-2B	17	11/6/2012	7.26	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-21	17	10/30/2012	12.5ND	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-22	17	10/30/2012	12.5ND	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-22A	17	10/30/2012	12.5ND	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-20B	17	10/30/2012	2.09	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-20AR	17	11/6/2012	2.42	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-17	17	10/30/2012	12.5ND	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-17A	17	10/30/2012	12.5ND	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-24	17	10/30/2012	12.5ND	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-18A	17	10/30/2012	12.5ND	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-19	17	10/30/2012	12.5ND	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-19A	17	11/8/2012	4.68	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-25	17	10/30/2012	12.5ND	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-16	17	11/7/2012	9.01	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-26	17	11/7/2012	14.6	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-27	17	11/8/2012	10.3	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-28	17	11/7/2012	6.66	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-31	17	11/8/2012	12.5ND	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-33	17	11/9/2012	2.05	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-29R	17	11/7/2012	8.29	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-30R	17	11/7/2012	2.44	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Vanadium Total (ug/L)	MW-32R	17	11/8/2012	1.74	No	146	2.437	0.7202	28.08	Kaplan-Meier	sqrt(x)	0.0001254	Param Inter 1 of 2
Zinc Total (mg/L)	MW-10	0.61	11/8/2012	0.00536 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-10A	0.61	11/8/2012	0.00257 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-12	0.61	11/8/2012	0.00157 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-1A	0.61	11/7/2012	0.00497 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-1B	0.61	11/7/2012	0.0028 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-2A	0.61	11/6/2012	0.00063 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-31	0.61	11/8/2012	0.00573 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-33	0.61	11/9/2012	0.0136	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2

Prediction Limit Summary Table

Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS Printed 11/28/2012, 10:45 AM

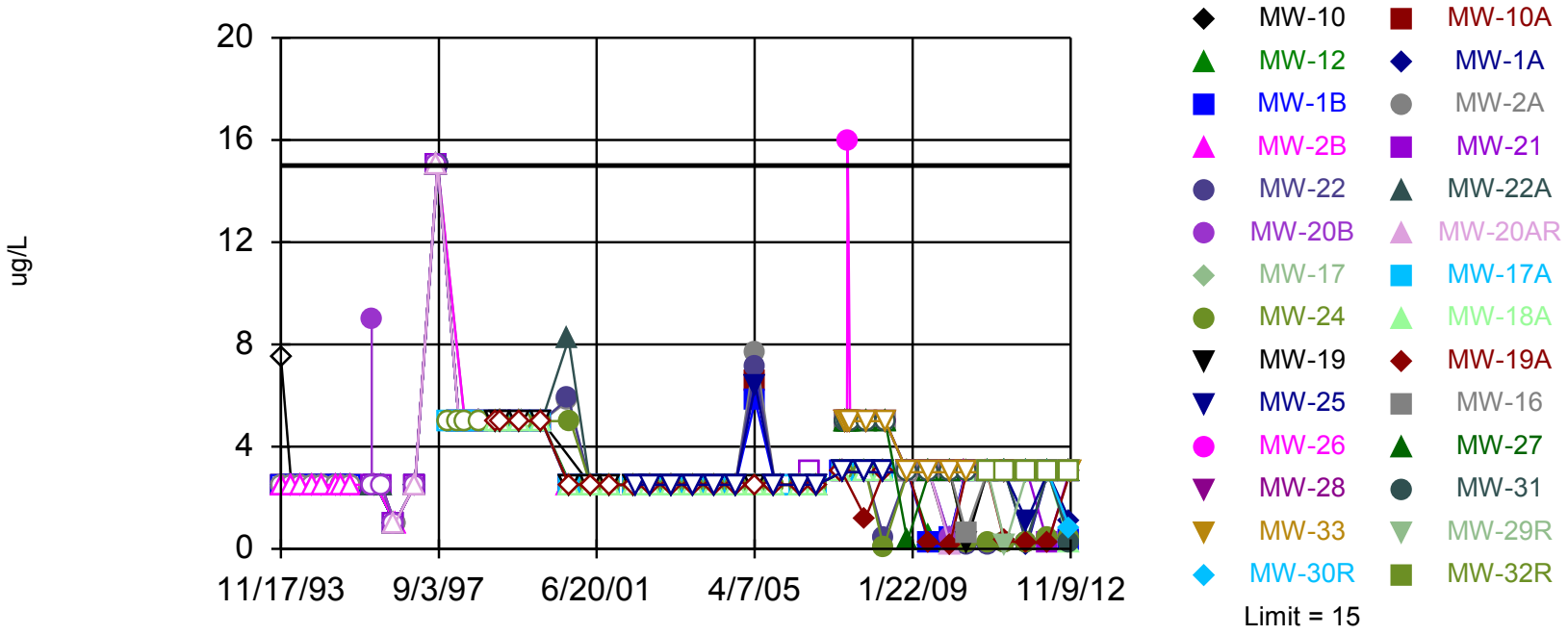
Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc Total (mg/L)	MW-29R	0.61	11/7/2012	0.003 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-30R	0.61	11/7/2012	0.0181	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-32R	0.61	11/8/2012	0.00158 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-2B	0.61	11/6/2012	0.005ND	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-21	0.61	10/30/2012	0.0279	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-22	0.61	10/30/2012	0.00183 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-22A	0.61	10/30/2012	0.00626 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-20B	0.61	10/30/2012	0.0252	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-20AR	0.61	11/6/2012	0.0186	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-17	0.61	10/30/2012	0.00141 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-17A	0.61	10/30/2012	0.00196 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-24	0.61	10/30/2012	0.00092 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-18A	0.61	10/30/2012	0.0269	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-19	0.61	10/30/2012	0.00079 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-19A	0.61	11/8/2012	0.51	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-25	0.61	10/30/2012	0.00285 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-16	0.61	11/7/2012	0.00262 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-26	0.61	11/7/2012	0.00849 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-27	0.61	11/8/2012	0.00646 (J)	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2
Zinc Total (mg/L)	MW-28	0.61	11/7/2012	0.005ND	No	148	n/a	n/a	52.7	n/a	n/a	0.00008951	NP Inter (NDs) 1 of 2

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 146 background values. 91.1% NDs. Annual per-constituent alpha = 0.005127. Individual comparison alpha = 0.00009178 (1 of 2). Comparing 28 points to limit. After outlier removal distribution was non-normal, so outlier results were invalidated.

Constituent: Antimony Total Analysis Run 11/28/2012 10:42 AM

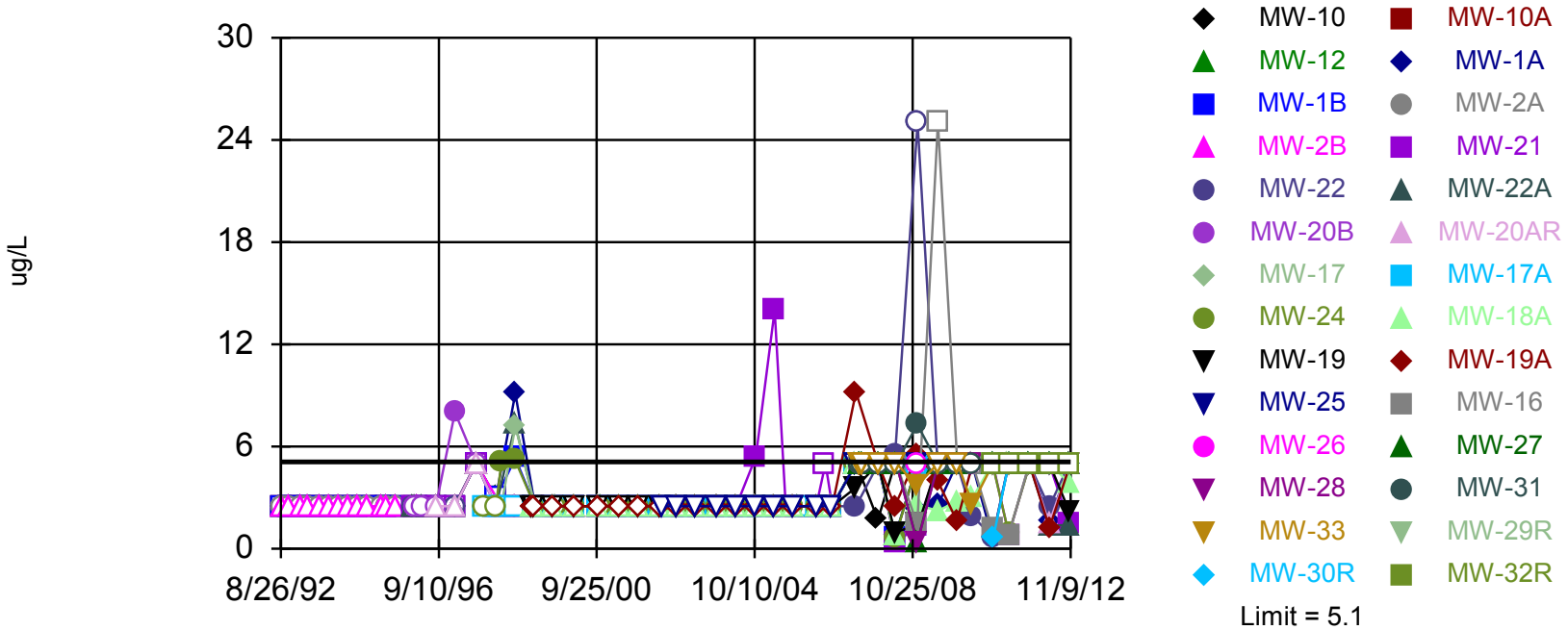
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 151 background values. 96.69% NDs. Annual per-constituent alpha = 0.004811. Individual comparison alpha = 0.00008611 (1 of 2). Comparing 28 points to limit. Outlier test was not run because sample size exceeded table.

Constituent: Arsenic Total Analysis Run 11/28/2012 10:42 AM

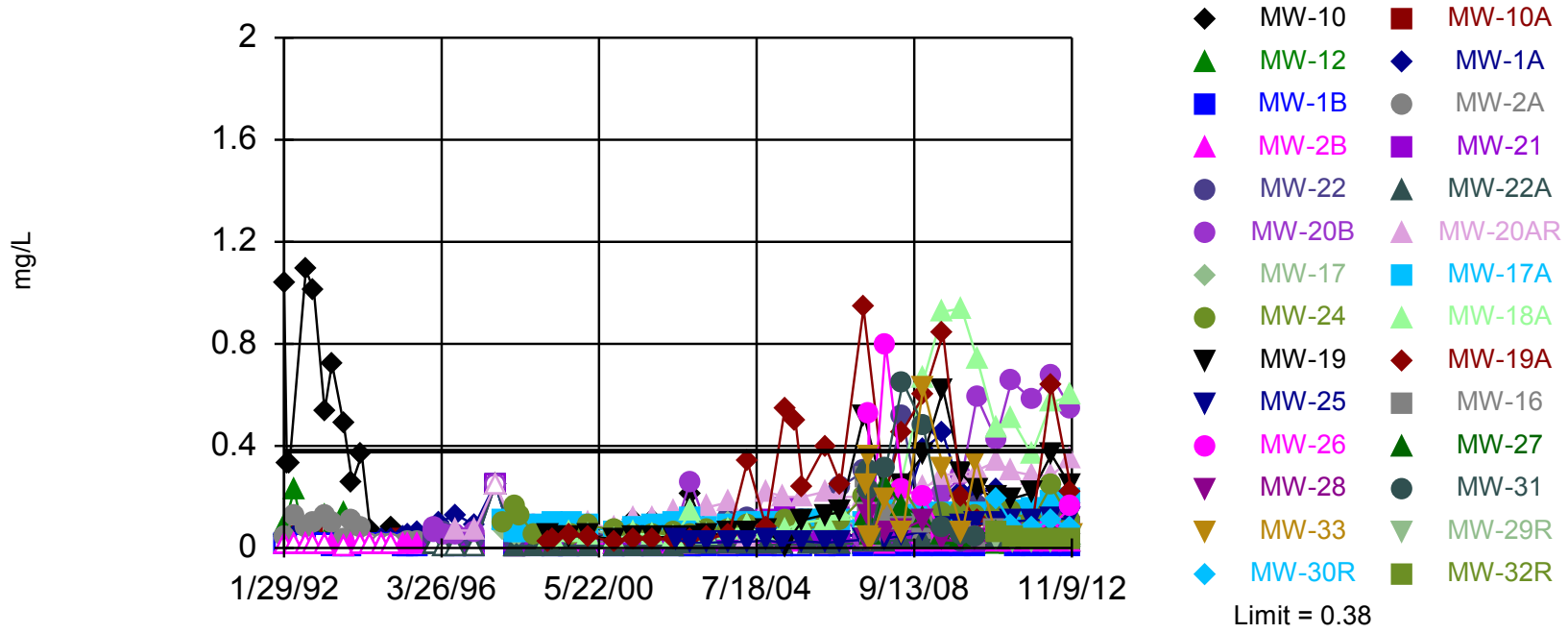
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-20B, MW-18A

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 153 background values. 21.57% NDs. Annual per-constituent alpha = 0.004684. Individual comparison alpha = 0.00008384 (1 of 2). Comparing 28 points to limit. Outlier test was not run because sample size exceeded table.

Constituent: Barium Total Analysis Run 11/28/2012 10:42 AM

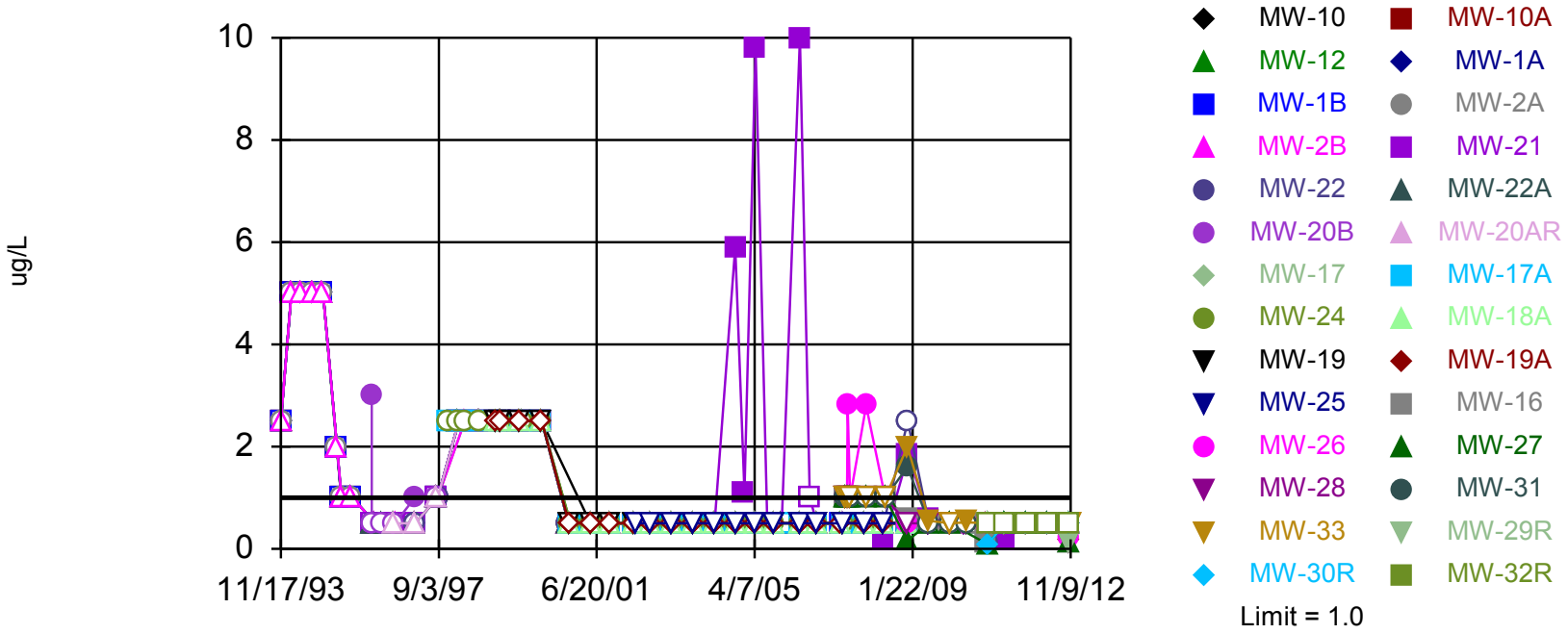
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. Annual per-constituent alpha = 0.005127. Individual comparison alpha = 0.00009178 (1 of 2). Comparing 28 points to limit. After outlier removal distribution was non-normal, so outlier results were invalidated.

Constituent: Beryllium Total Analysis Run 11/28/2012 10:42 AM

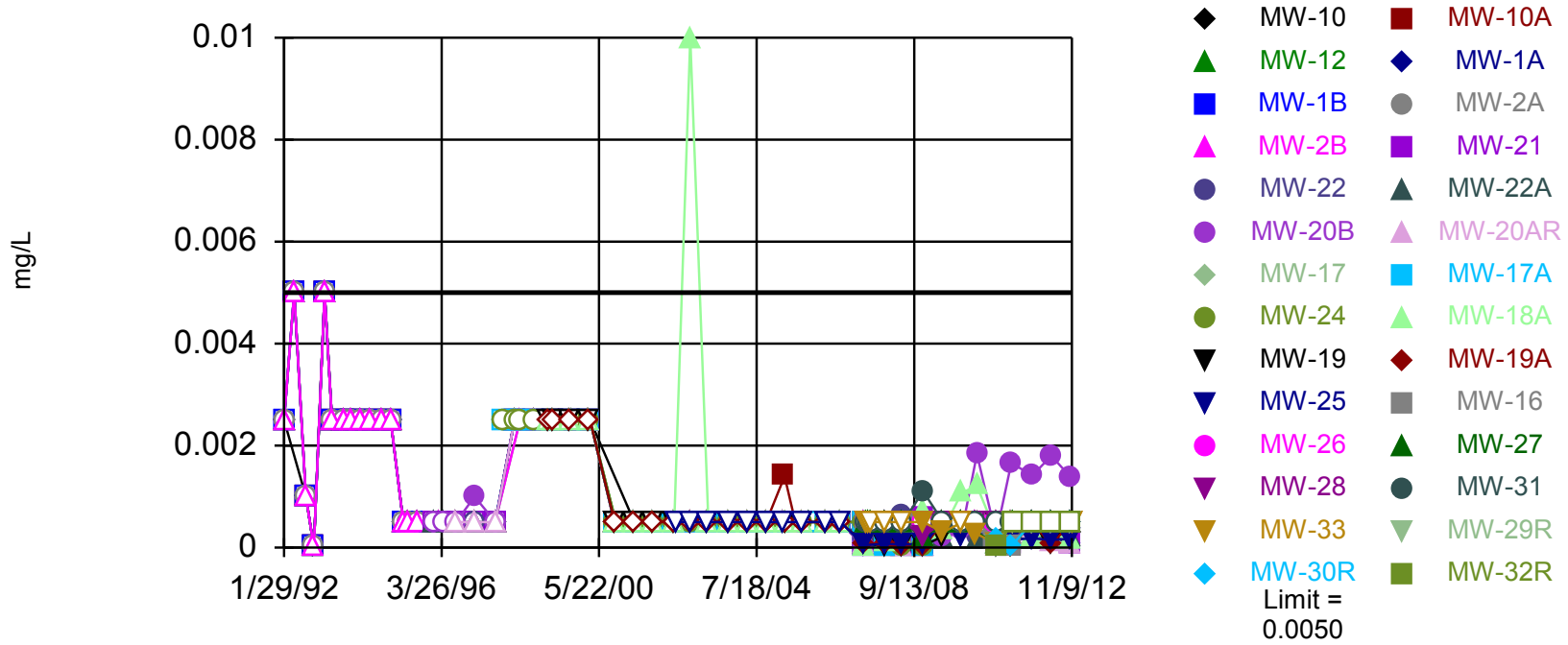
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 153 background values. 91.5% NDs. Annual per-constituent alpha = 0.004684. Individual comparison alpha = 0.00008384 (1 of 2). Comparing 28 points to limit. Outlier test was not run because sample size exceeded table.

Constituent: Cadmium Total Analysis Run 11/28/2012 10:42 AM

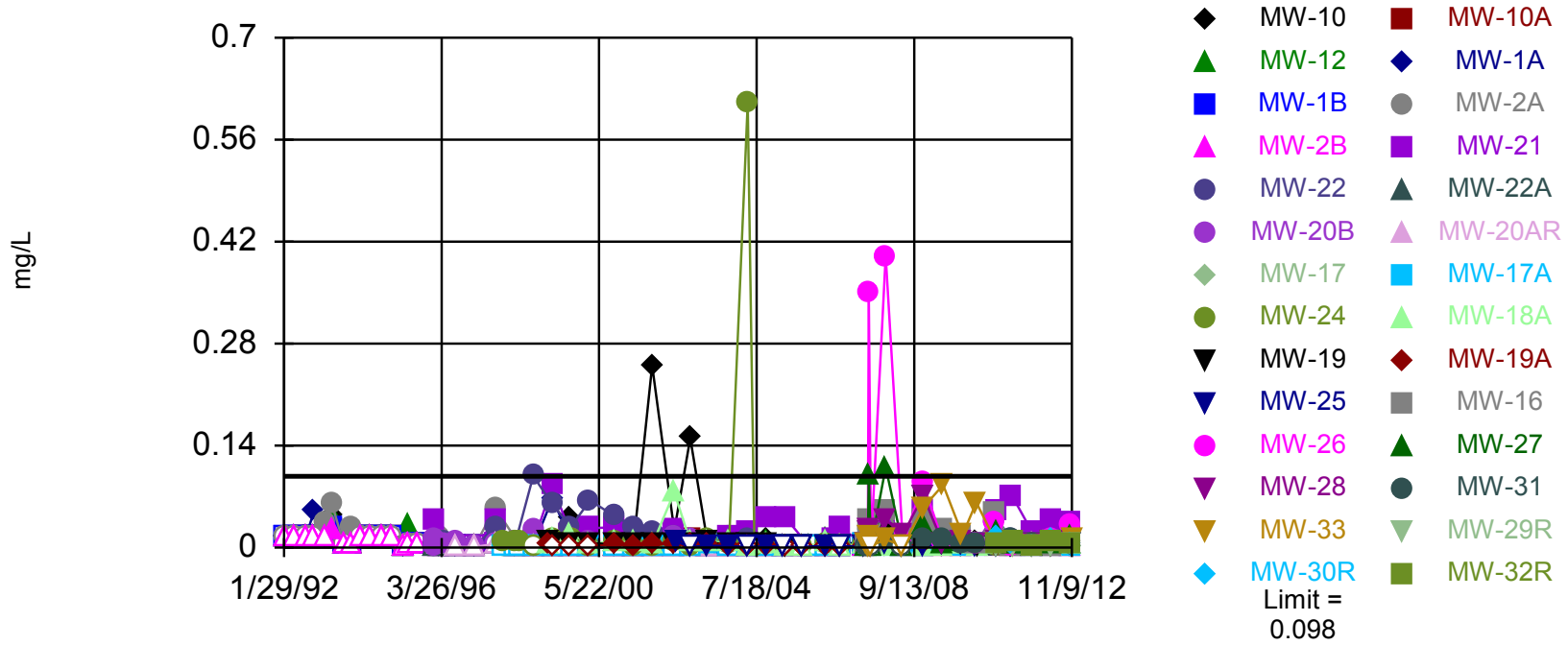
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 153 background values. 55.56% NDs. Annual per-constituent alpha = 0.004684. Individual comparison alpha = 0.00008384 (1 of 2). Comparing 28 points to limit. Outlier test was not run because sample size exceeded table.

Constituent: Chromium Total Analysis Run 11/28/2012 10:42 AM

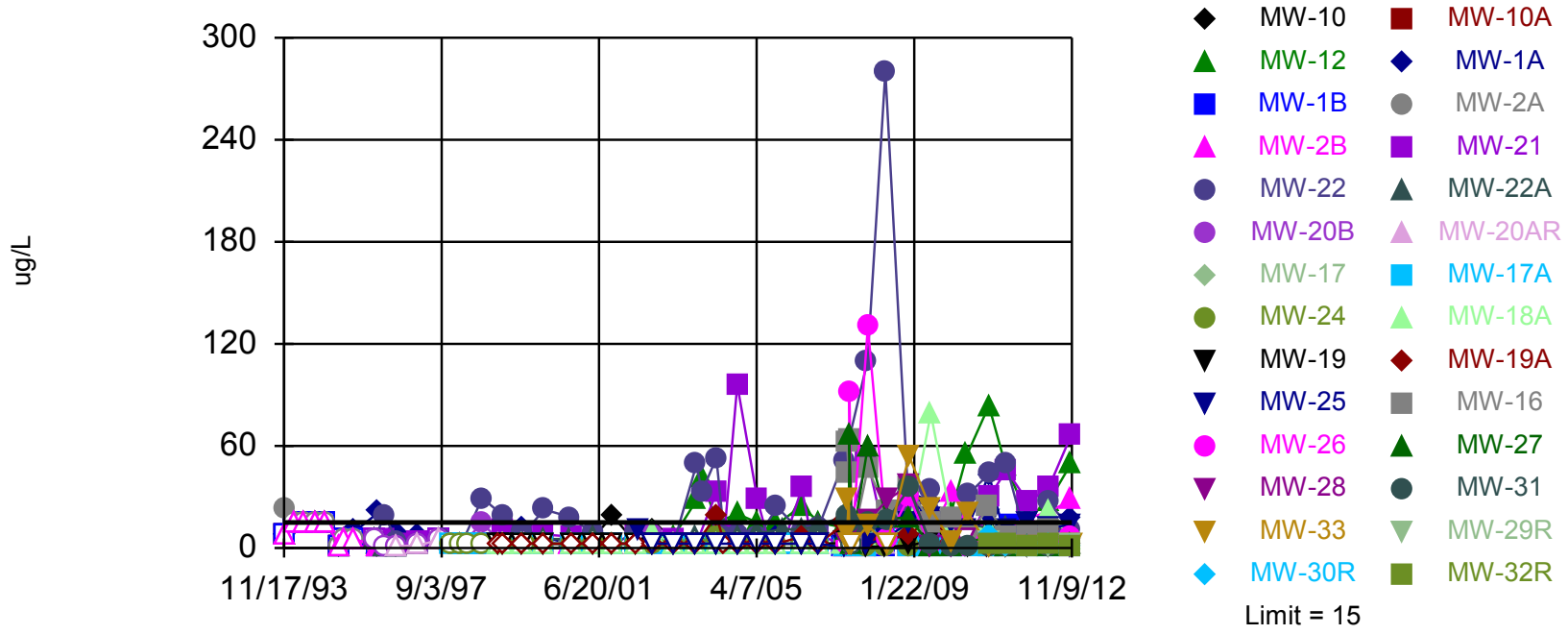
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-12, MW-1A, MW-2B, MW-21

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 146 background values. 65.07% NDs. Annual per-constituent alpha = 0.005127. Individual comparison alpha = 0.00009178 (1 of 2). Comparing 28 points to limit. After outlier removal distribution was non-normal, so outlier results were invalidated.

Constituent: Cobalt Total Analysis Run 11/28/2012 10:42 AM

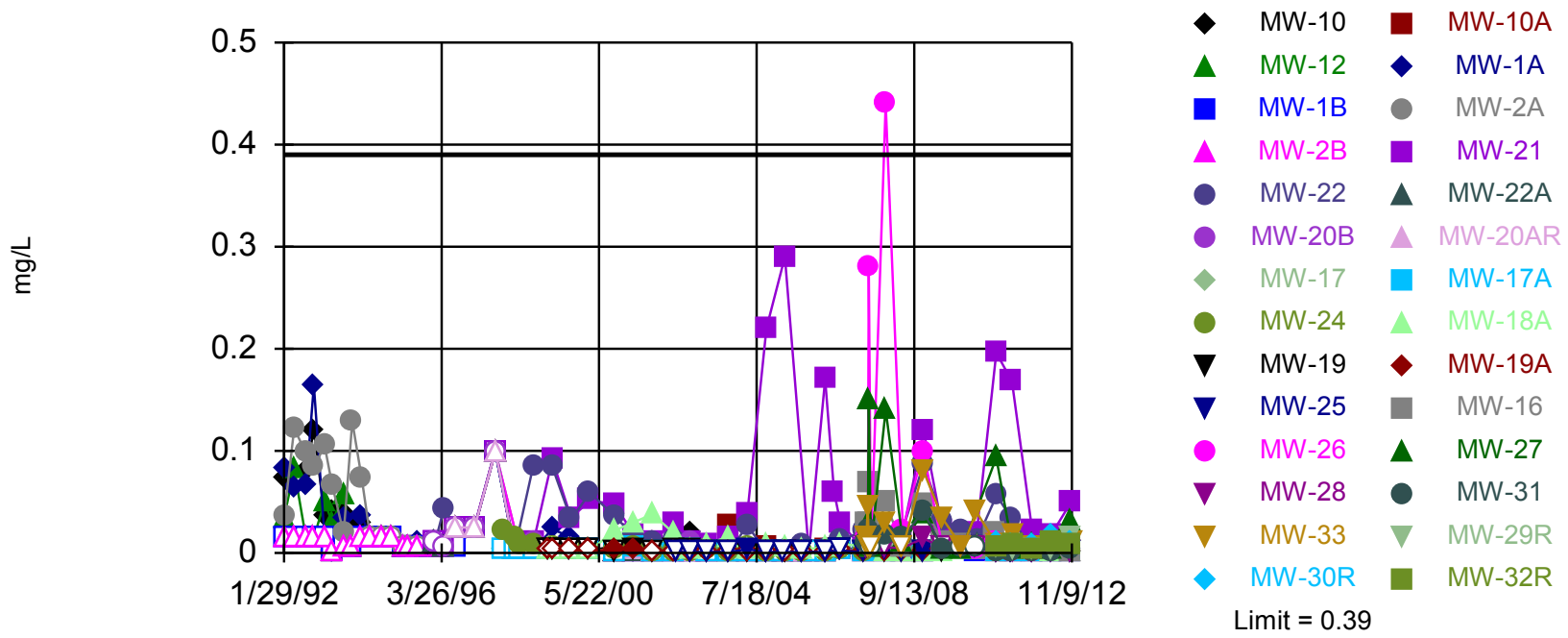
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 153 background values. 57.52% NDs. Annual per-constituent alpha = 0.004684. Individual comparison alpha = 0.00008384 (1 of 2). Comparing 28 points to limit. Outlier test was not run because sample size exceeded table.

Constituent: Copper Total Analysis Run 11/28/2012 10:42 AM

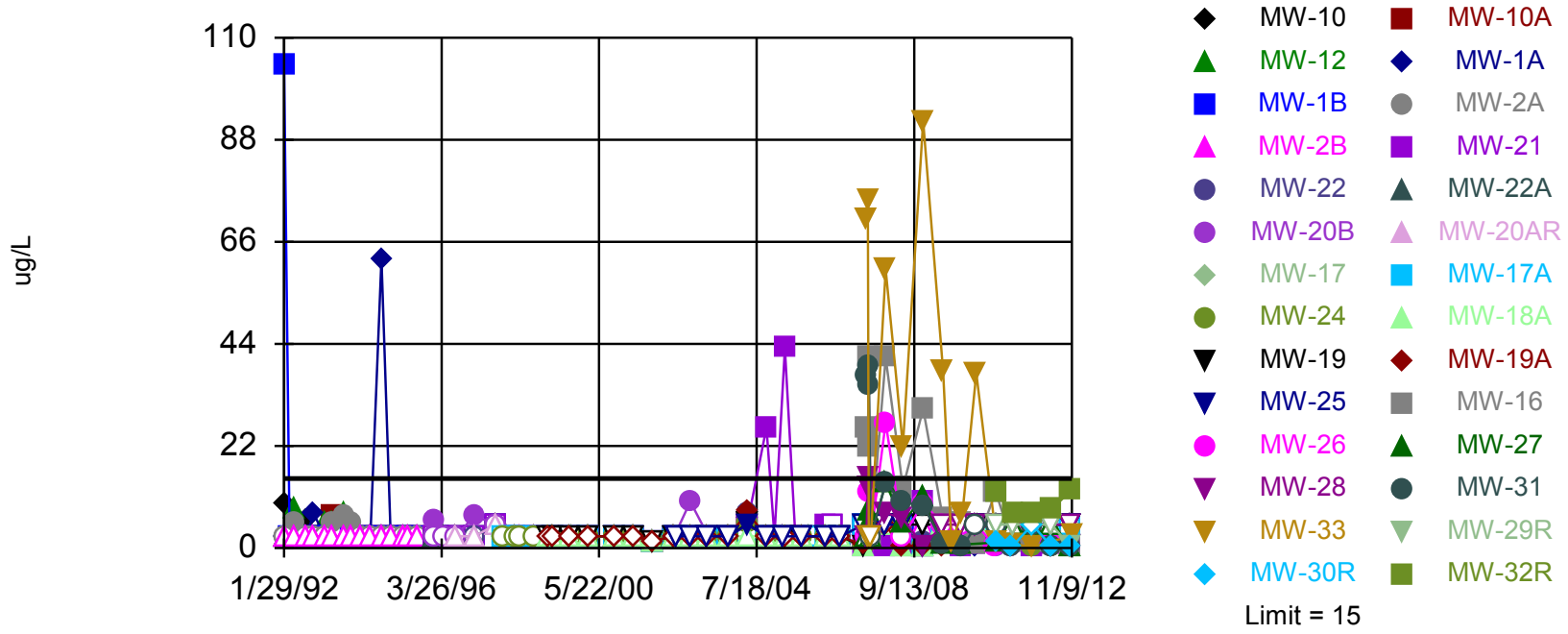
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 153 background values. 89.54% NDs. Annual per-constituent alpha = 0.004684. Individual comparison alpha = 0.00008384 (1 of 2). Comparing 28 points to limit. Outlier test was not run because sample size exceeded table.

Constituent: Lead Total Analysis Run 11/28/2012 10:42 AM

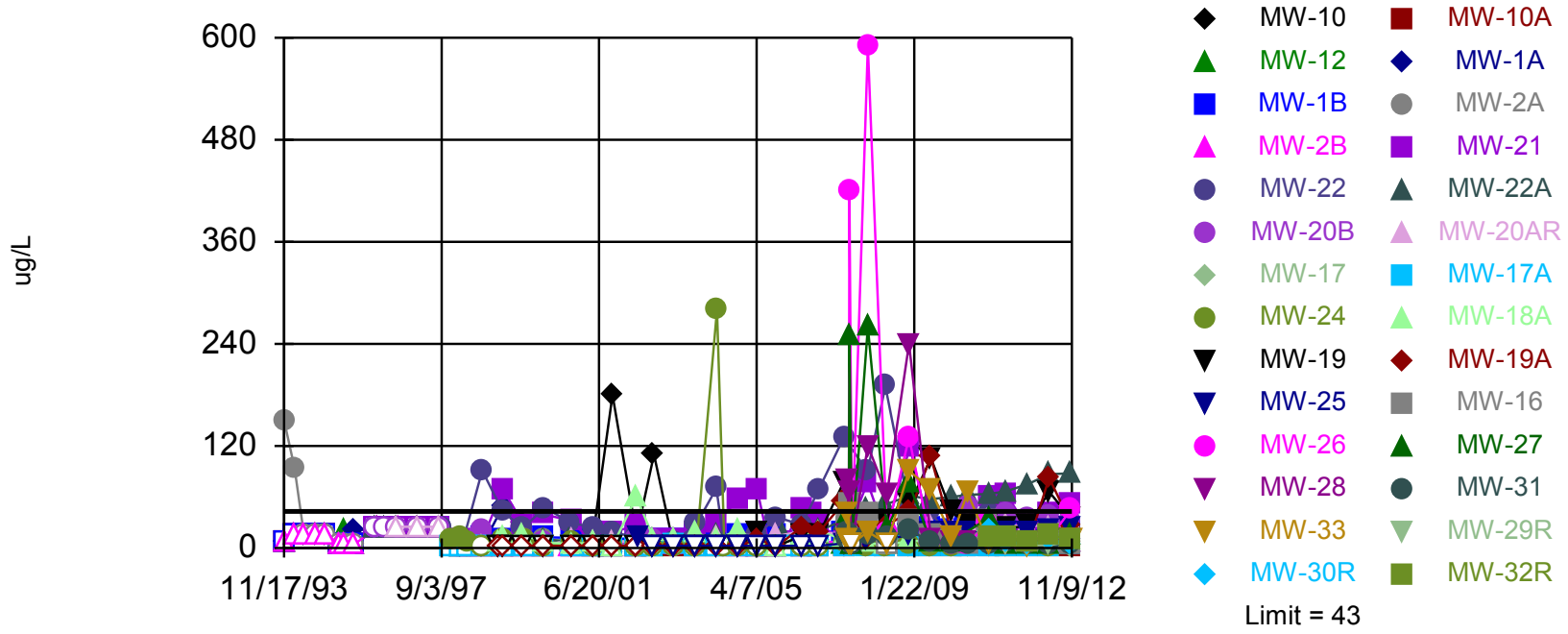
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Exceeds Limit: MW-21, MW-22A, MW-26

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 146 background values. 47.95% NDs. Annual per-constituent alpha = 0.005127. Individual comparison alpha = 0.00009178 (1 of 2). Comparing 28 points to limit. After outlier removal distribution was non-normal, so outlier results were invalidated.

Constituent: Nickel Total Analysis Run 11/28/2012 10:43 AM

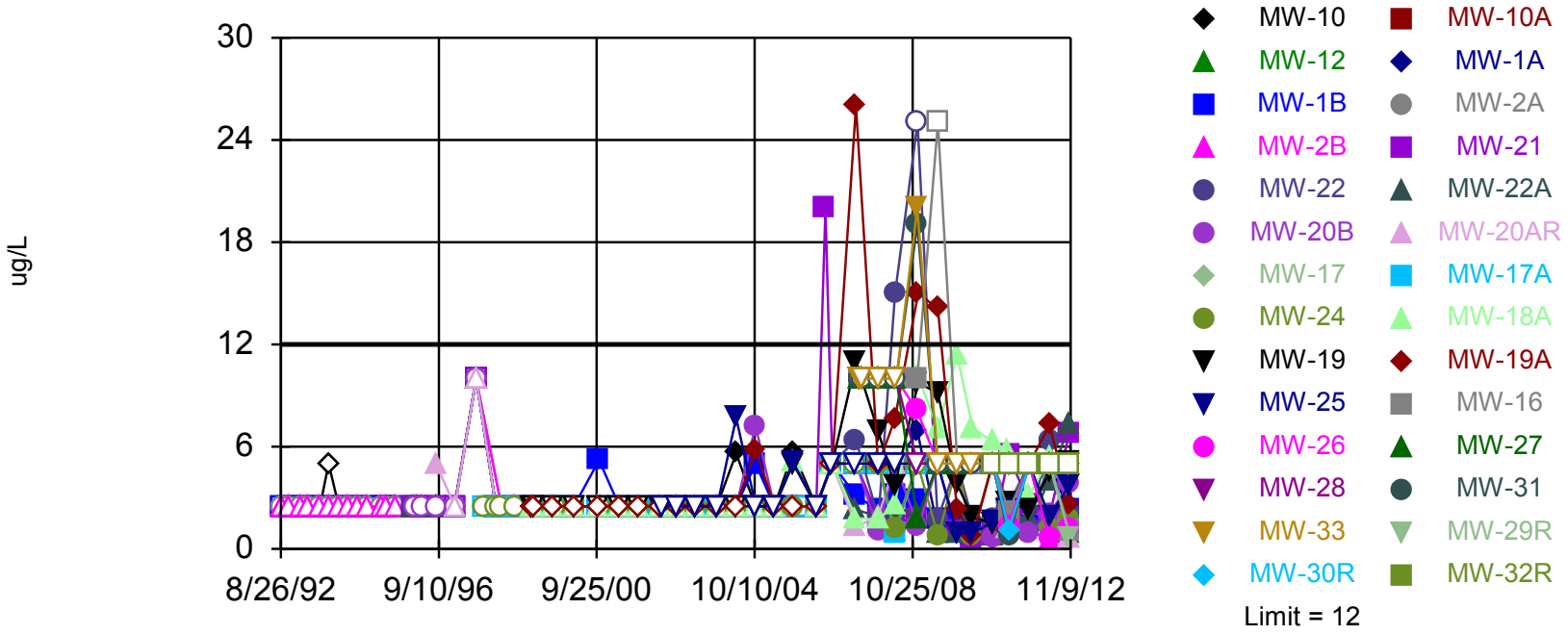
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 151 background values. 90.07% NDs. Annual per-constituent alpha = 0.004811. Individual comparison alpha = 0.00008611 (1 of 2). Comparing 28 points to limit. Outlier test was not run because sample size exceeded table.

Constituent: Selenium Total Analysis Run 11/28/2012 10:43 AM

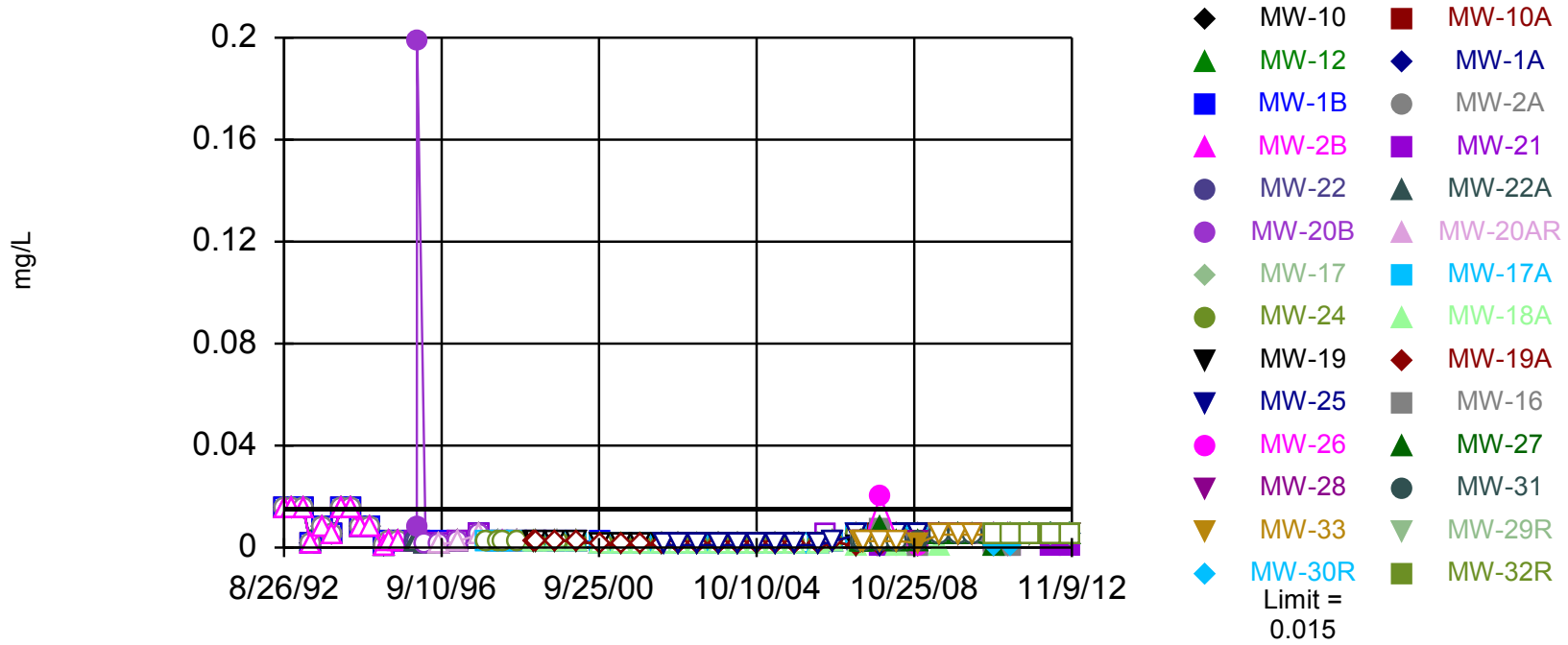
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 151 background values. 94.04% NDs. Annual per-constituent alpha = 0.004811. Individual comparison alpha = 0.00008611 (1 of 2). Comparing 28 points to limit. Outlier test was not run because sample size exceeded table.

Constituent: Silver Total Analysis Run 11/28/2012 10:43 AM

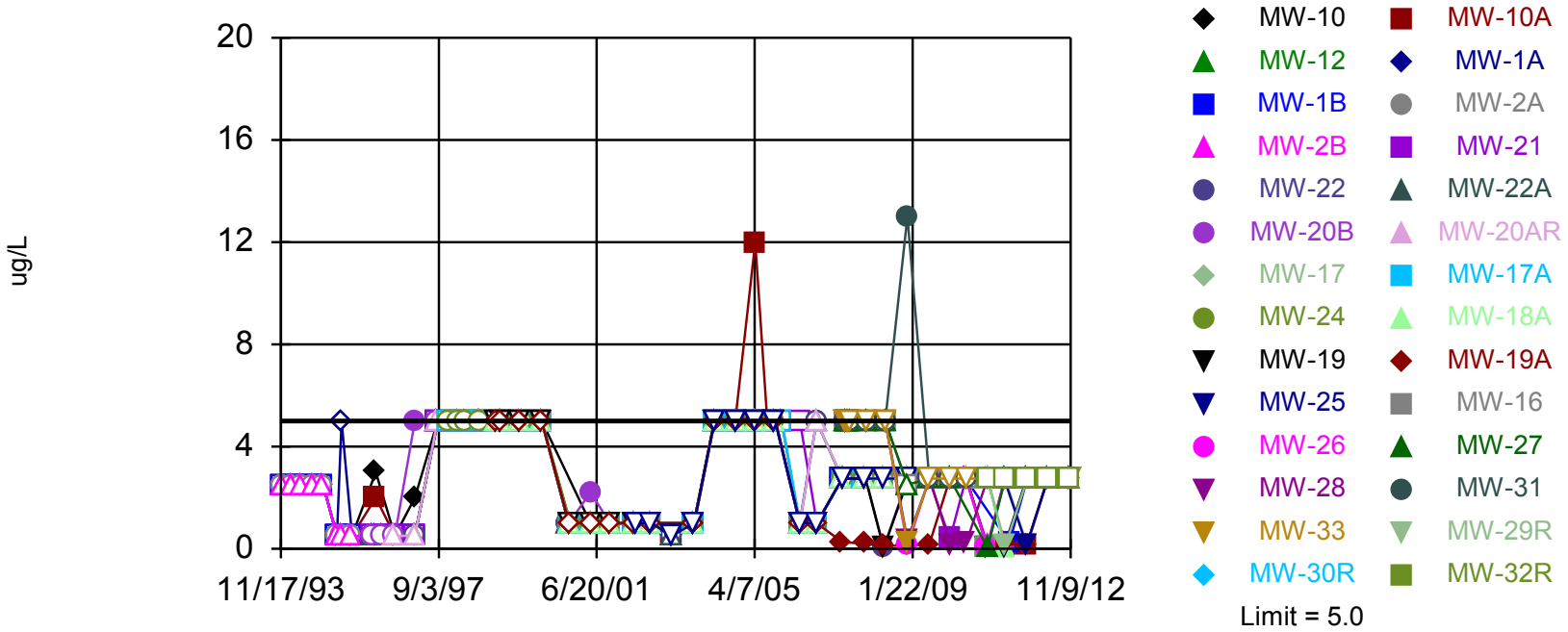
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 142 background values. 97.18% NDs. Annual per-constituent alpha = 0.005379. Individual comparison alpha = 0.00009632 (1 of 2). Comparing 28 points to limit. After outlier removal distribution was non-normal, so outlier results were invalidated.

Constituent: Thallium Total Analysis Run 11/28/2012 10:43 AM

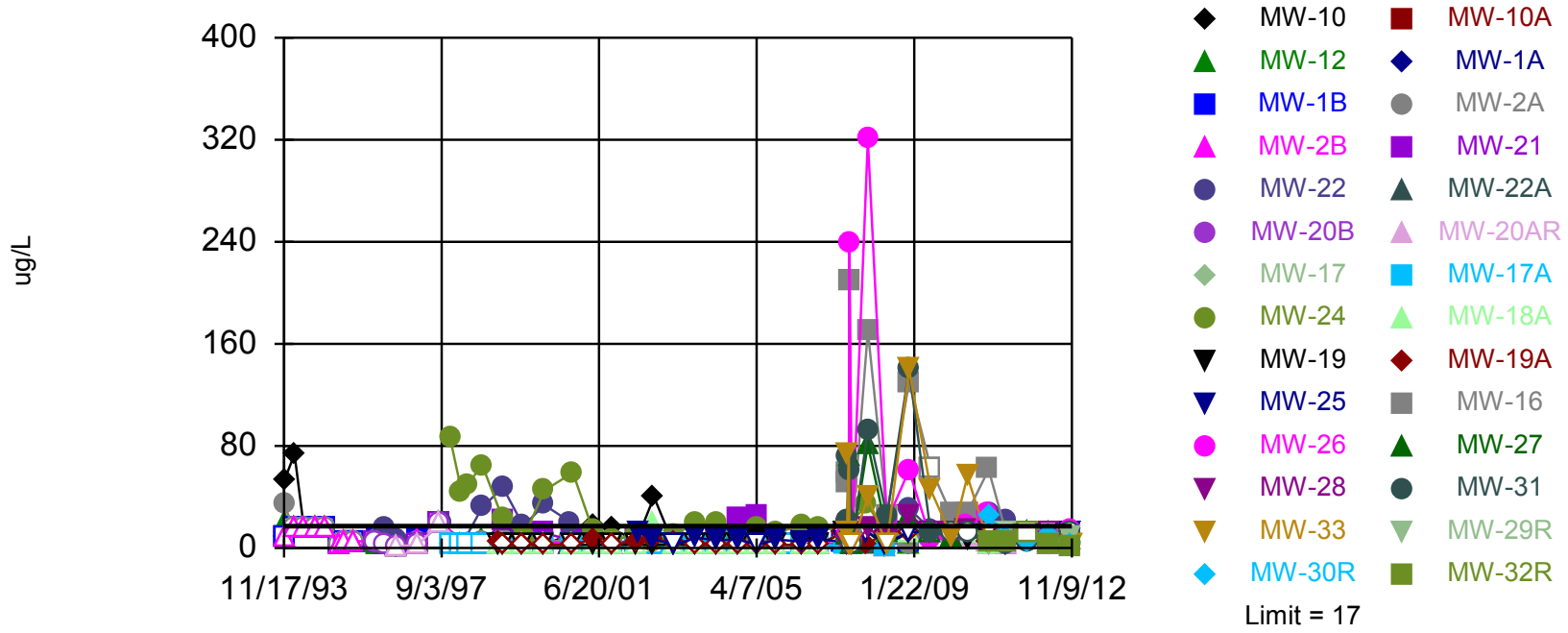
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=2.437, Std. Dev.=0.7202, n=146, 28.08% NDs. Normality test: Chi Squared @alpha = 0.01, calculated = 9.342, critical = 14.07. Kappa = 2.335 (c=15, w=28, 1 of 2, event alpha = 0.05132). Report alpha = 0.003506. Individual comparison alpha = 0.0001254. Comparing 28 points to limit. After outlier removal distribution was non-normal, so outlier results were invalidated.

Constituent: Vanadium Total Analysis Run 11/28/2012 10:43 AM

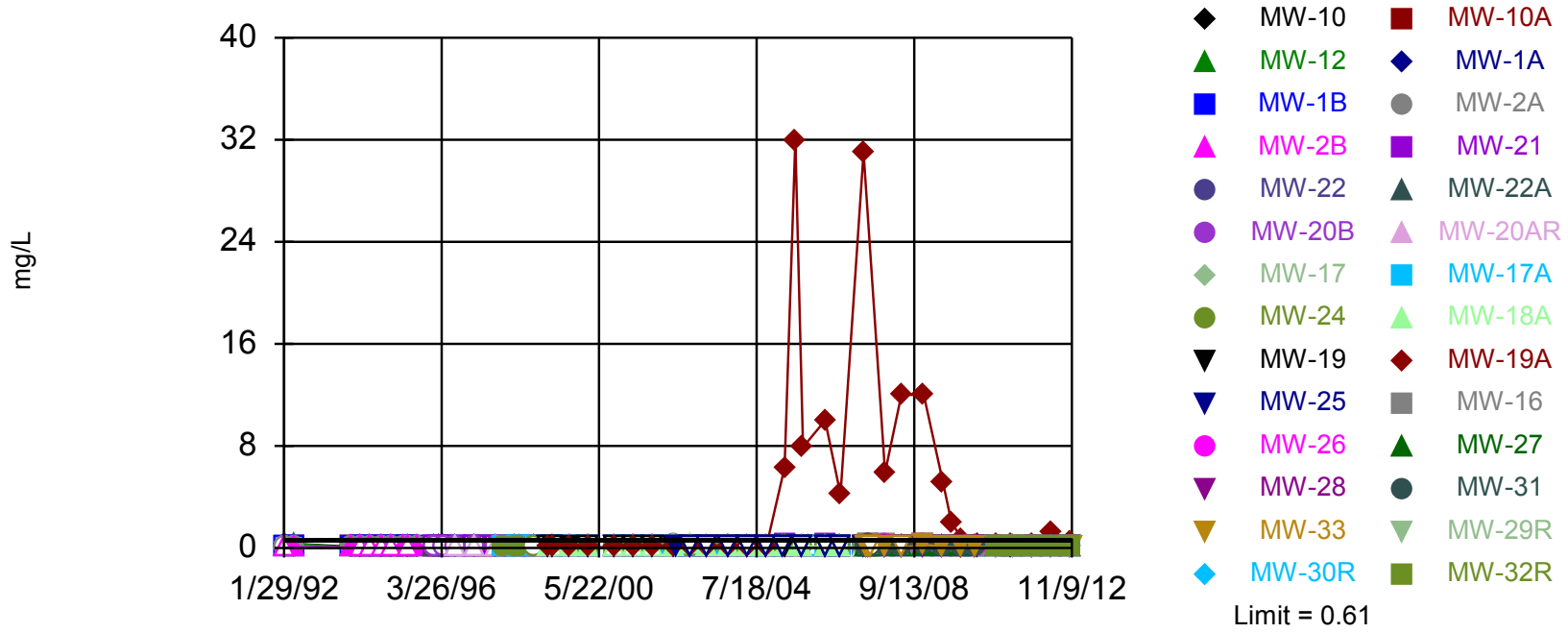
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 148 background values. 52.7% NDs. Annual per-constituent alpha = 0.005. Individual comparison alpha = 0.00008951 (1 of 2). Comparing 28 points to limit. Outlier test was not run because sample size exceeded table.

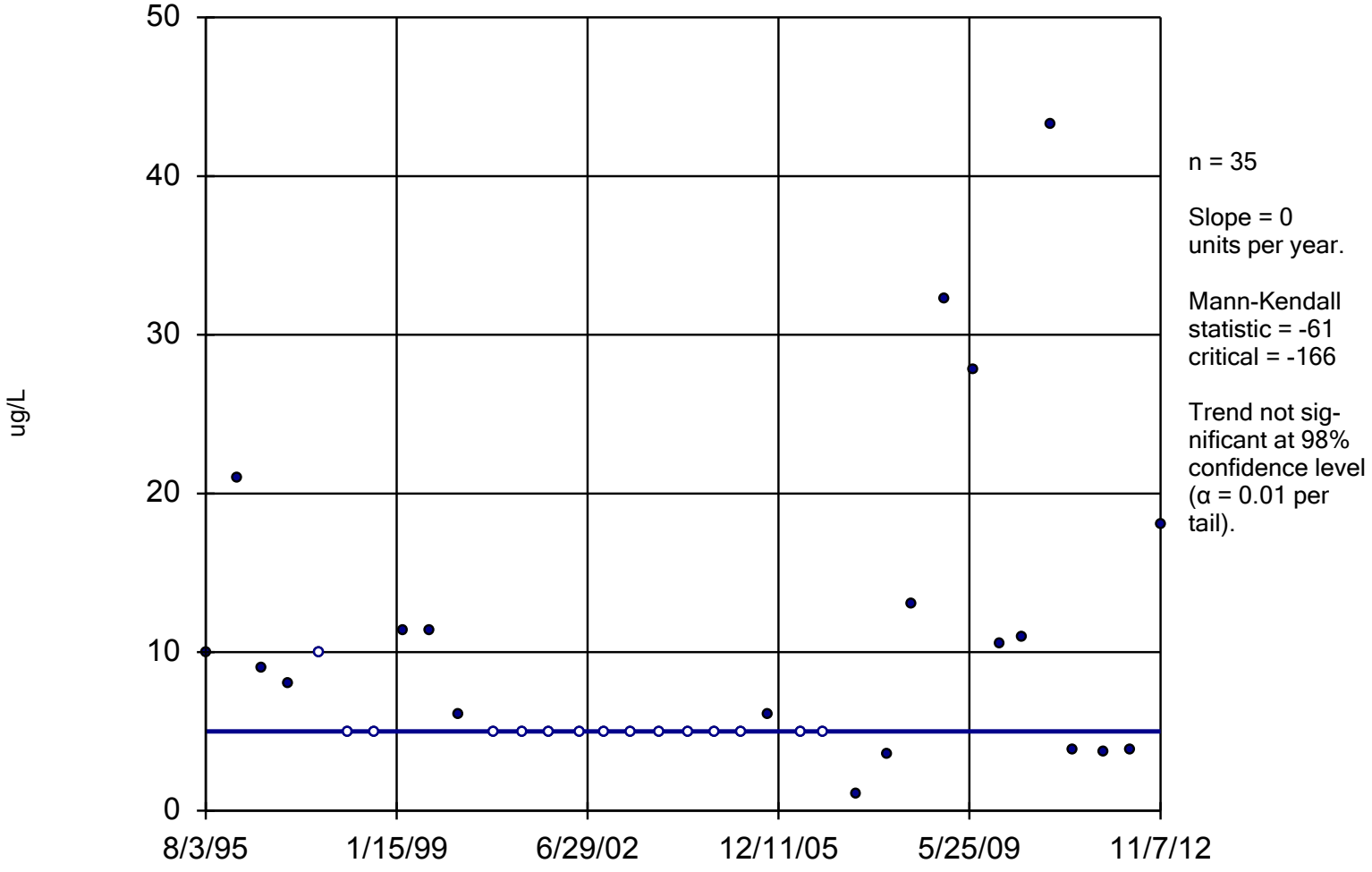
Constituent: Zinc Total Analysis Run 11/28/2012 10:43 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-1A

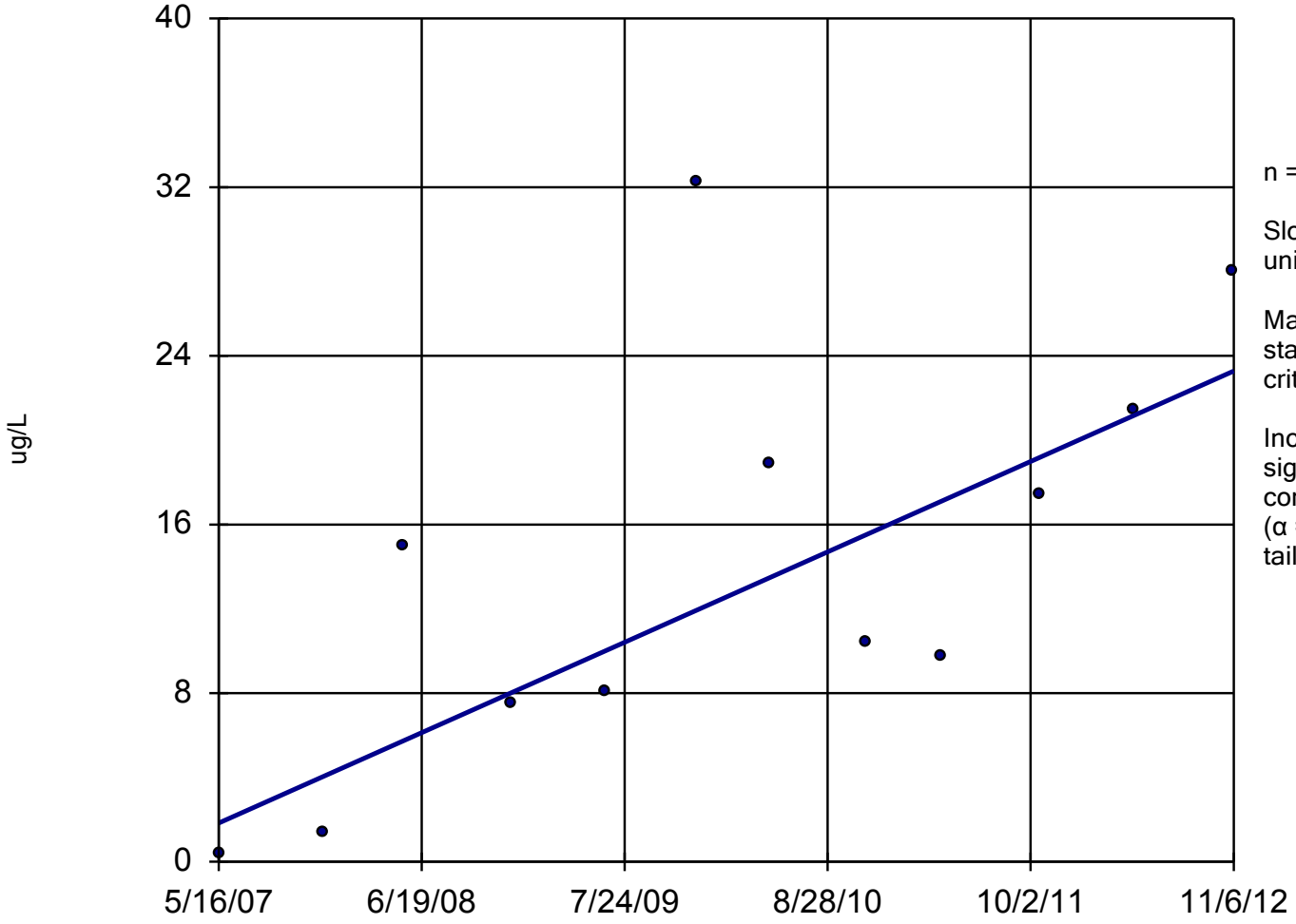


Constituent: Cobalt Total Analysis Run 11/28/2012 11:34 AM

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

Sen's Slope Estimator

MW-2B



n = 12

Slope = 3.911 units per year.

Mann-Kendall statistic = 38
critical = 35

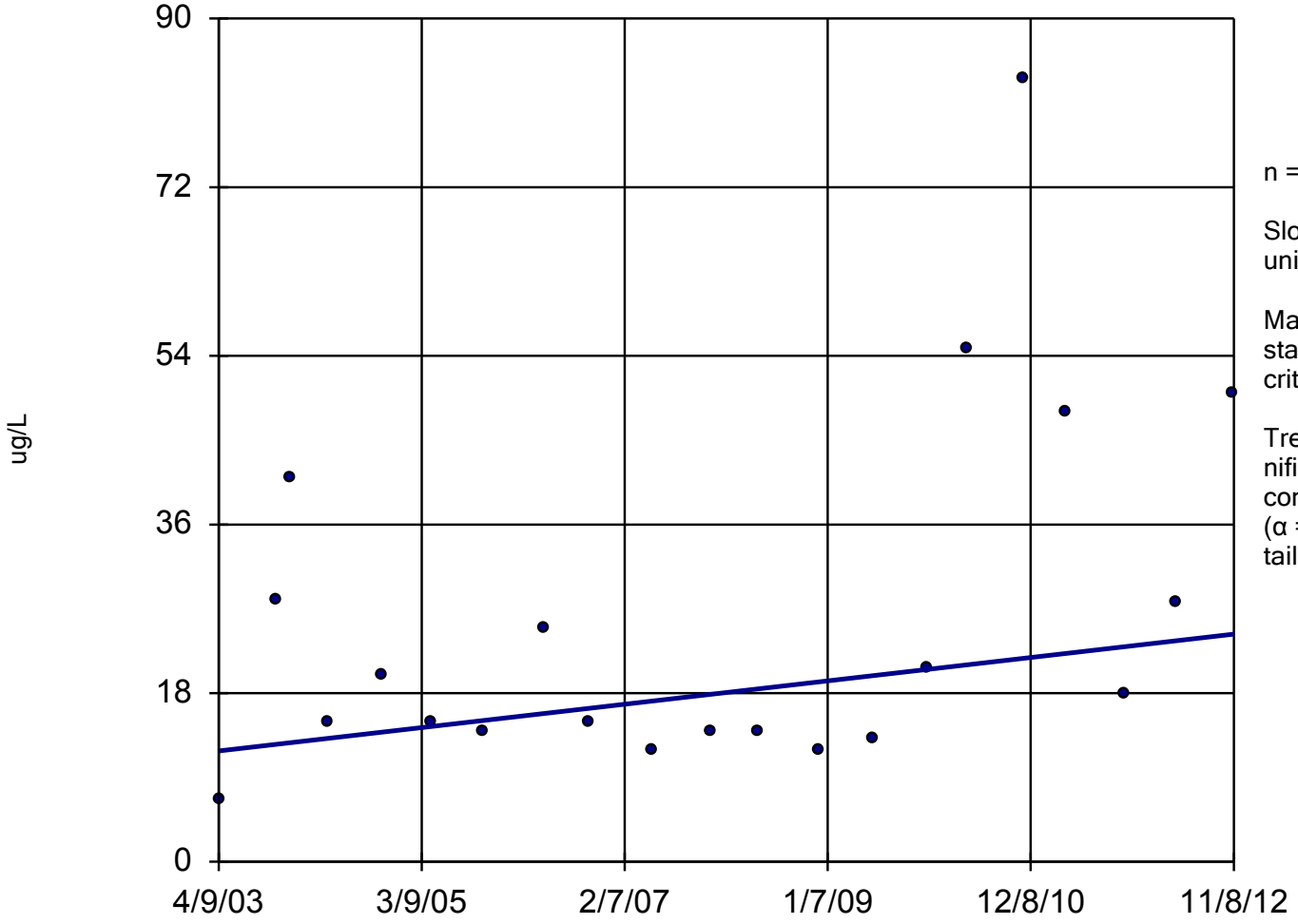
Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Total Analysis Run 11/28/2012 11:35 AM

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

Sen's Slope Estimator

MW-12



n = 21

Slope = 1.301 units per year.

Mann-Kendall statistic = 42
critical = 78

Trend not significant at 98% confidence level (α = 0.01 per tail).

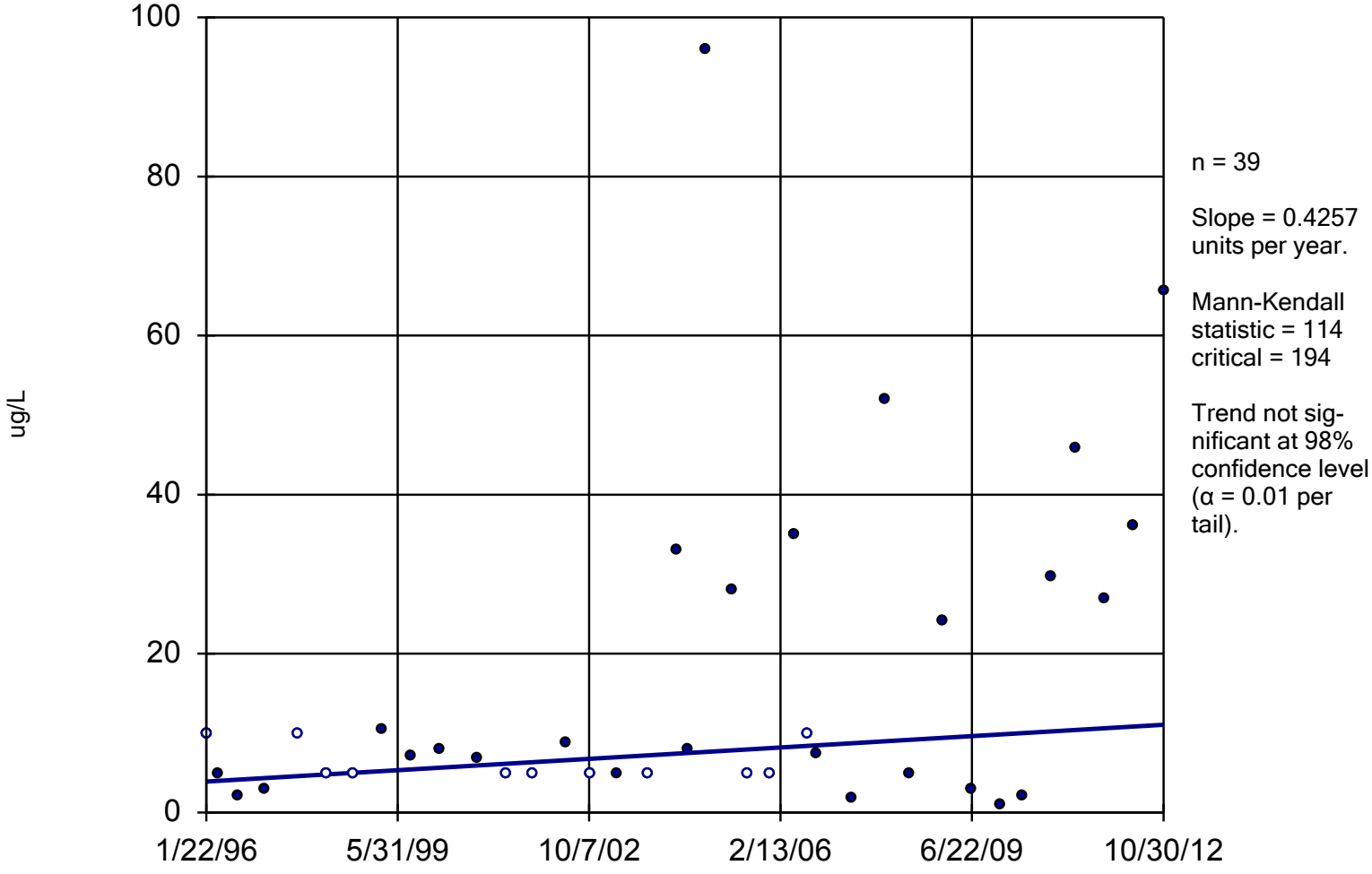
Constituent: Cobalt Total Analysis Run 11/28/2012 11:35 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-21

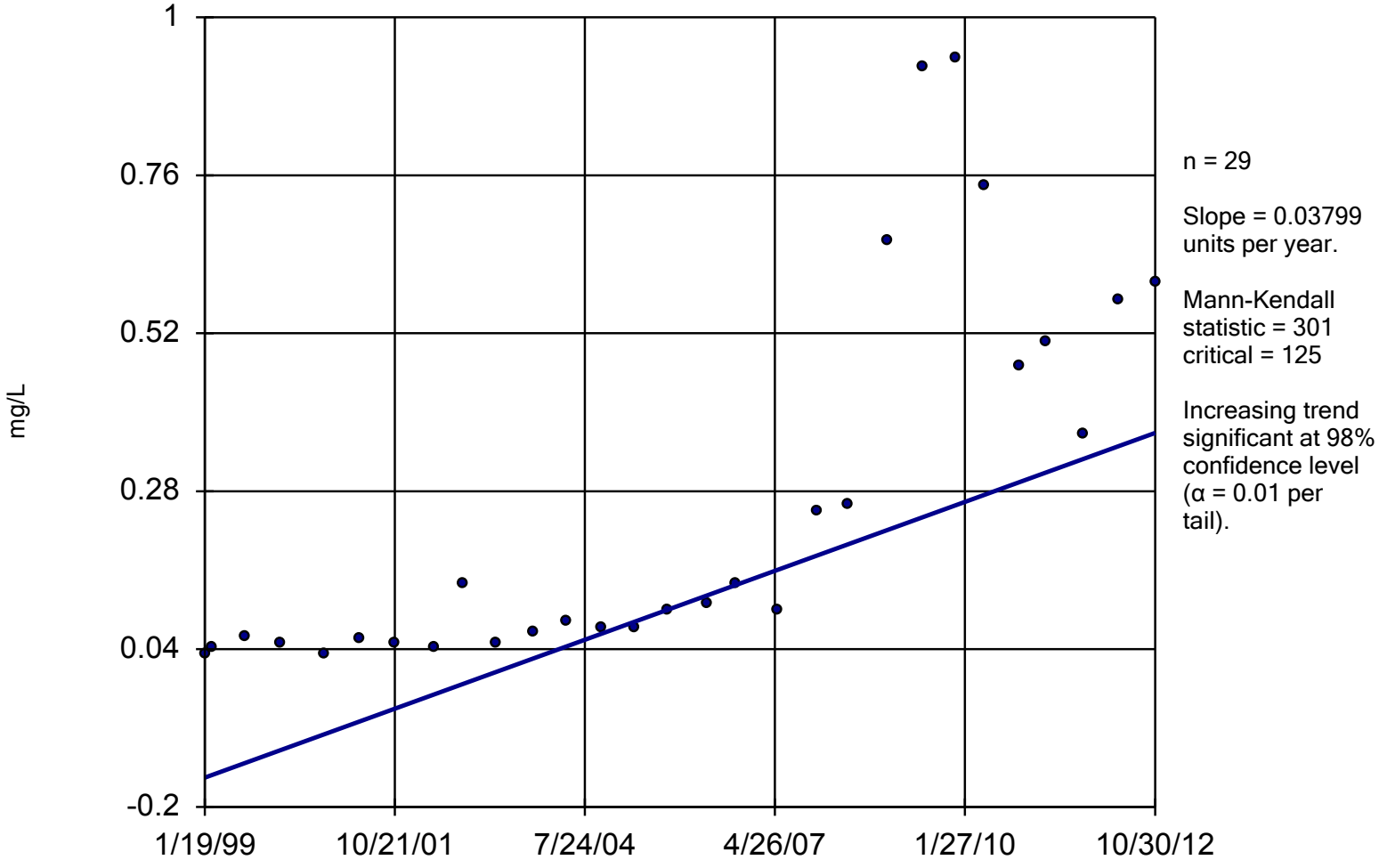


Constituent: Cobalt Total Analysis Run 11/28/2012 11:36 AM

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

Sen's Slope Estimator

MW-18A



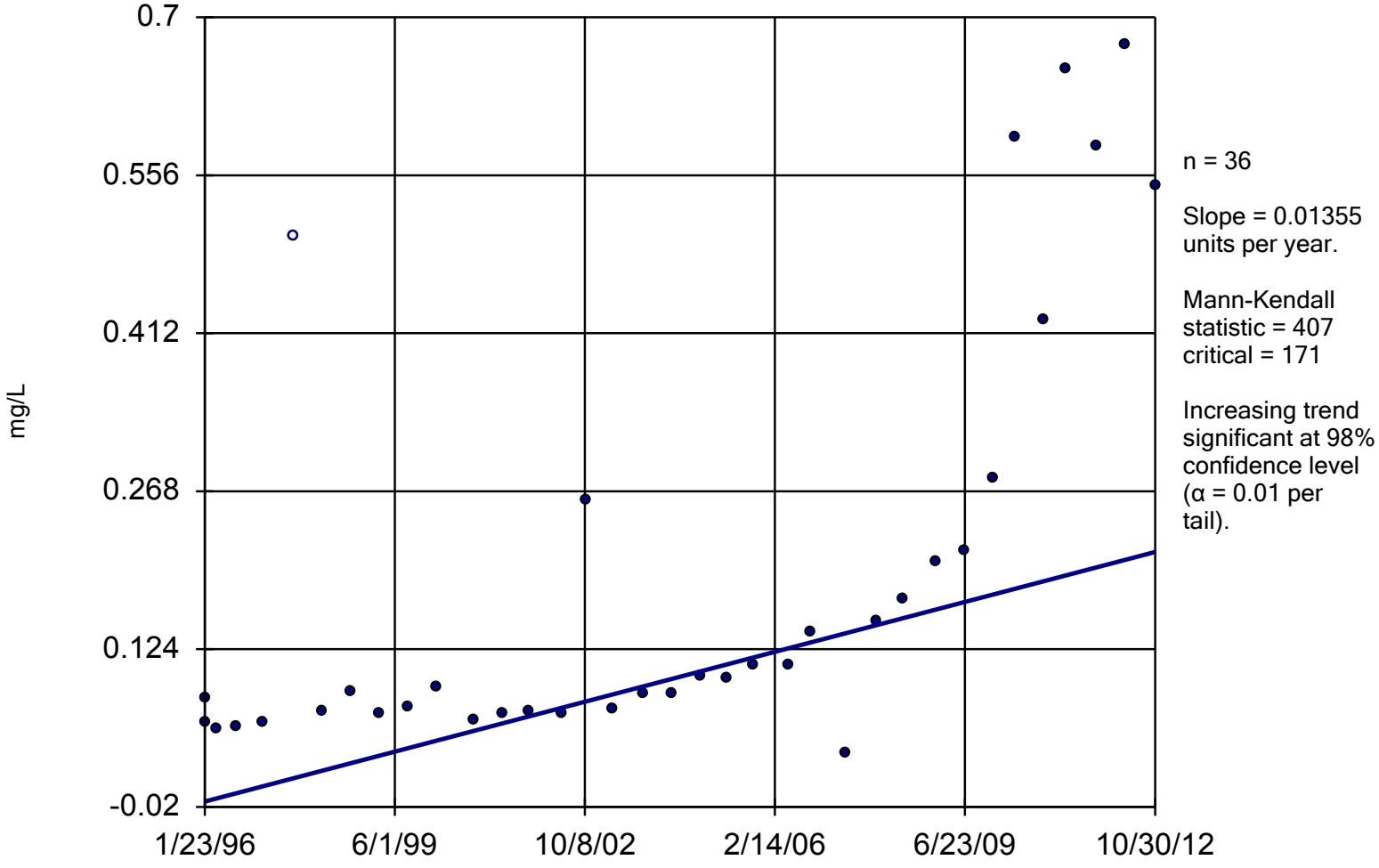
Constituent: Barium Total Analysis Run 11/28/2012 11:37 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-20B



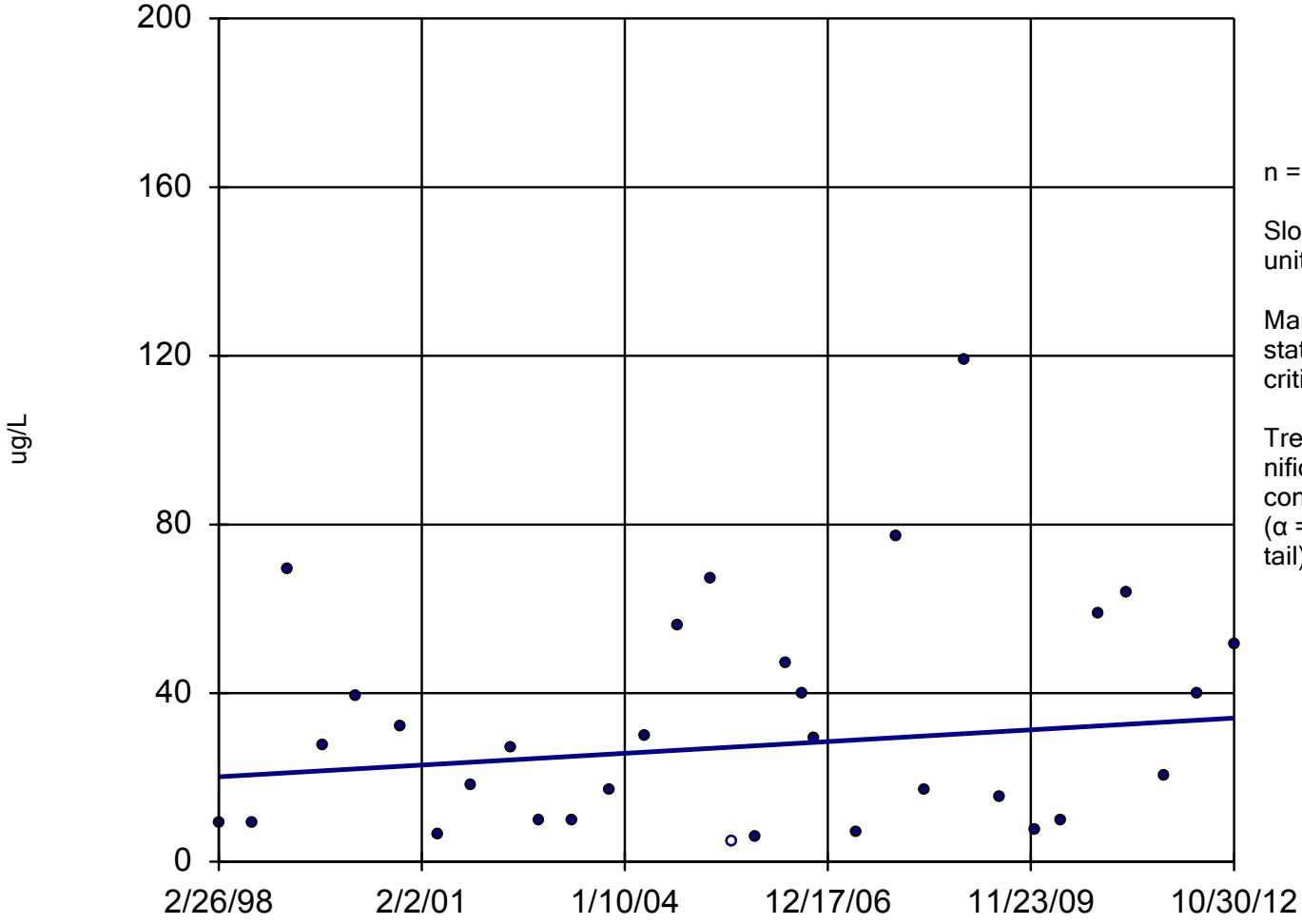
Constituent: Barium Total Analysis Run 11/28/2012 11:37 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-21



n = 32

Slope = 0.9483 units per year.

Mann-Kendall statistic = 72
critical = 145

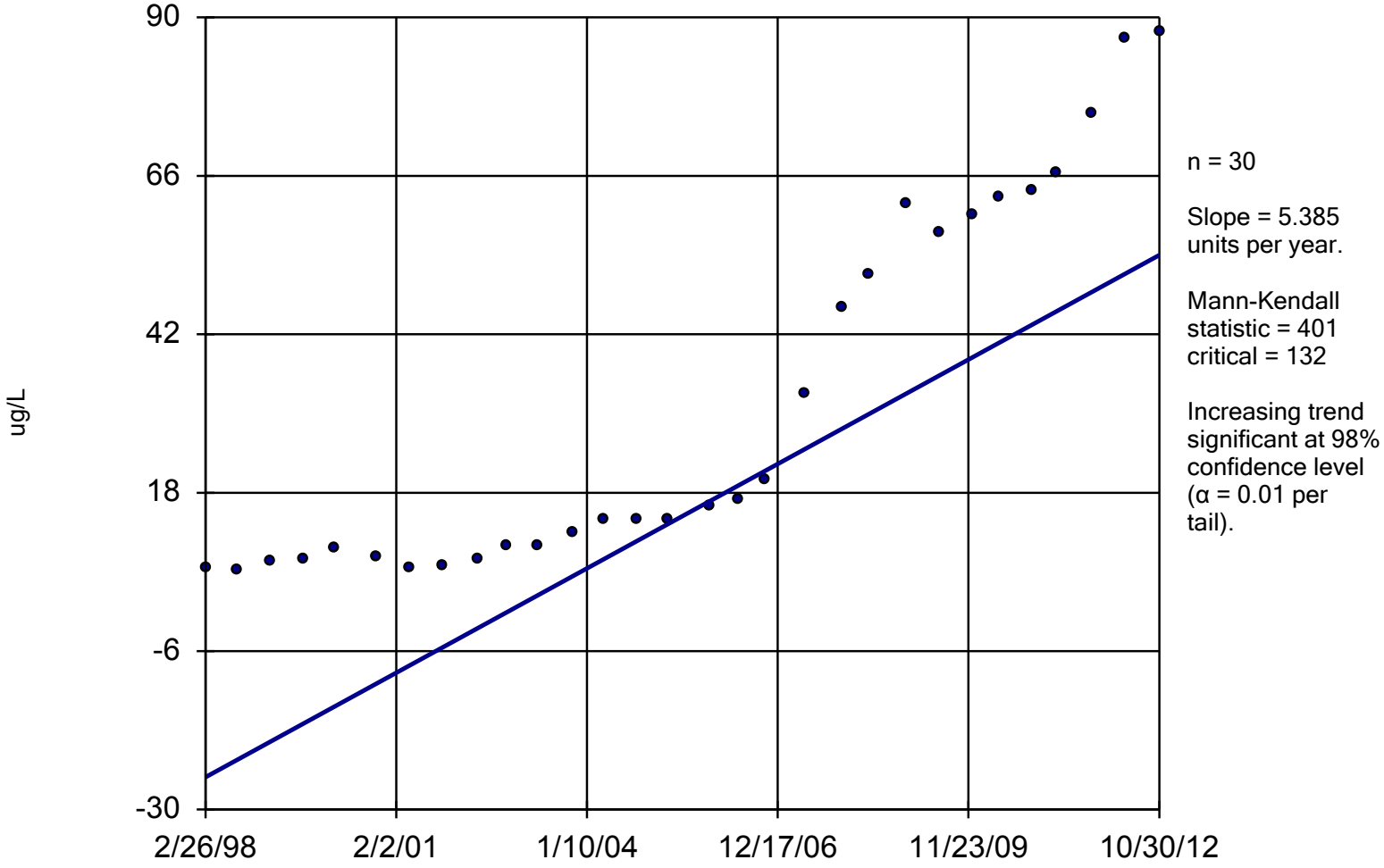
Trend not significant at 98% confidence level (α = 0.01 per tail).

Constituent: Nickel Total Analysis Run 11/28/2012 11:38 AM

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

Sen's Slope Estimator

MW-22A



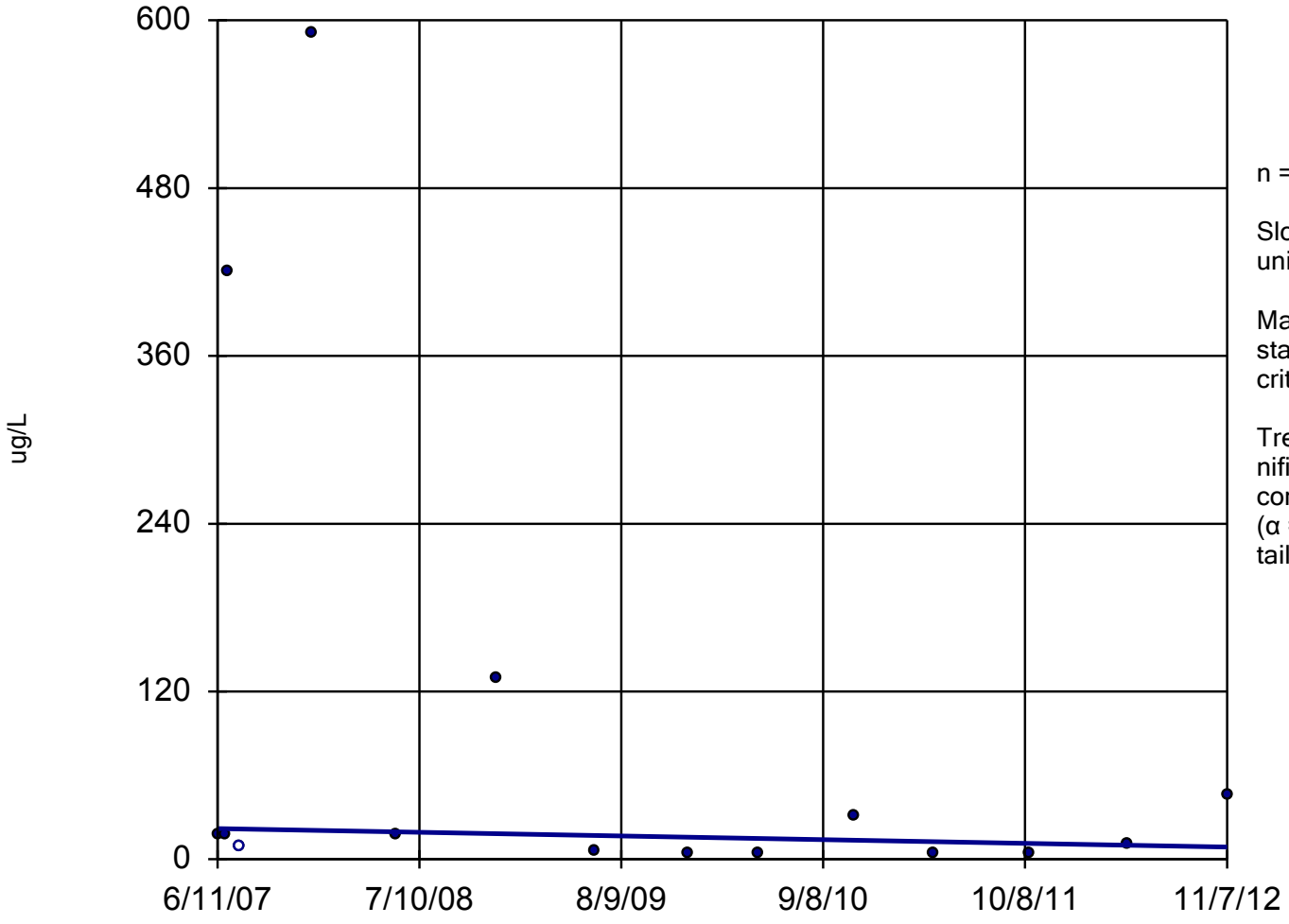
Constituent: Nickel Total Analysis Run 11/28/2012 11:38 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-26



n = 15

Slope = -2.42 units per year.

Mann-Kendall statistic = -26
critical = -48

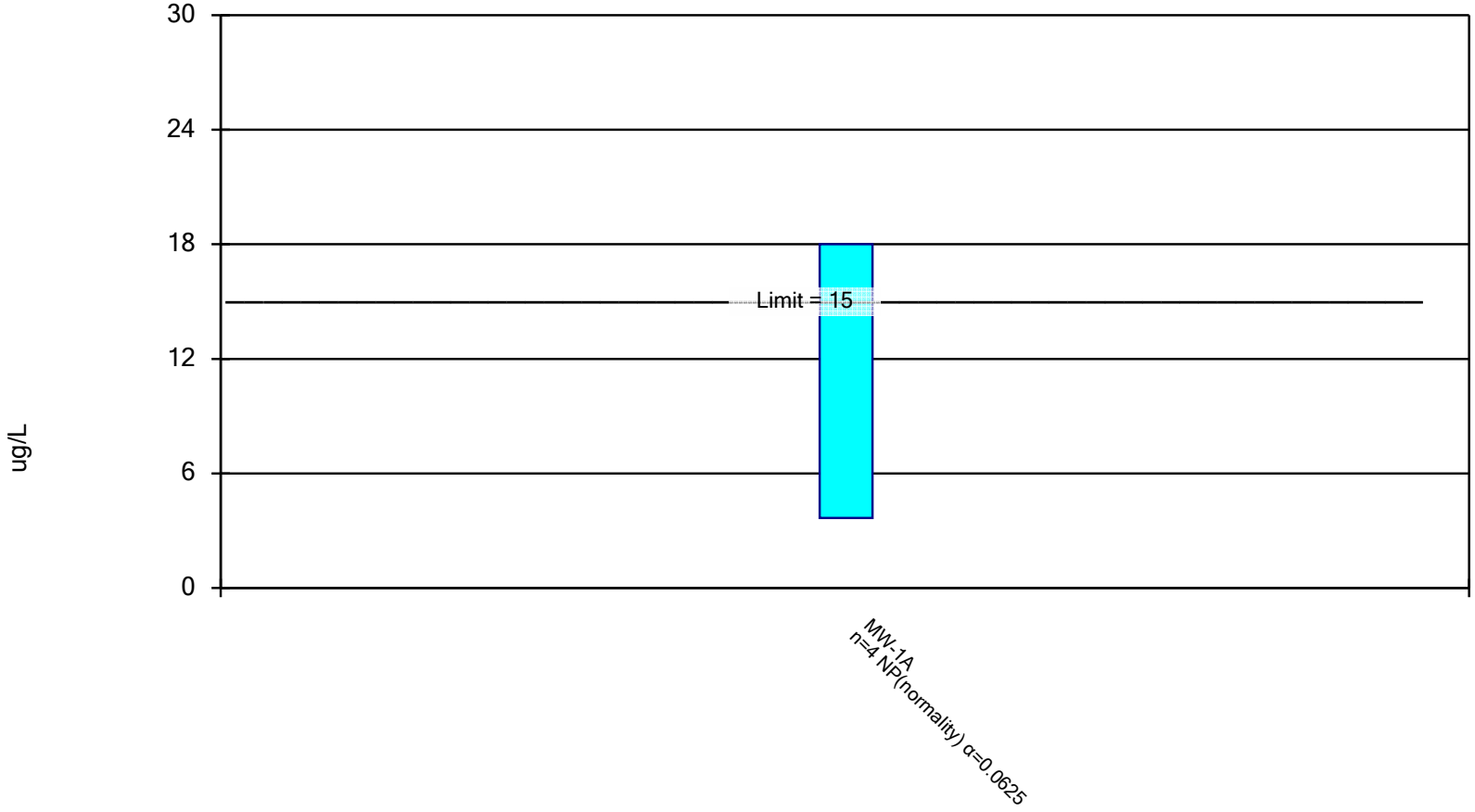
Trend not significant at 98% confidence level (α = 0.01 per tail).

Constituent: Nickel Total Analysis Run 11/28/2012 11:38 AM

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

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



Constituent: Cobalt Total Analysis Run 11/28/2012 1:04 PM

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

Confidence Interval

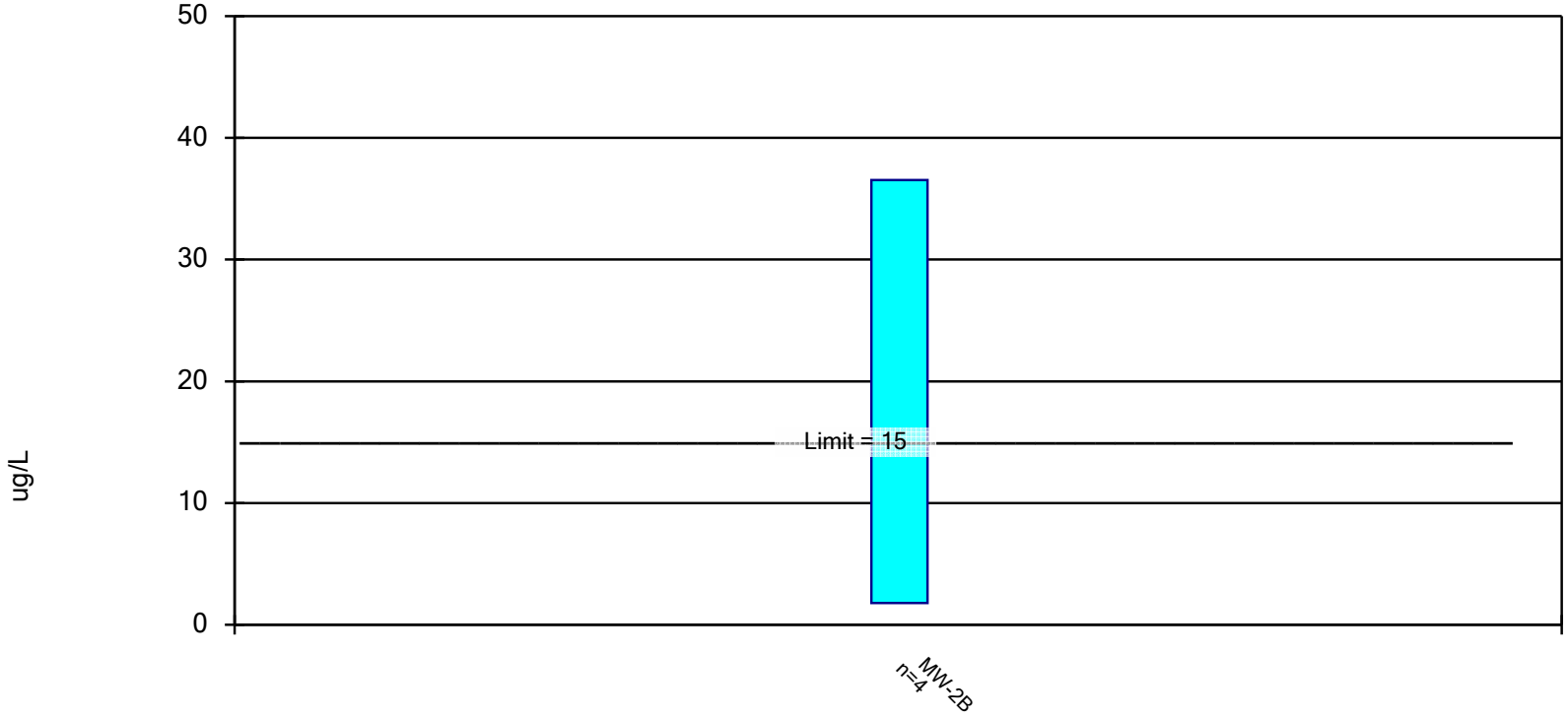
Constituent: Cobalt Total (ug/L) Analysis Run 11/28/2012 1:04 PM

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

	MW-1A
4/11/2011	3.82 (J)
10/27/2011	3.66
4/24/2012	3.87 (J)
11/7/2012	18
Mean	7.338
Std. Dev.	7.109
Upper Lim.	18
Lower Lim.	3.66

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 11/28/2012 1:05 PM

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

Confidence Interval

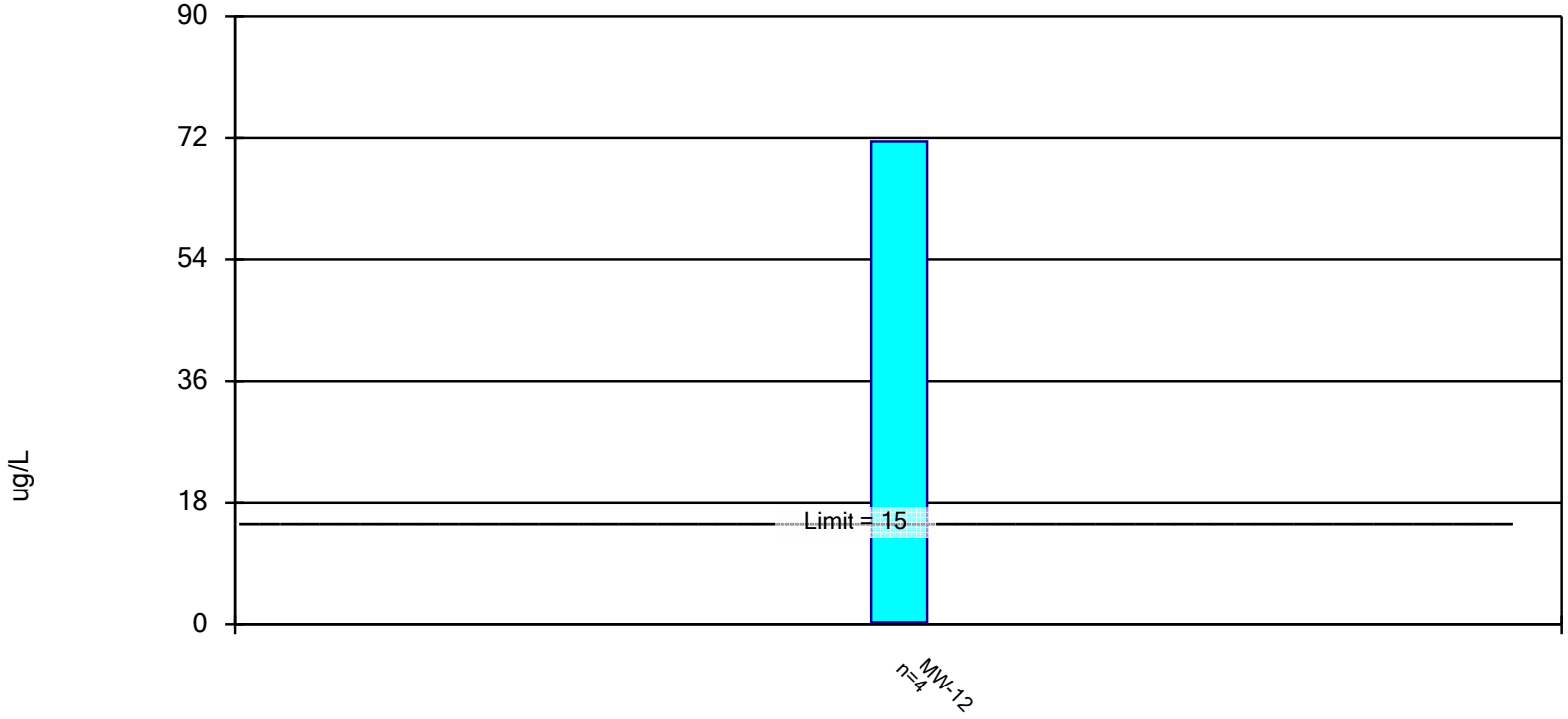
Constituent: Cobalt Total (ug/L) Analysis Run 11/28/2012 1:05 PM

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

	MW-2B
4/11/2011	9.72 (J)
10/20/2011	17.4
4/24/2012	21.5
11/6/2012	28
Mean	19.16
Std. Dev.	7.656
Upper Lim.	36.54
Lower Lim.	1.774

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 11/28/2012 1:05 PM

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

Confidence Interval

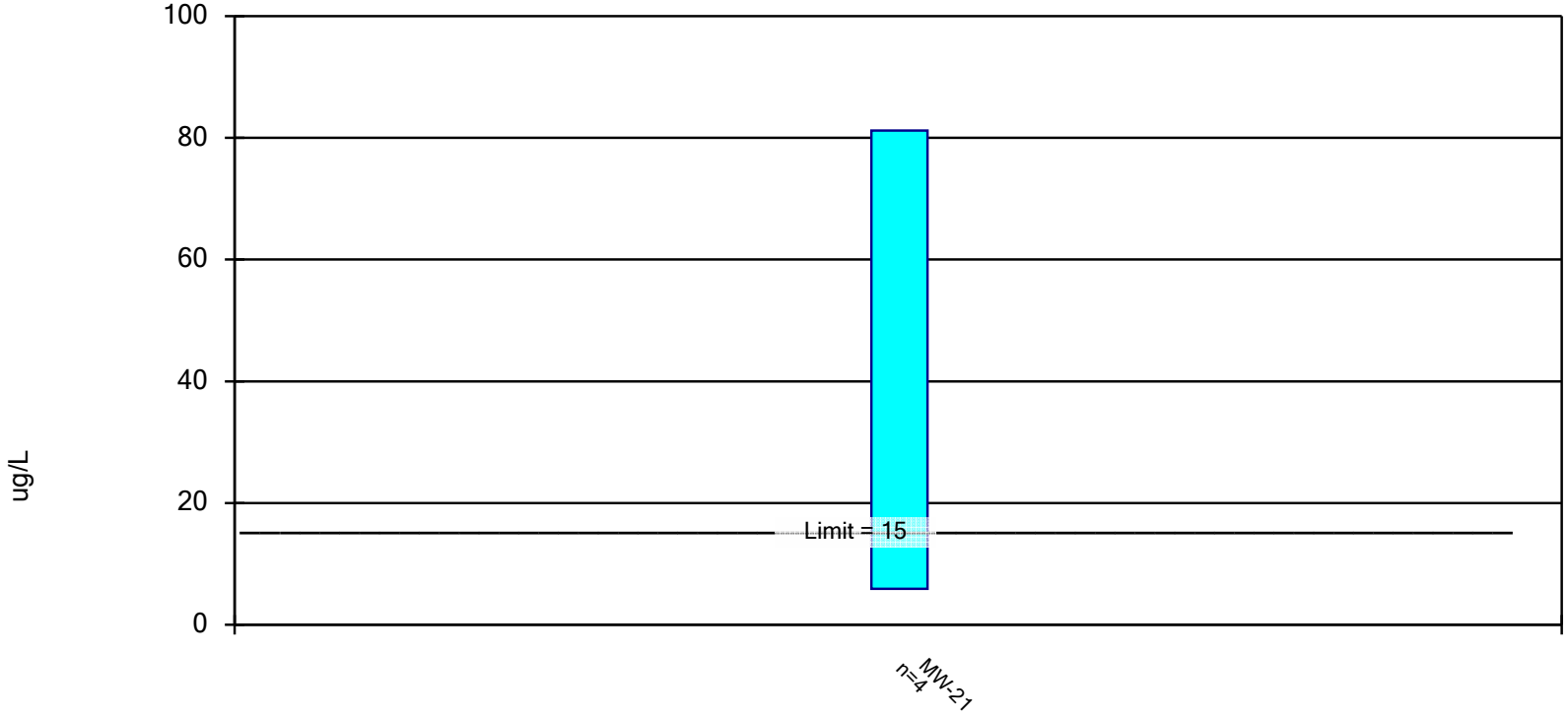
Constituent: Cobalt Total (ug/L) Analysis Run 11/28/2012 1:05 PM

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

	MW-12
4/8/2011	47.9
10/27/2011	17.9
4/24/2012	27.6
11/8/2012	50.1
Mean	35.88
Std. Dev.	15.69
Upper Lim.	71.5
Lower Lim.	0.2532

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 11/28/2012 1:06 PM

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

Confidence Interval

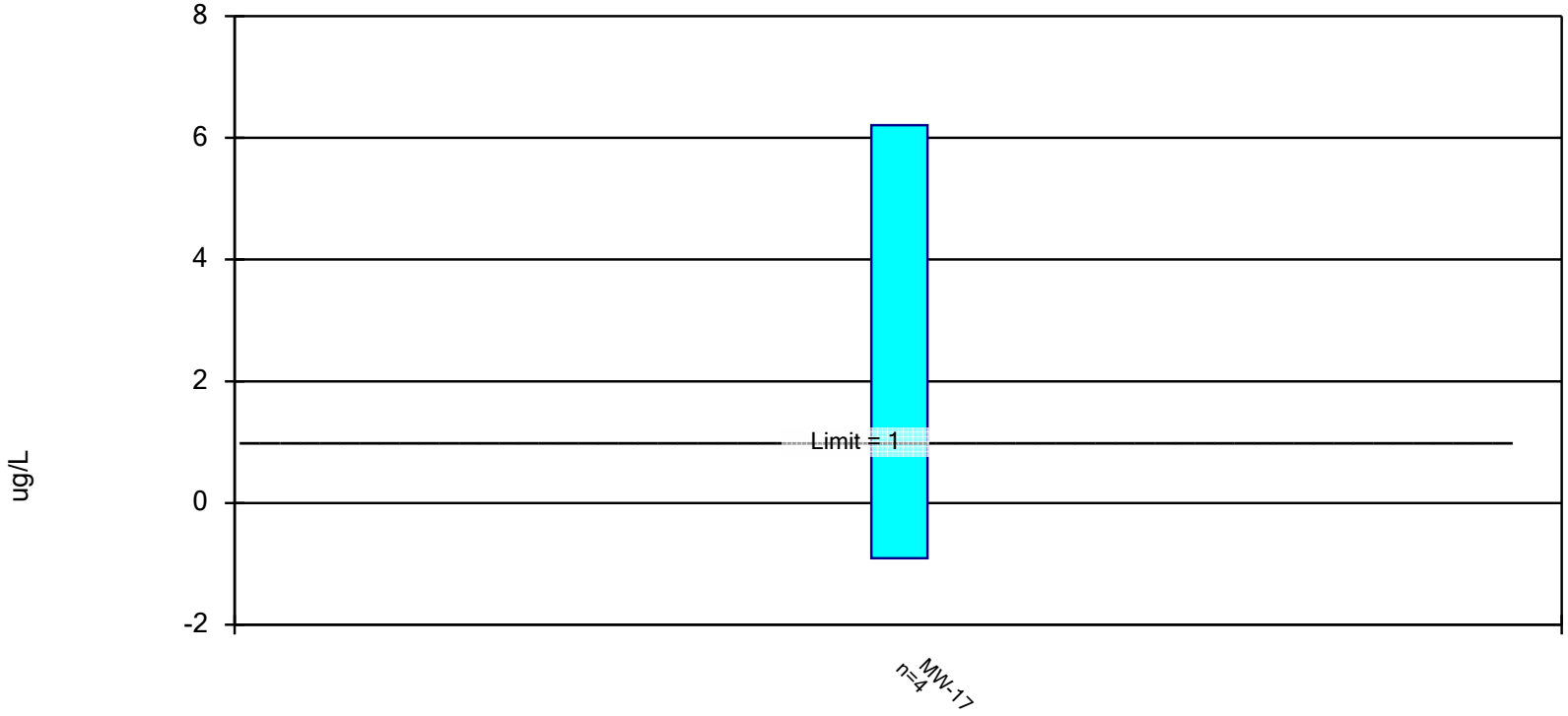
Constituent: Cobalt Total (ug/L) Analysis Run 11/28/2012 1:06 PM

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

	MW-21
4/13/2011	45.7
10/25/2011	26.8
4/24/2012	36.2
10/30/2012	65.6
Mean	43.58
Std. Dev.	16.59
Upper Lim.	81.23
Lower Lim.	5.916

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 11/28/2012 1:06 PM

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

Confidence Interval

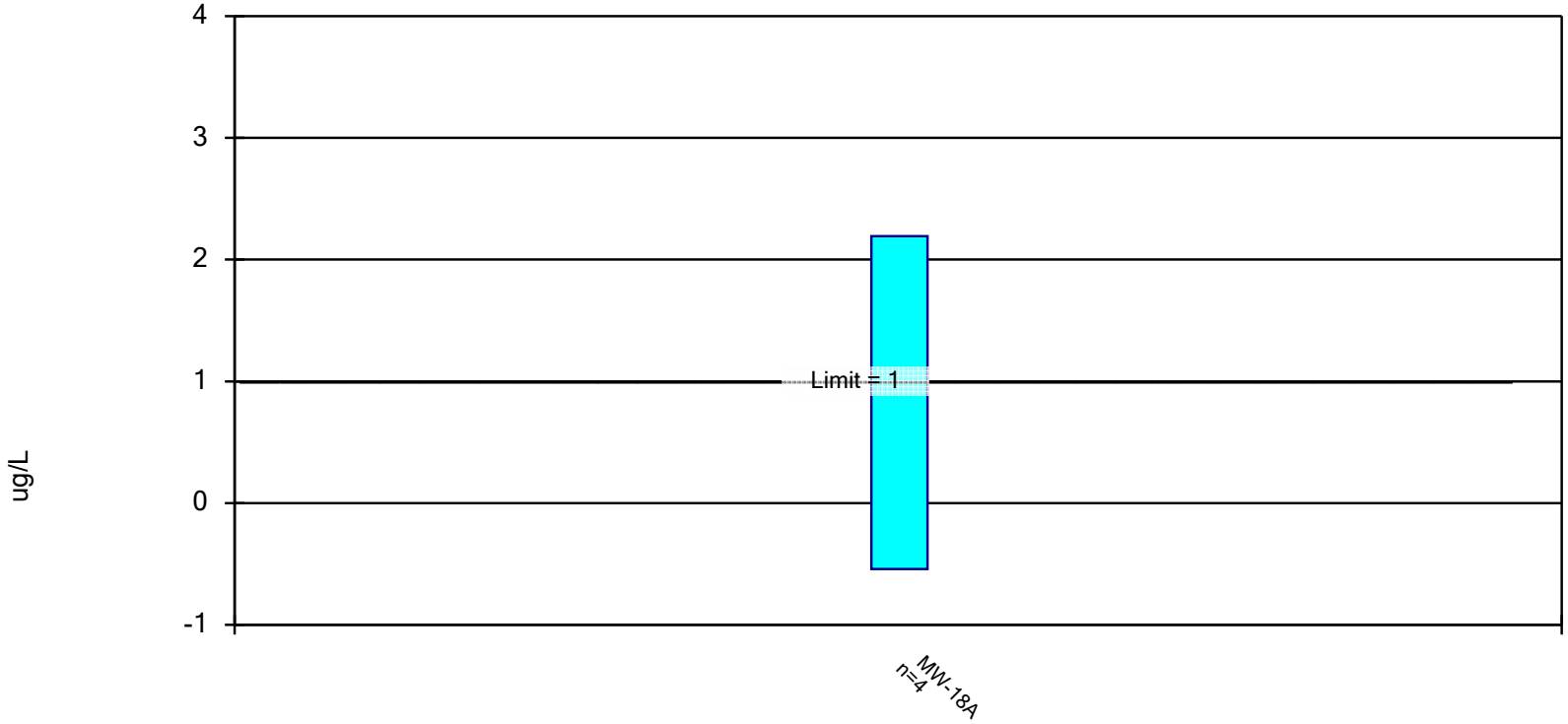
Constituent: Benzene (ug/L) Analysis Run 11/28/2012 1:06 PM

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

	MW-17
10/26/2011	1.3
12/12/2011	1.7
4/25/2012	4.8
10/30/2012	2.8
Mean	2.65
Std. Dev.	1.567
Upper Lim.	6.208
Lower Lim.	-0.9085

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 11/28/2012 1:07 PM

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

Confidence Interval

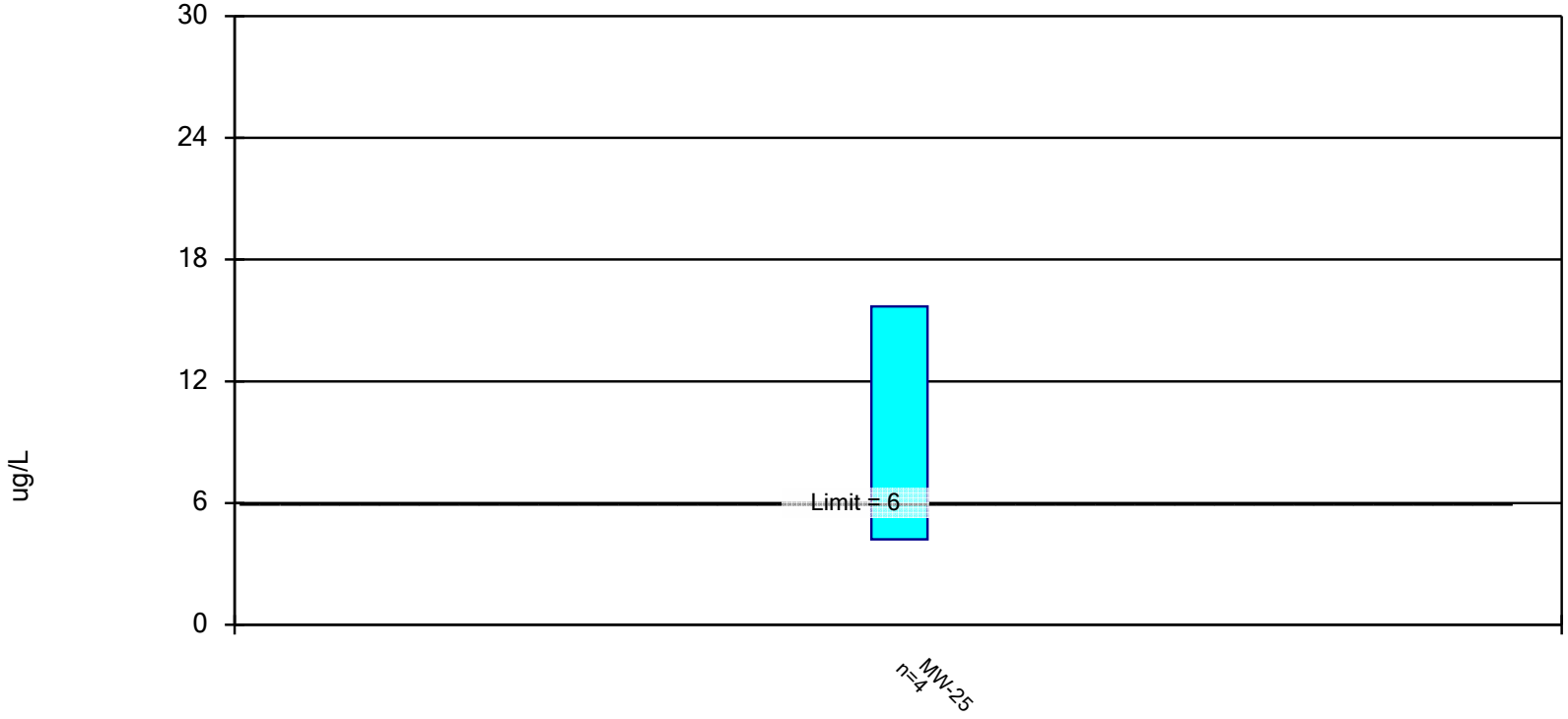
Constituent: Benzene (ug/L) Analysis Run 11/28/2012 1:07 PM

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

	MW-18A
4/7/2011	0.3 (J)
10/21/2011	0.4
4/25/2012	1
10/30/2012	1.6
Mean	0.825
Std. Dev.	0.6021
Upper Lim.	2.192
Lower Lim.	-0.5419

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 11/28/2012 1:08 PM

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

Confidence Interval

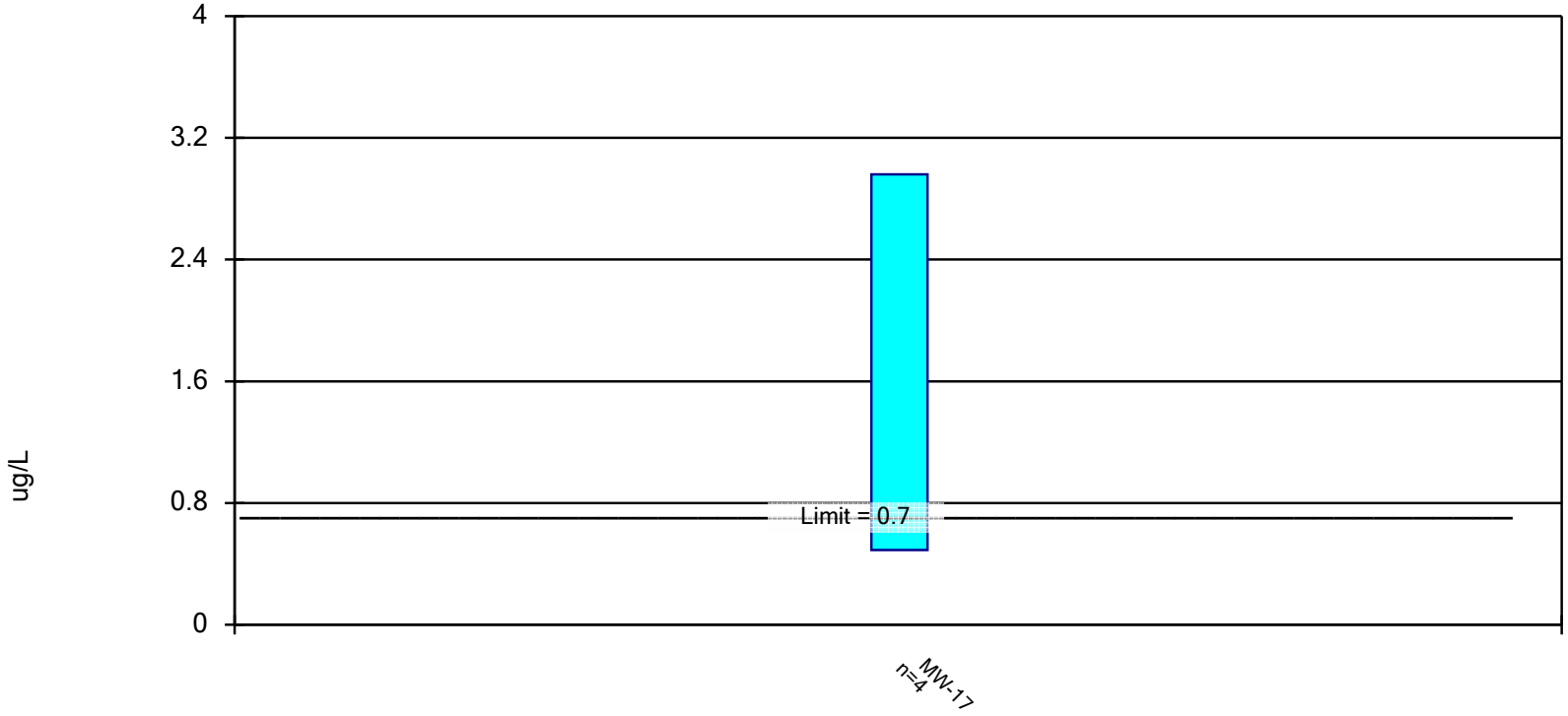
Constituent: 14-Dichlorobenzene (ug/L) Analysis Run 11/28/2012 1:08 PM

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
Mean	9.95
Std. Dev.	2.532
Upper Lim.	15.7
Lower Lim.	4.202

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 11/28/2012 1:08 PM

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

Confidence Interval

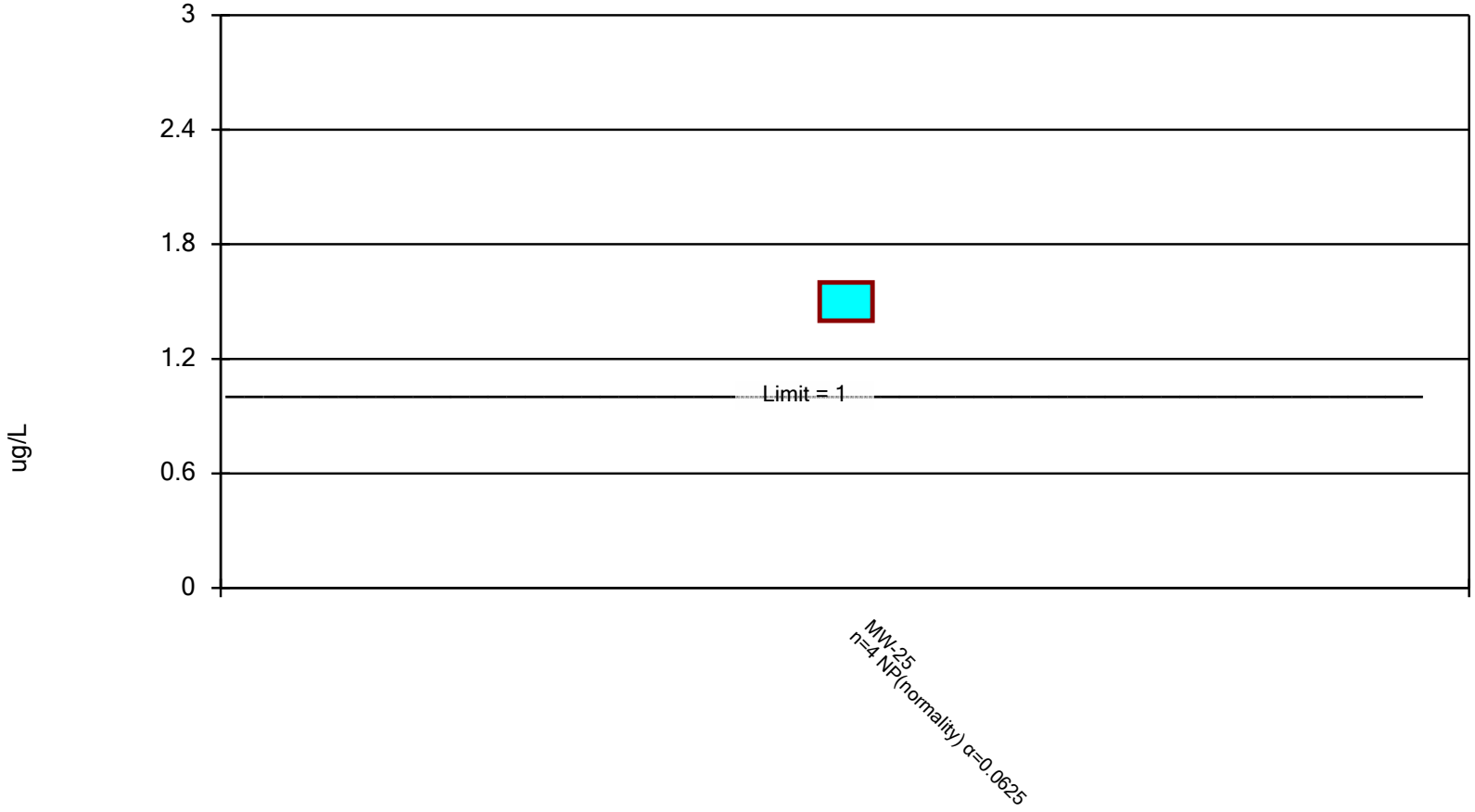
Constituent: Tetrachloroethylene (ug/L) Analysis Run 11/28/2012 1:08 PM

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

	MW-17
10/26/2011	1.3
12/12/2011	1.7
4/25/2012	2.5
10/30/2012	1.4
Mean	1.725
Std. Dev.	0.5439
Upper Lim.	2.96
Lower Lim.	0.4901

Non-Parametric Confidence Interval

Compliance limit is exceeded.



Constituent: Vinyl chloride Analysis Run 11/28/2012 1:09 PM

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

Confidence Interval

Constituent: Vinyl chloride (ug/L) Analysis Run 11/28/2012 1:09 PM

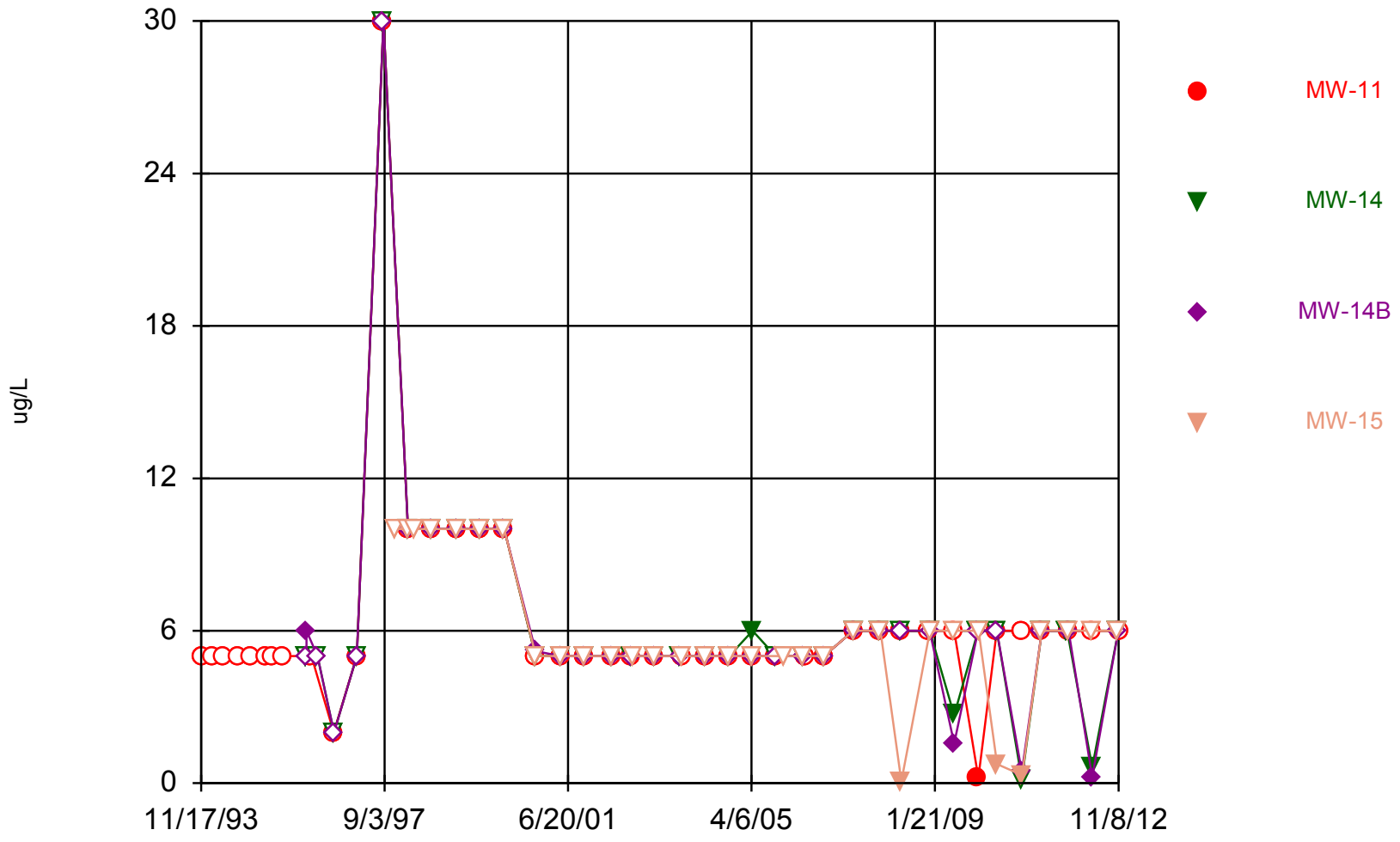
Facility: Charlotte M. Spwy. Client: Charlotte M. Spwy. Data File: CMS

	MW-25
4/7/2011	1.4
10/20/2011	1.6
4/25/2012	1.6
10/30/2012	1.4
Mean	1.5
Std. Dev.	0.1155
Upper Lim.	1.6
Lower Lim.	1.4

TIME SERIES TREND ANALYSIS

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

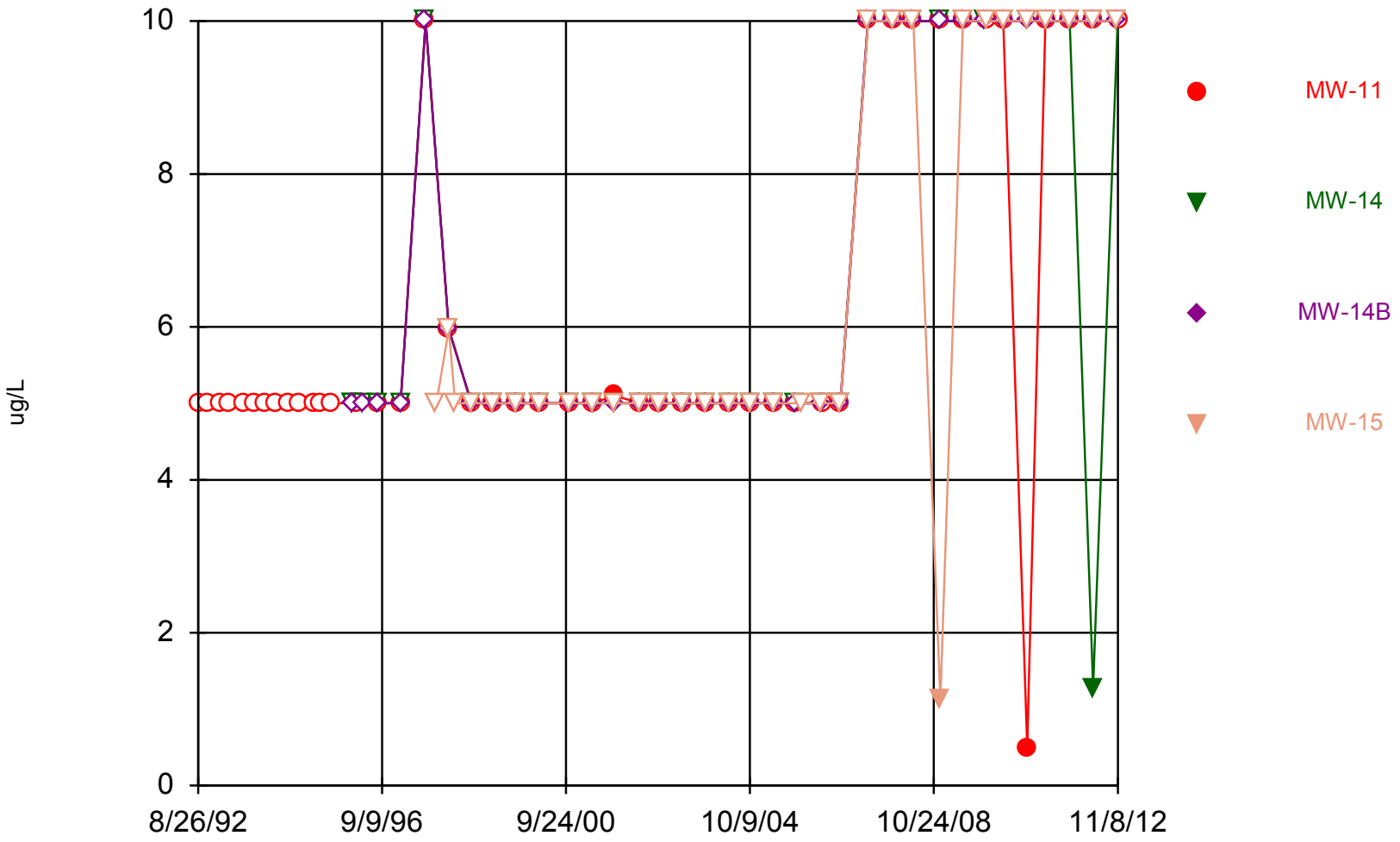


Constituent: Antimony Total Analysis Run 11/28/2012 11:02 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

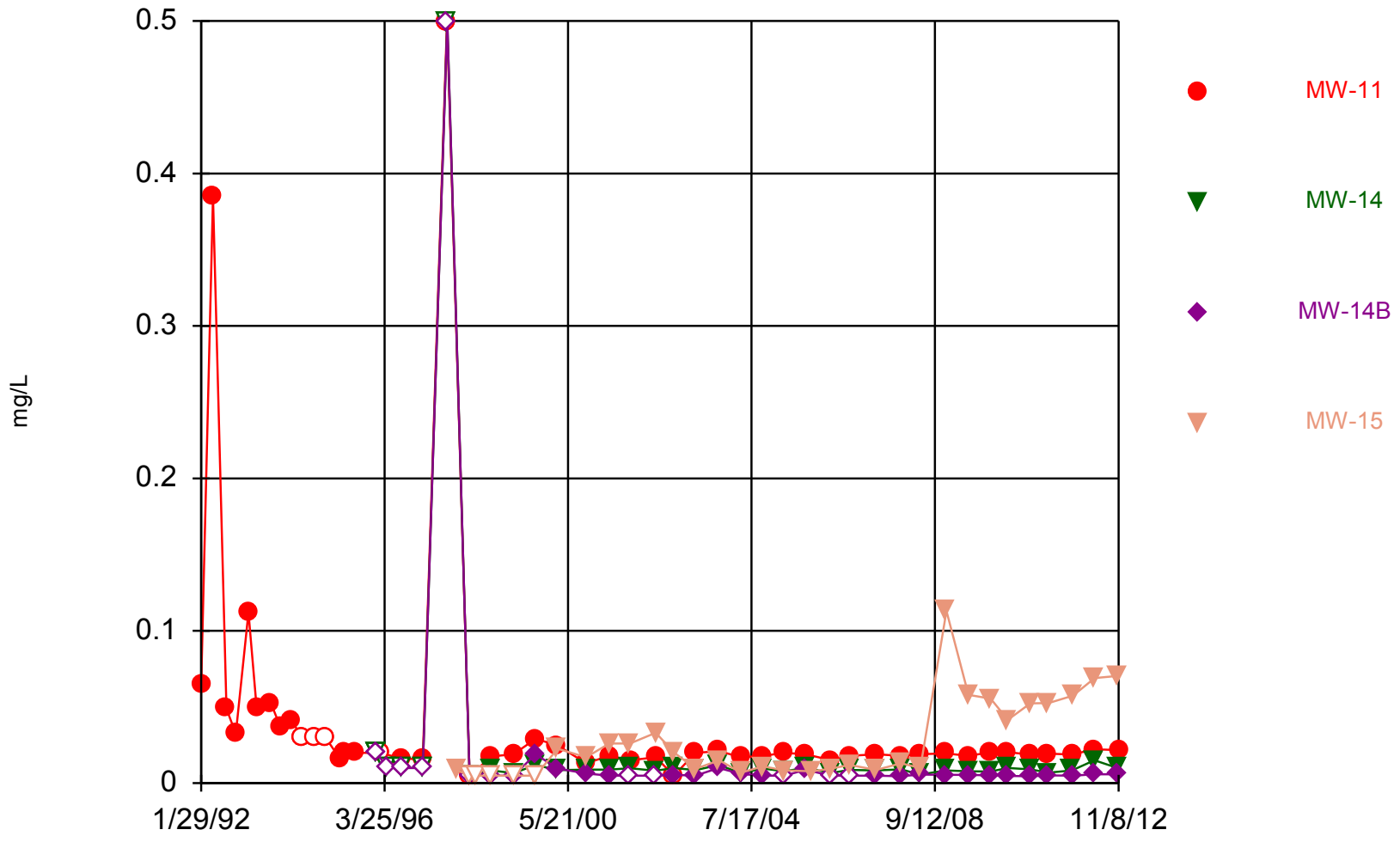


Constituent: Arsenic Total Analysis Run 11/28/2012 11:02 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

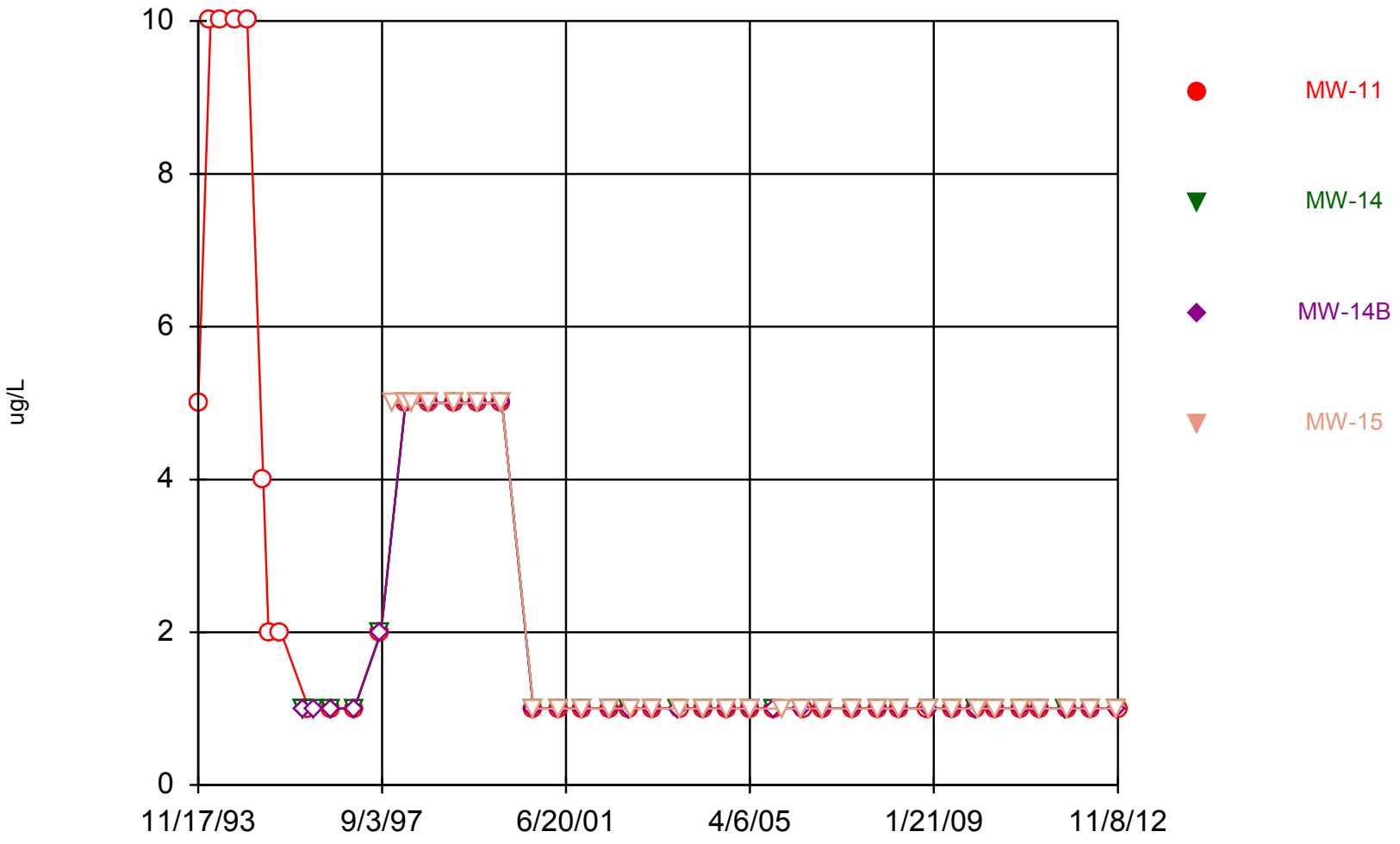


Constituent: Barium Total Analysis Run 11/28/2012 11:02 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

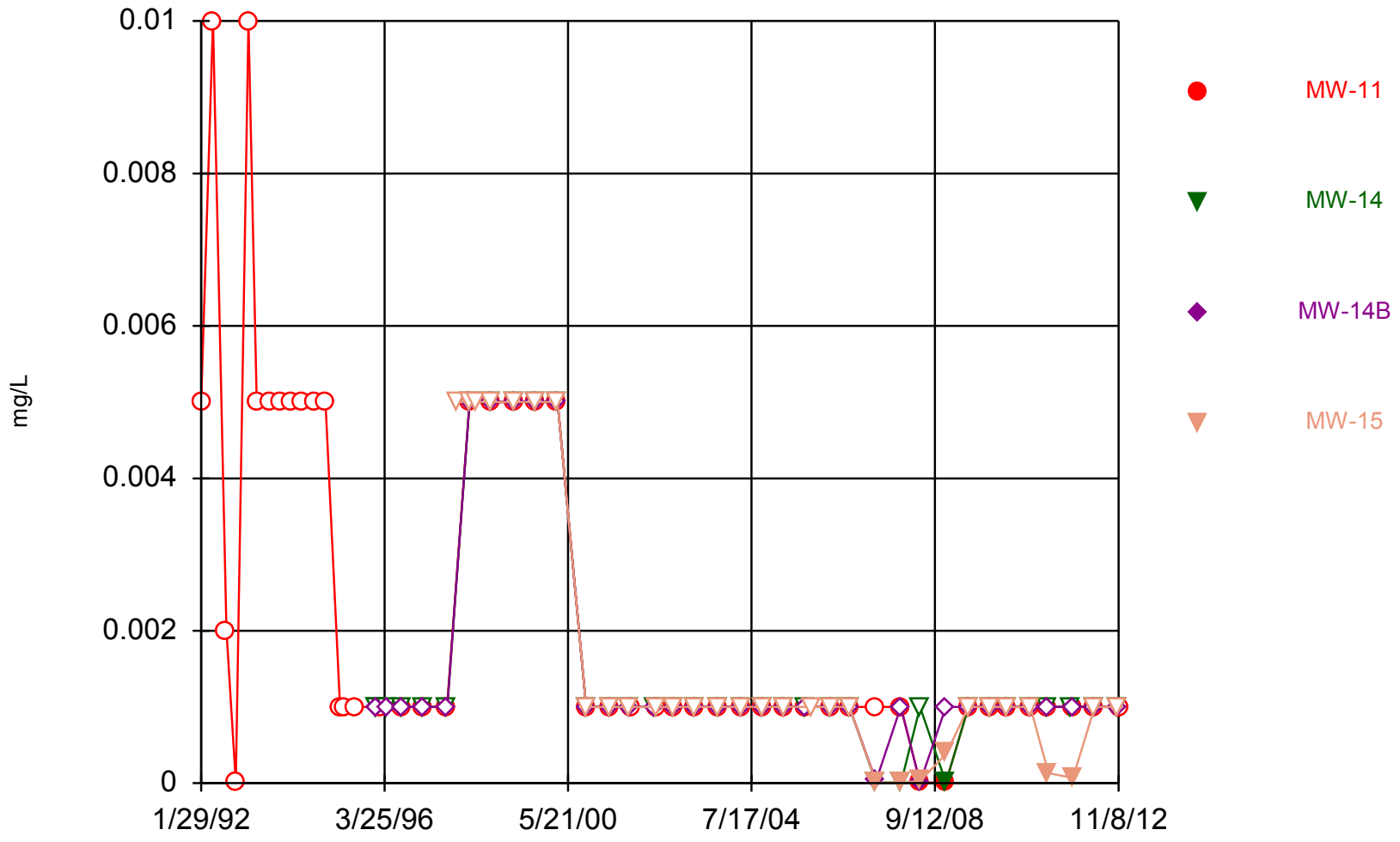


Constituent: Beryllium Total Analysis Run 11/28/2012 11:02 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

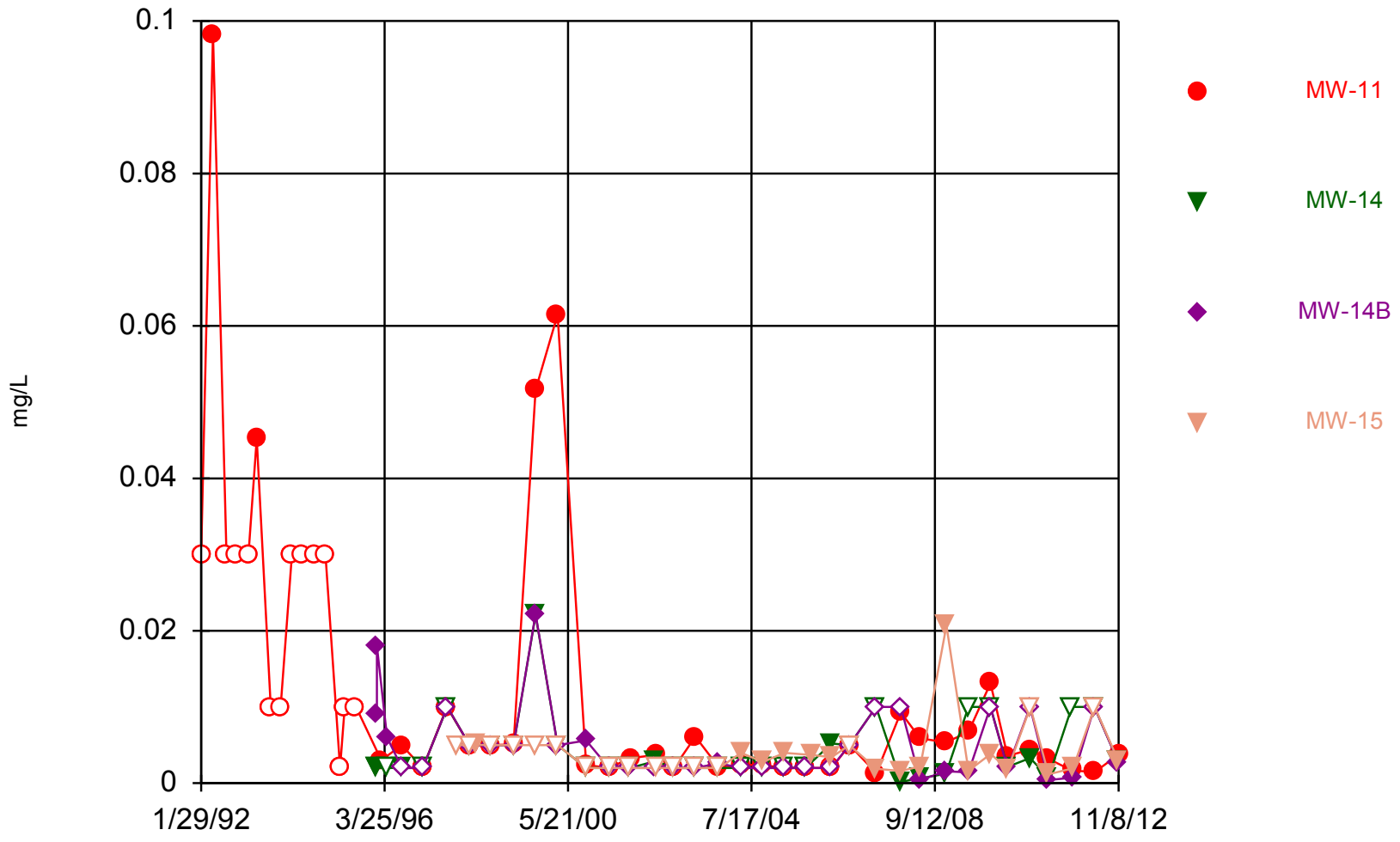


Constituent: Cadmium Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Chromium Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
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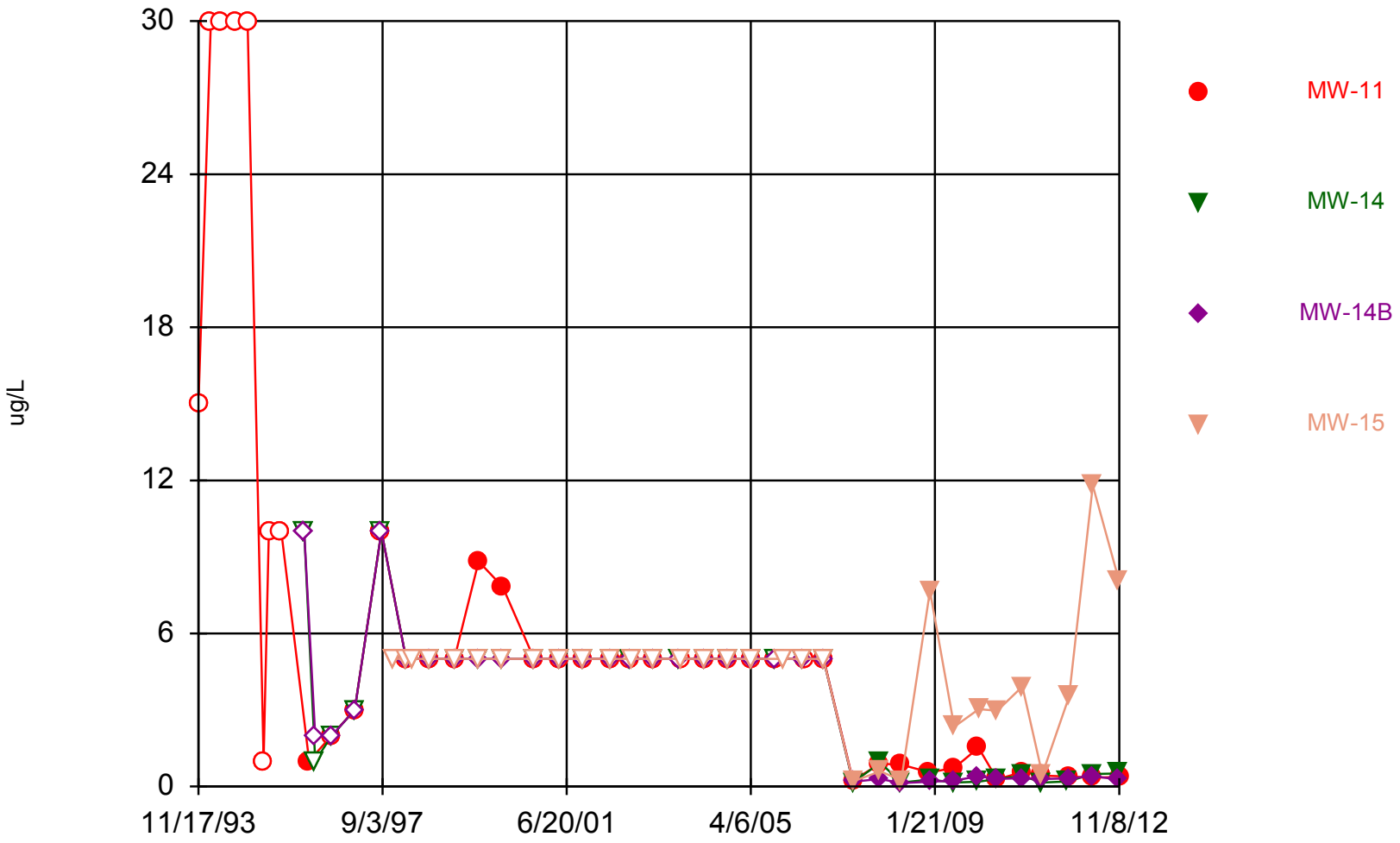
Time Series

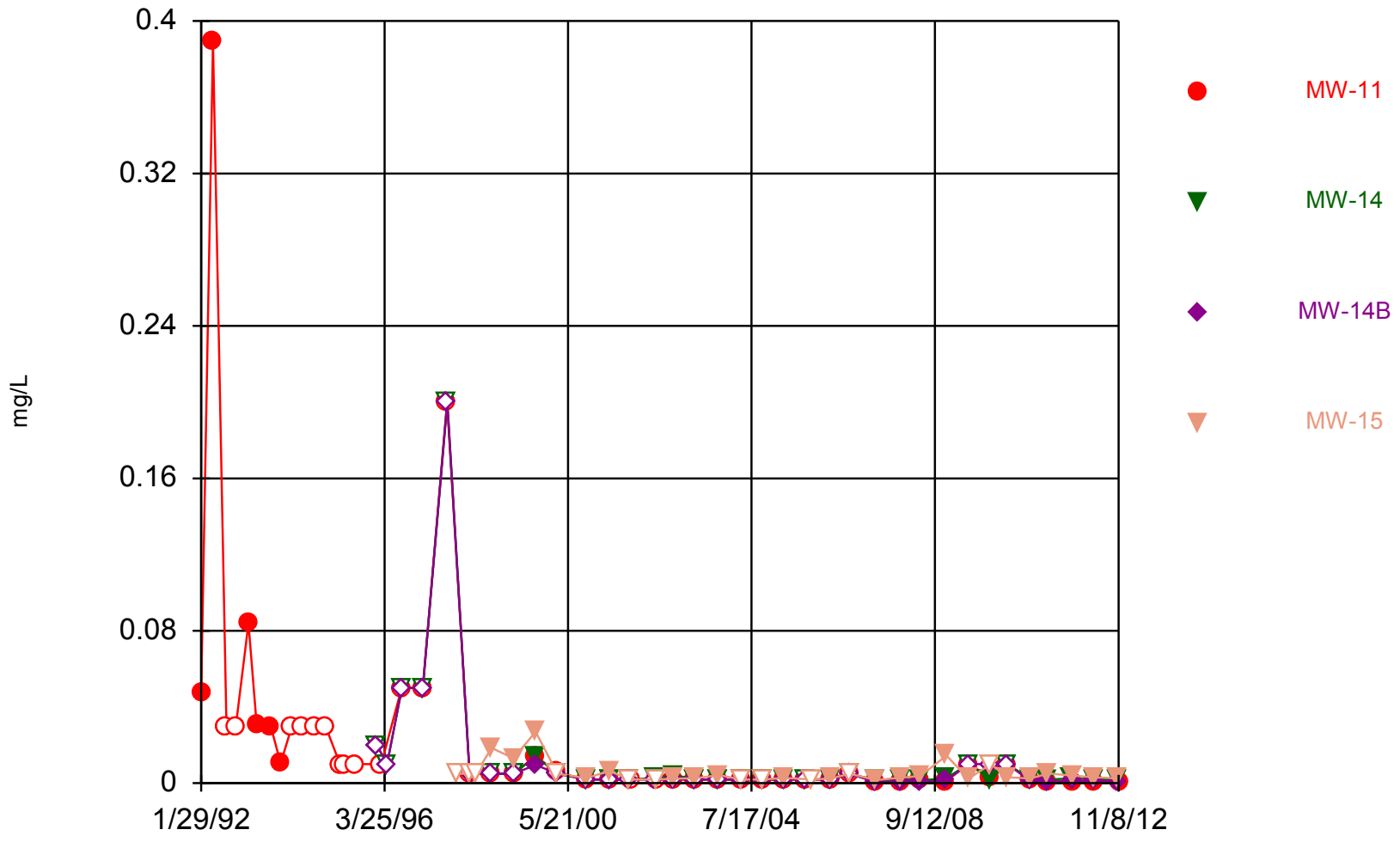


Constituent: Cobalt Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

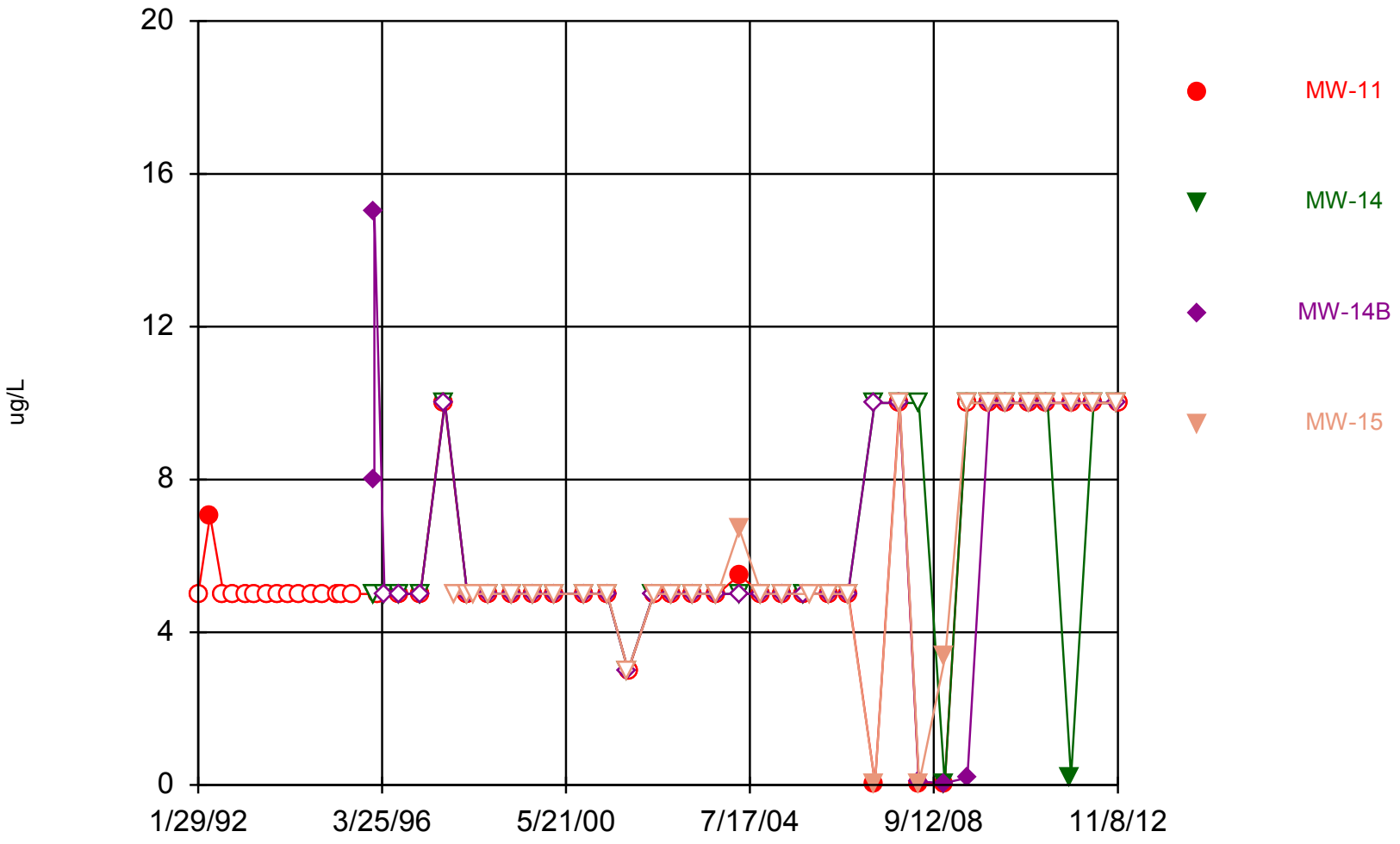


Constituent: Copper Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

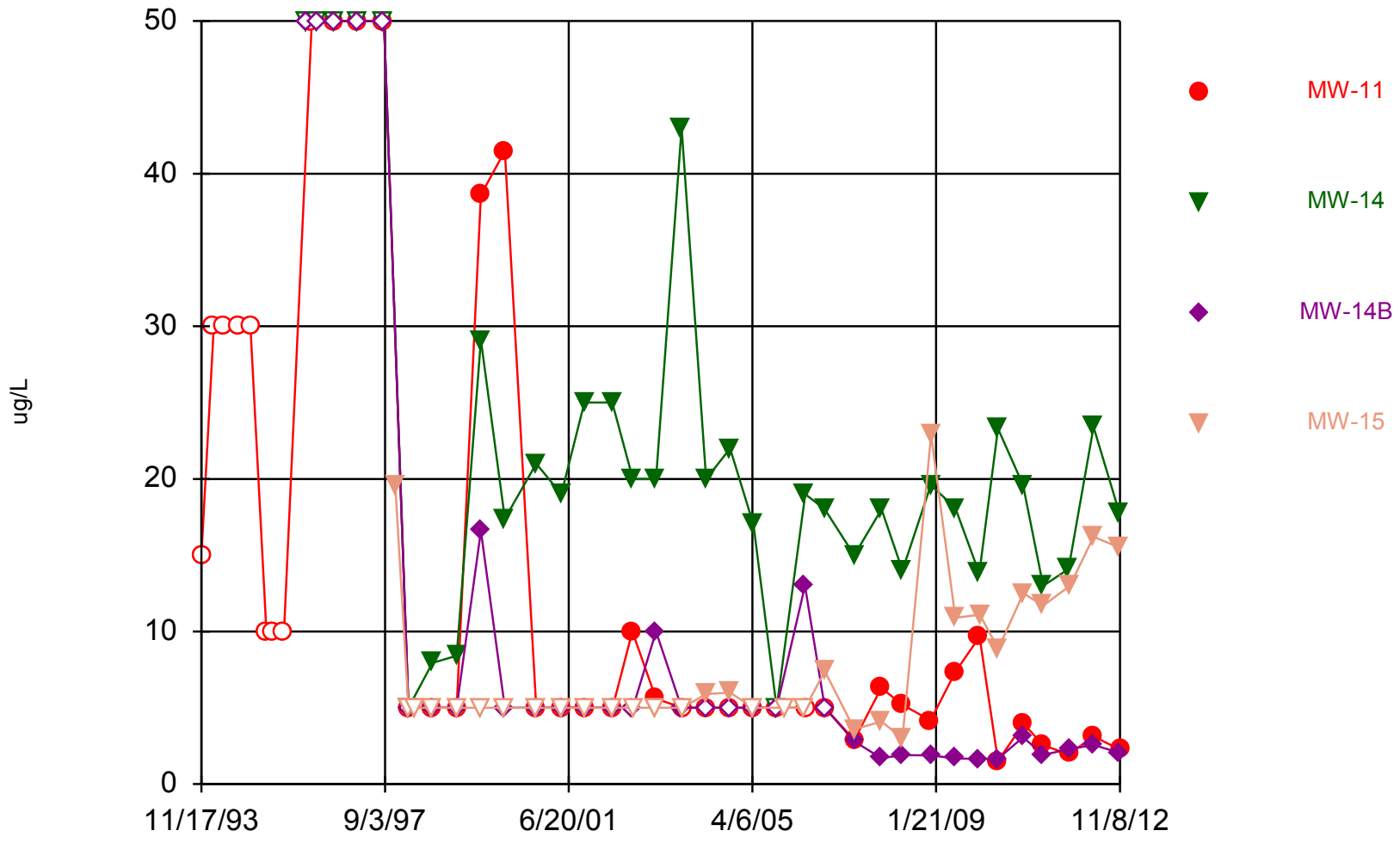


Constituent: Lead Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Nickel Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

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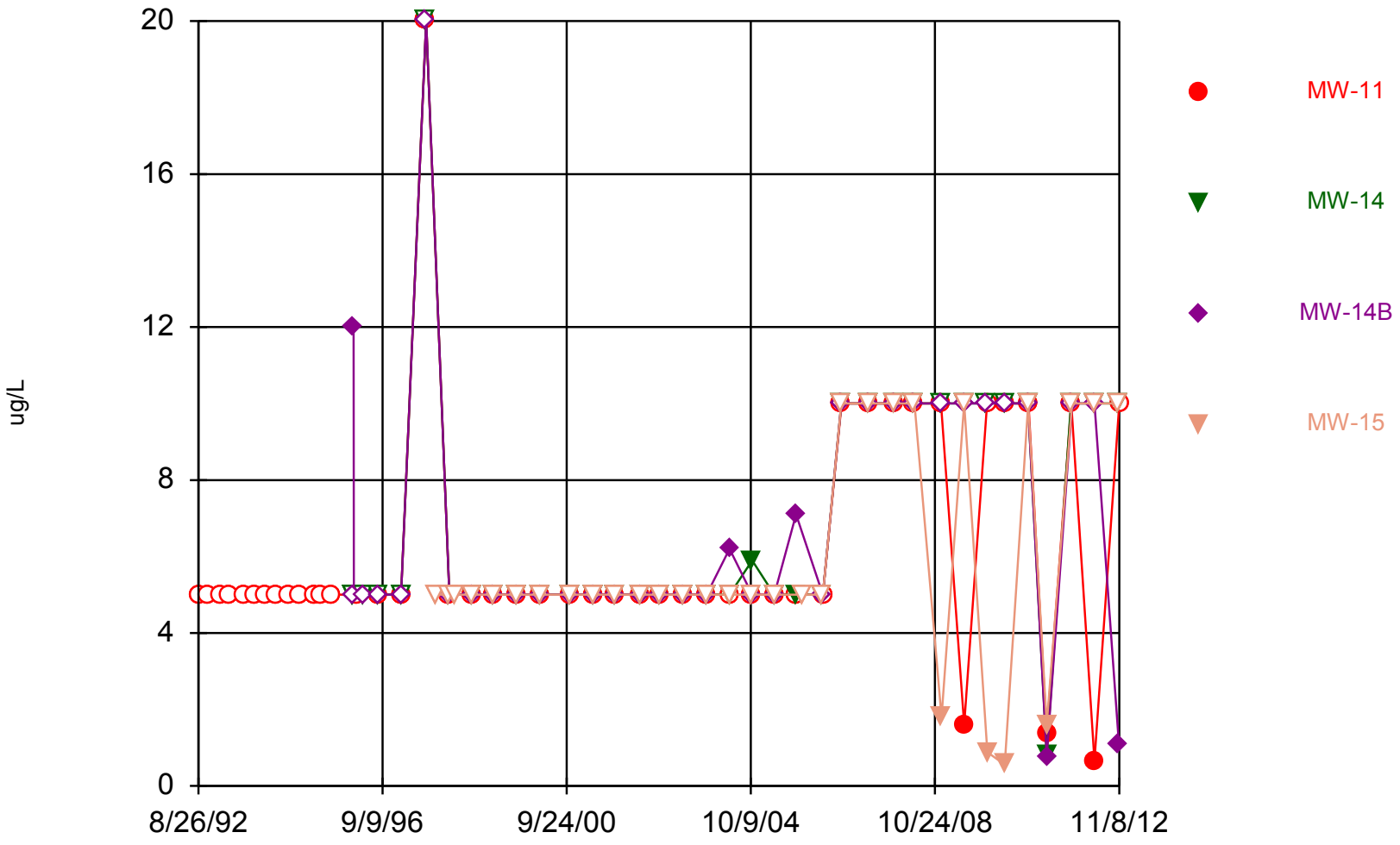
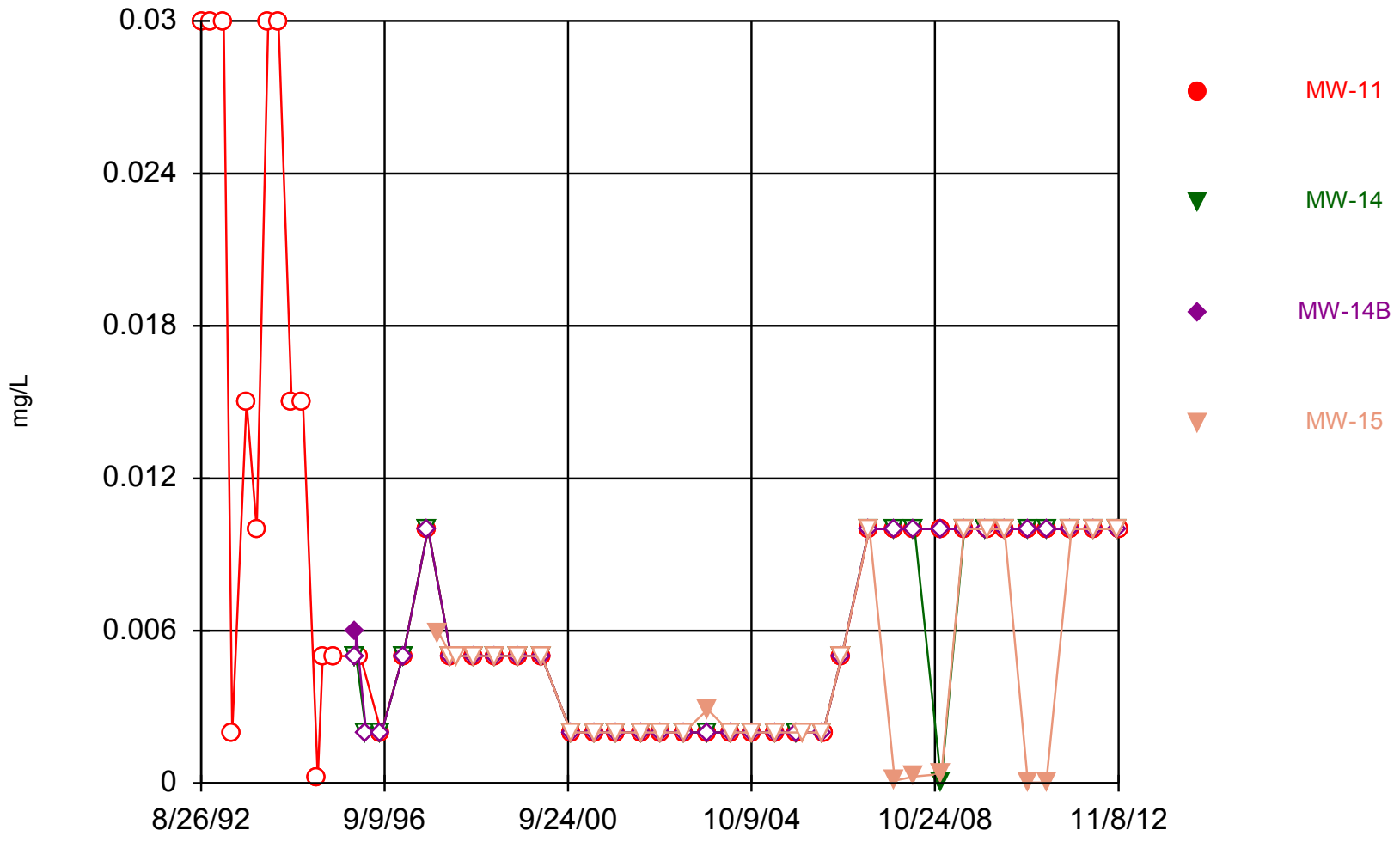


Constituent: Selenium Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

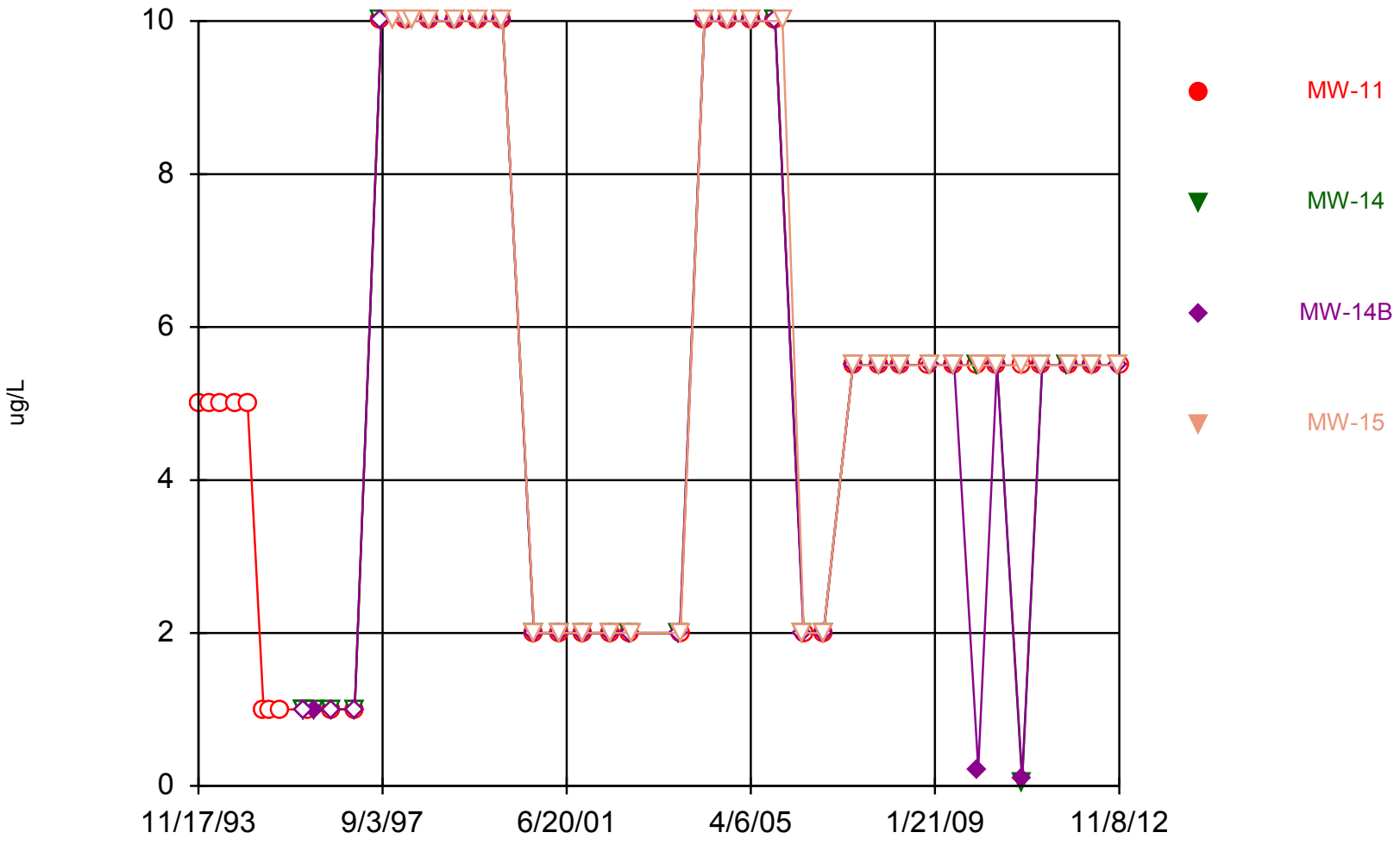


Constituent: Silver Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

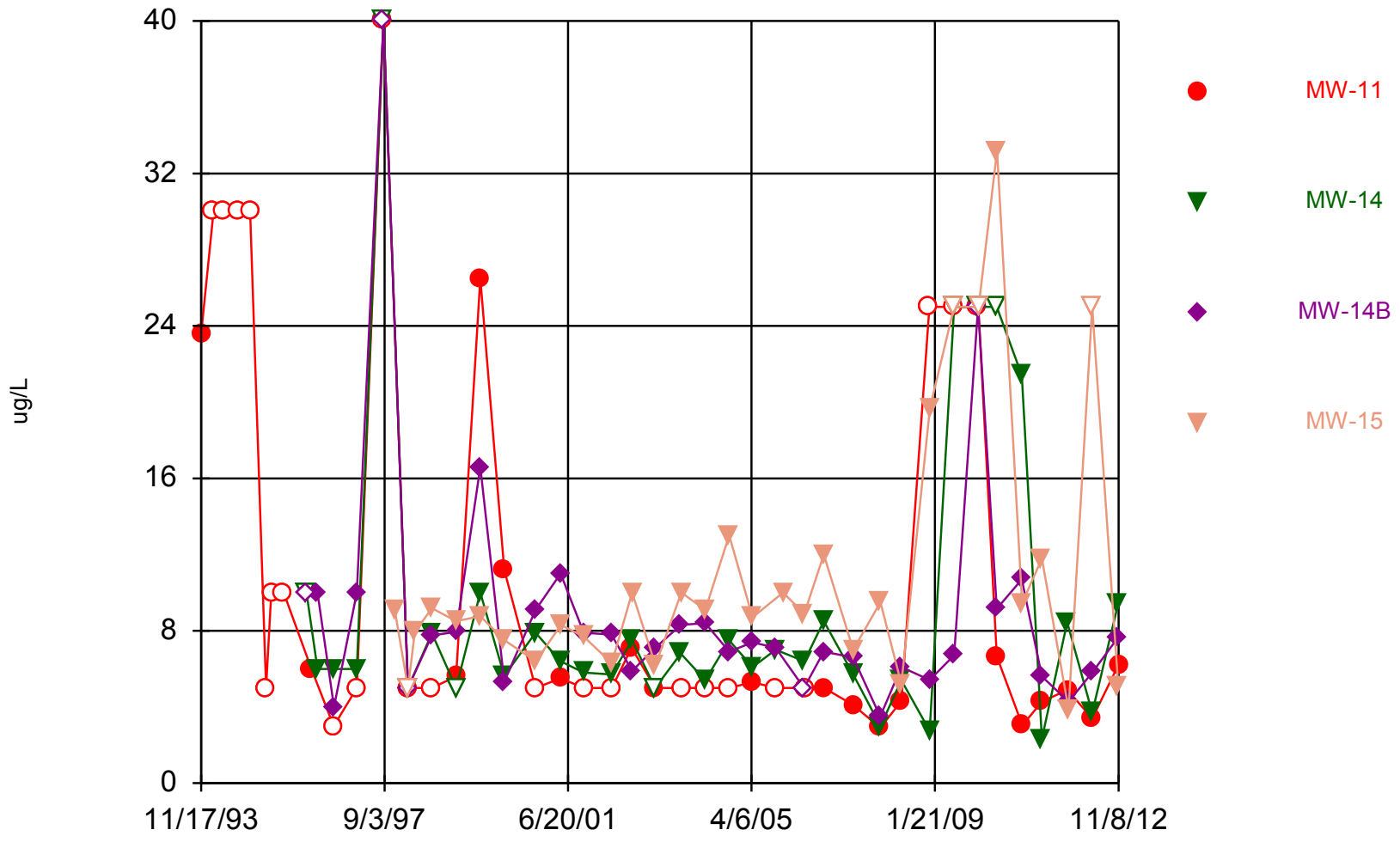


Constituent: Thallium Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

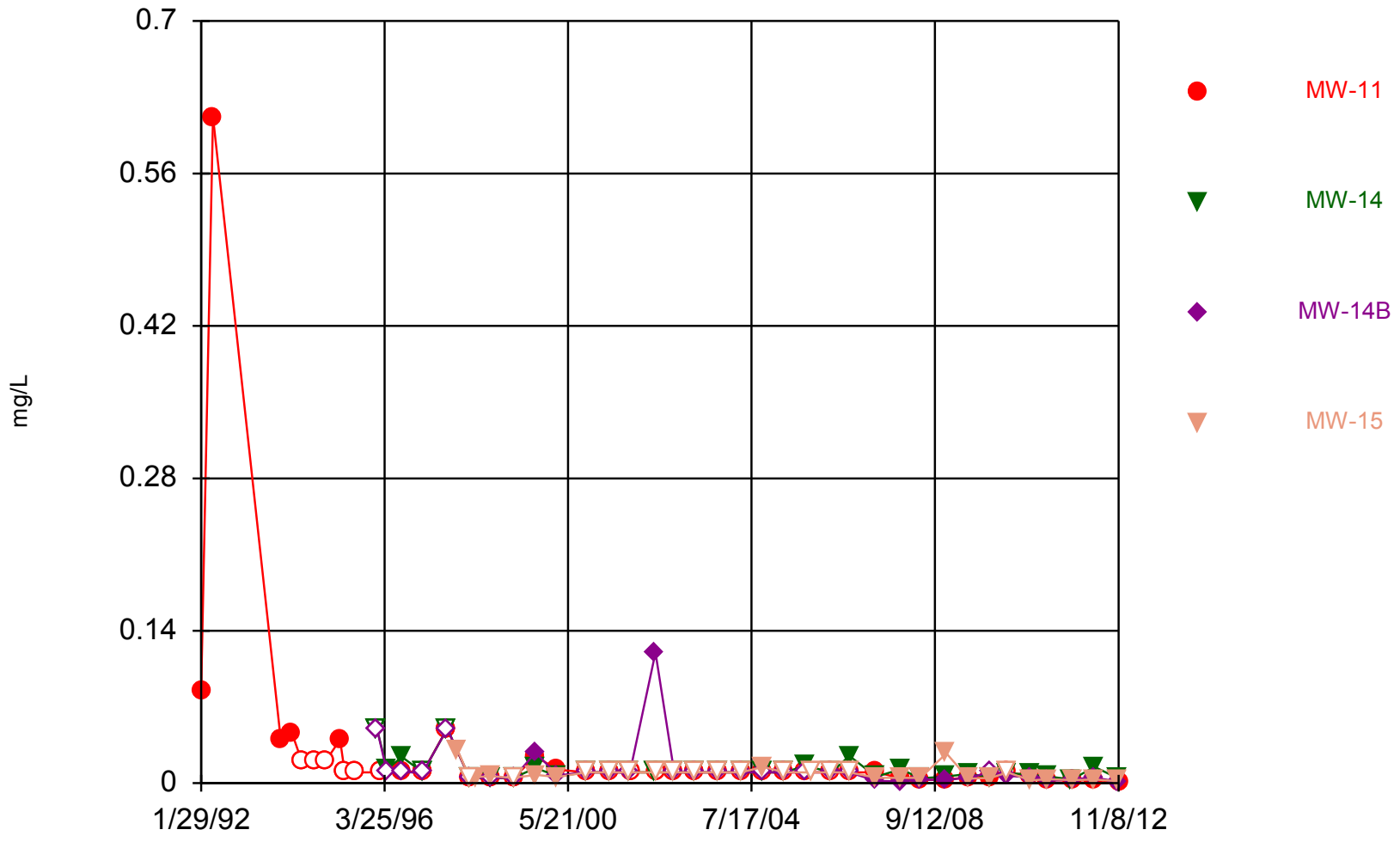


Constituent: Vanadium Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

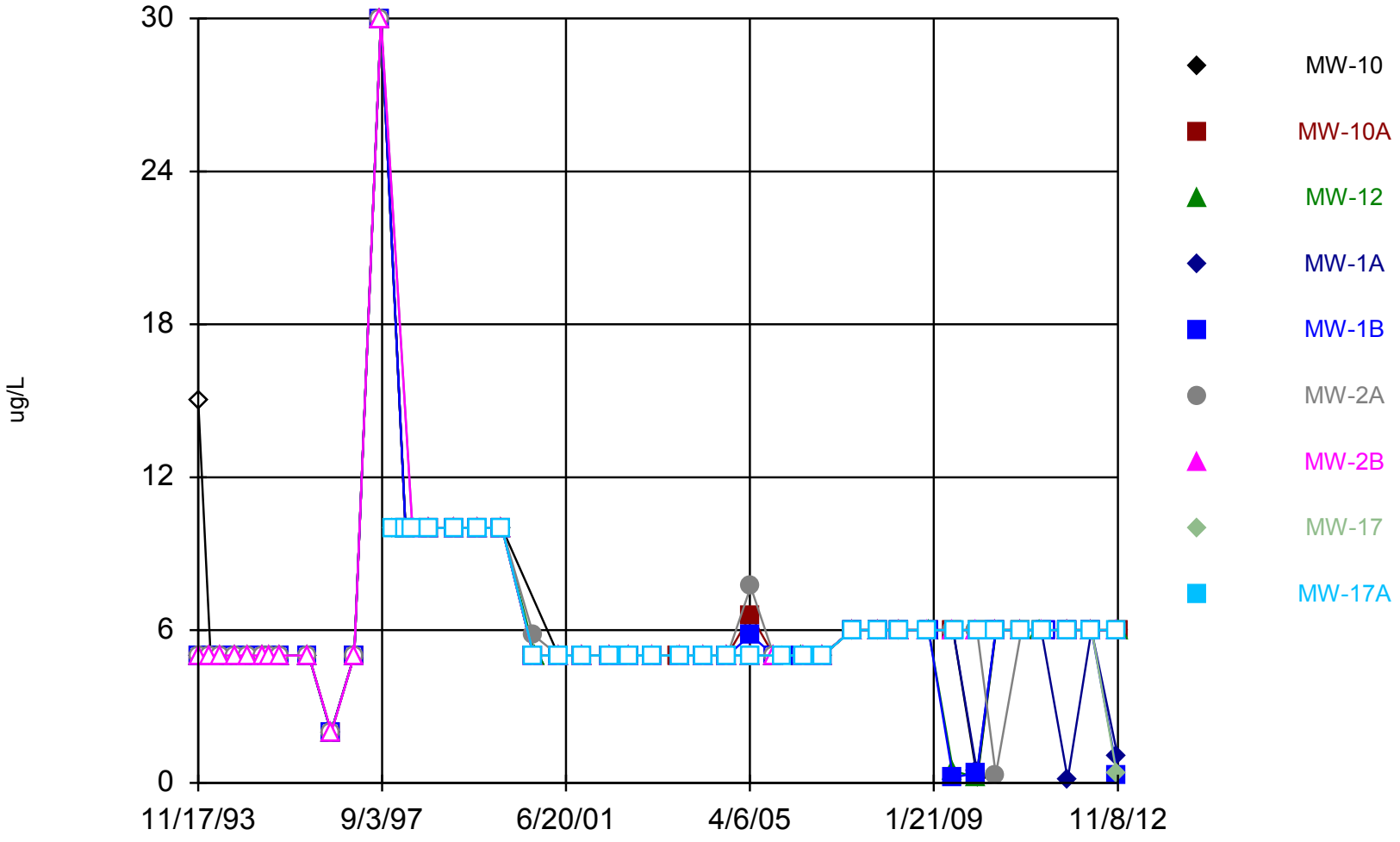


Constituent: Zinc Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

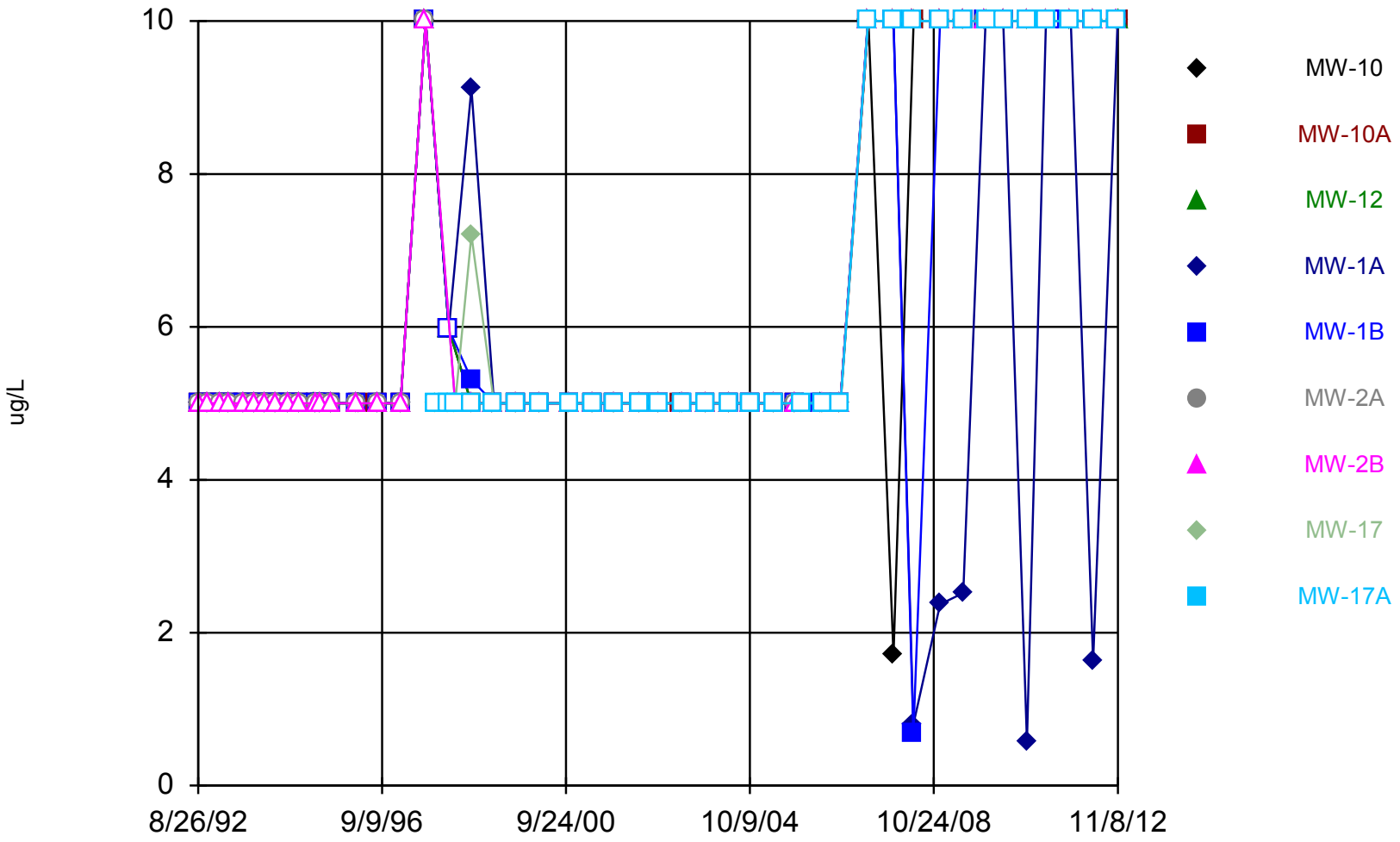


Constituent: Antimony Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

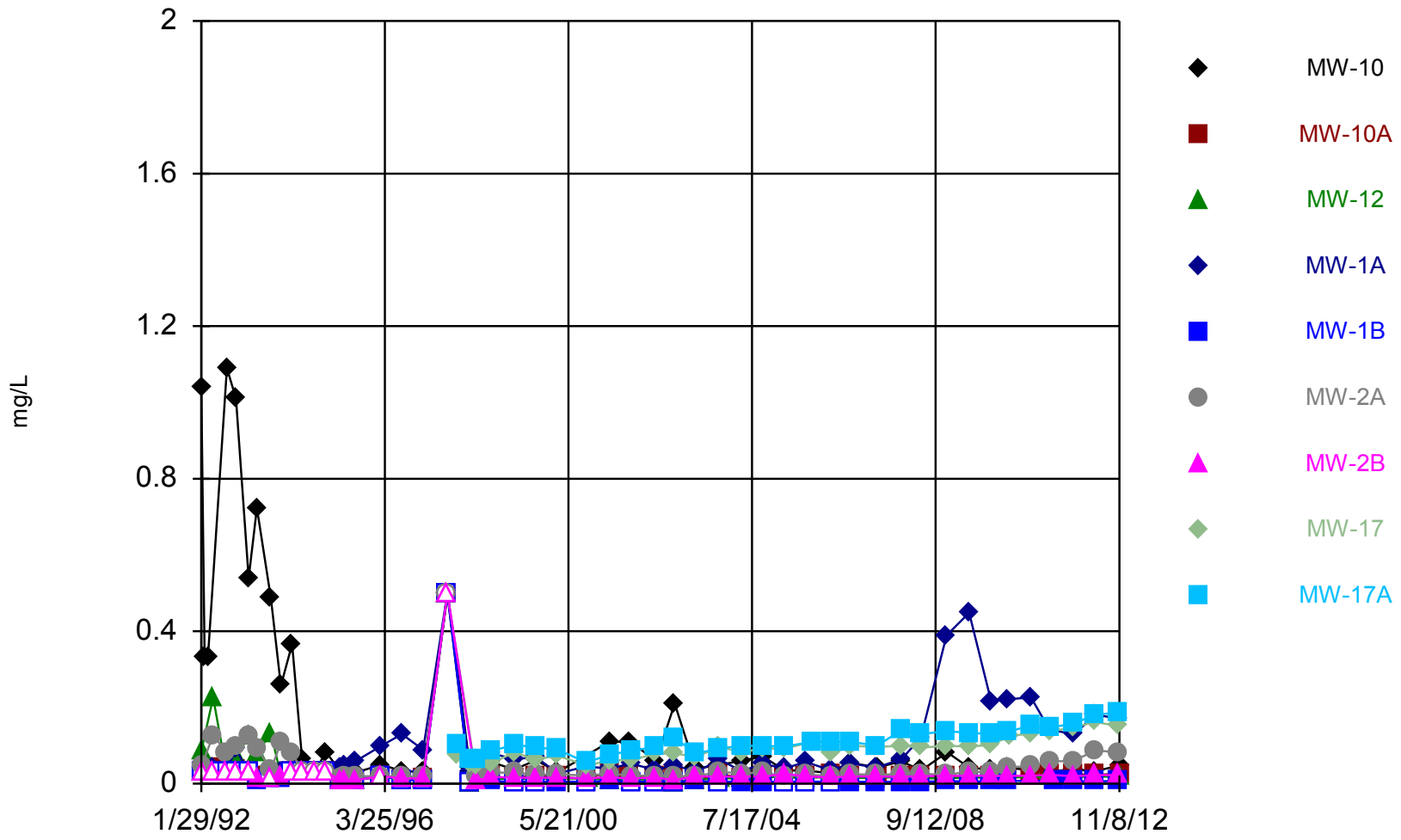


Constituent: Arsenic Total Analysis Run 11/28/2012 11:03 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

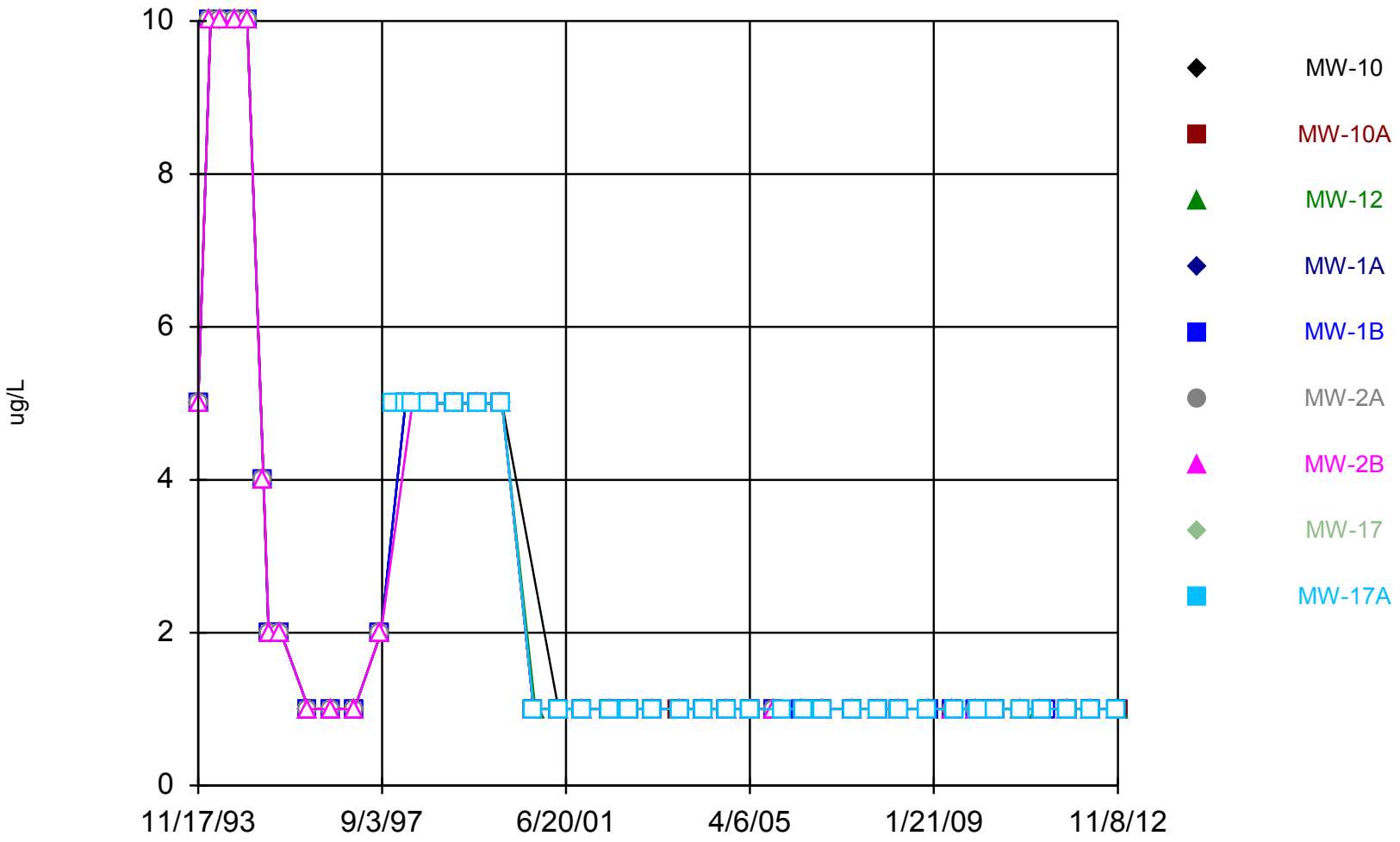


Constituent: Barium Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

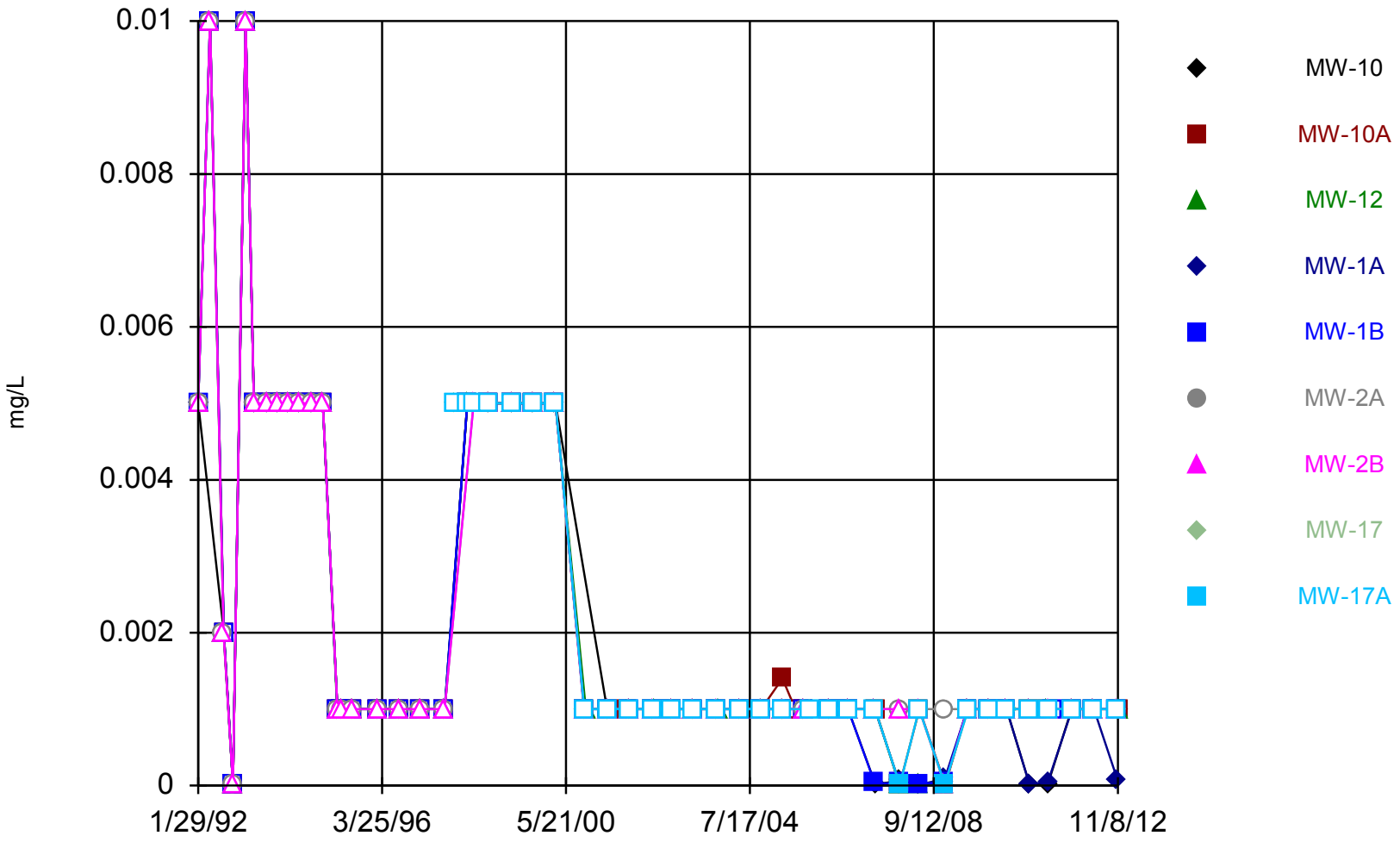


Constituent: Beryllium Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

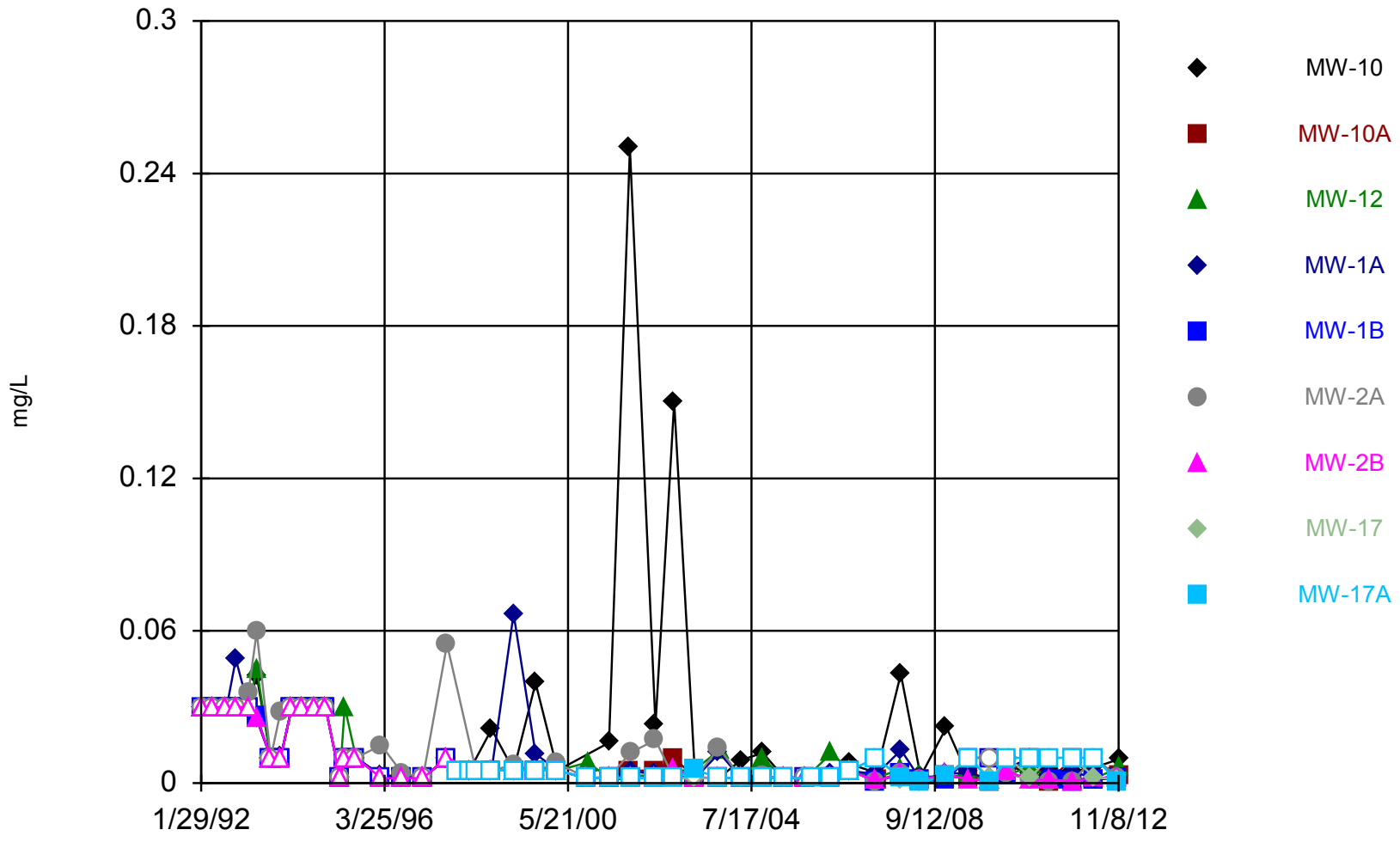


Constituent: Cadmium Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

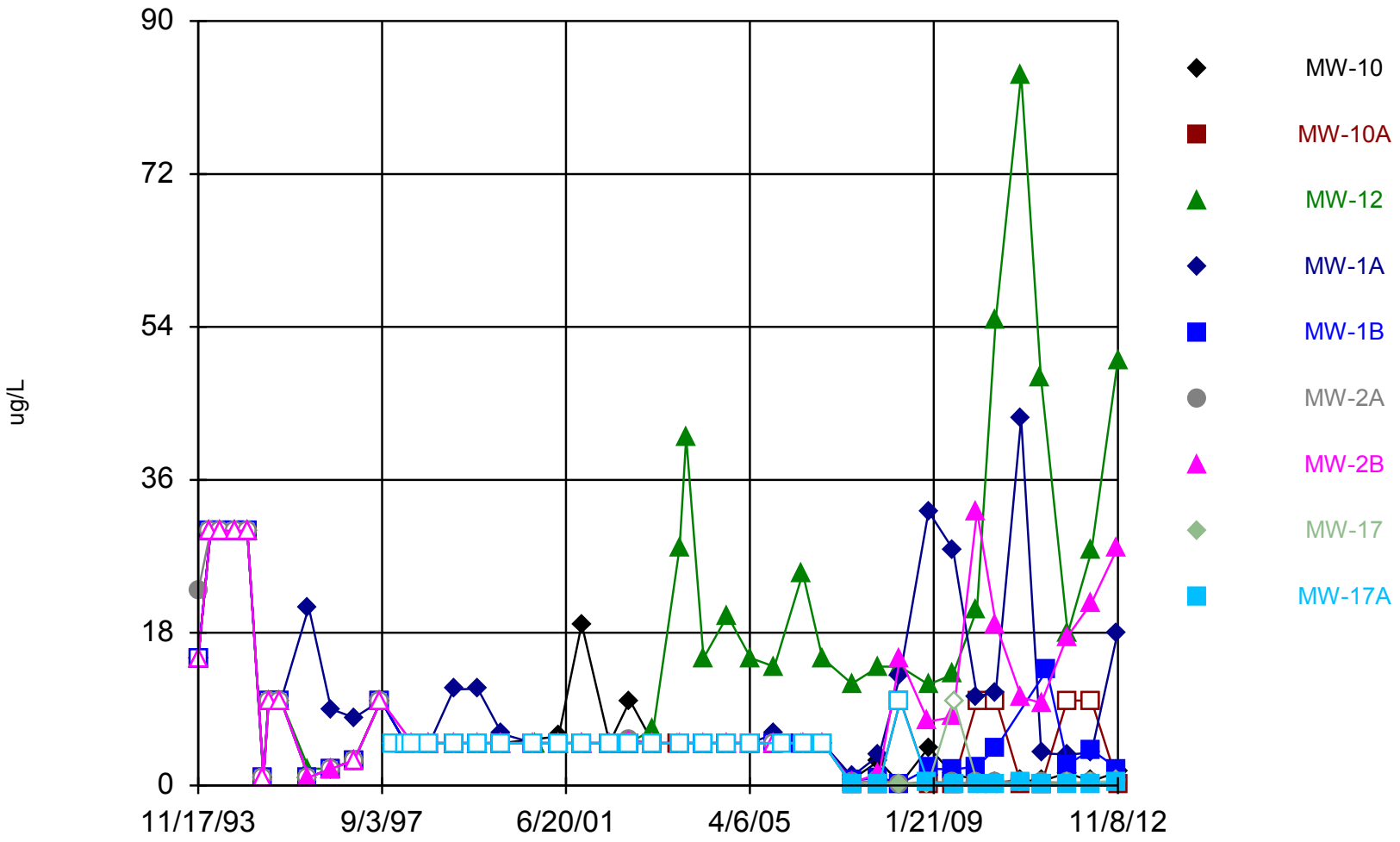


Constituent: Chromium Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

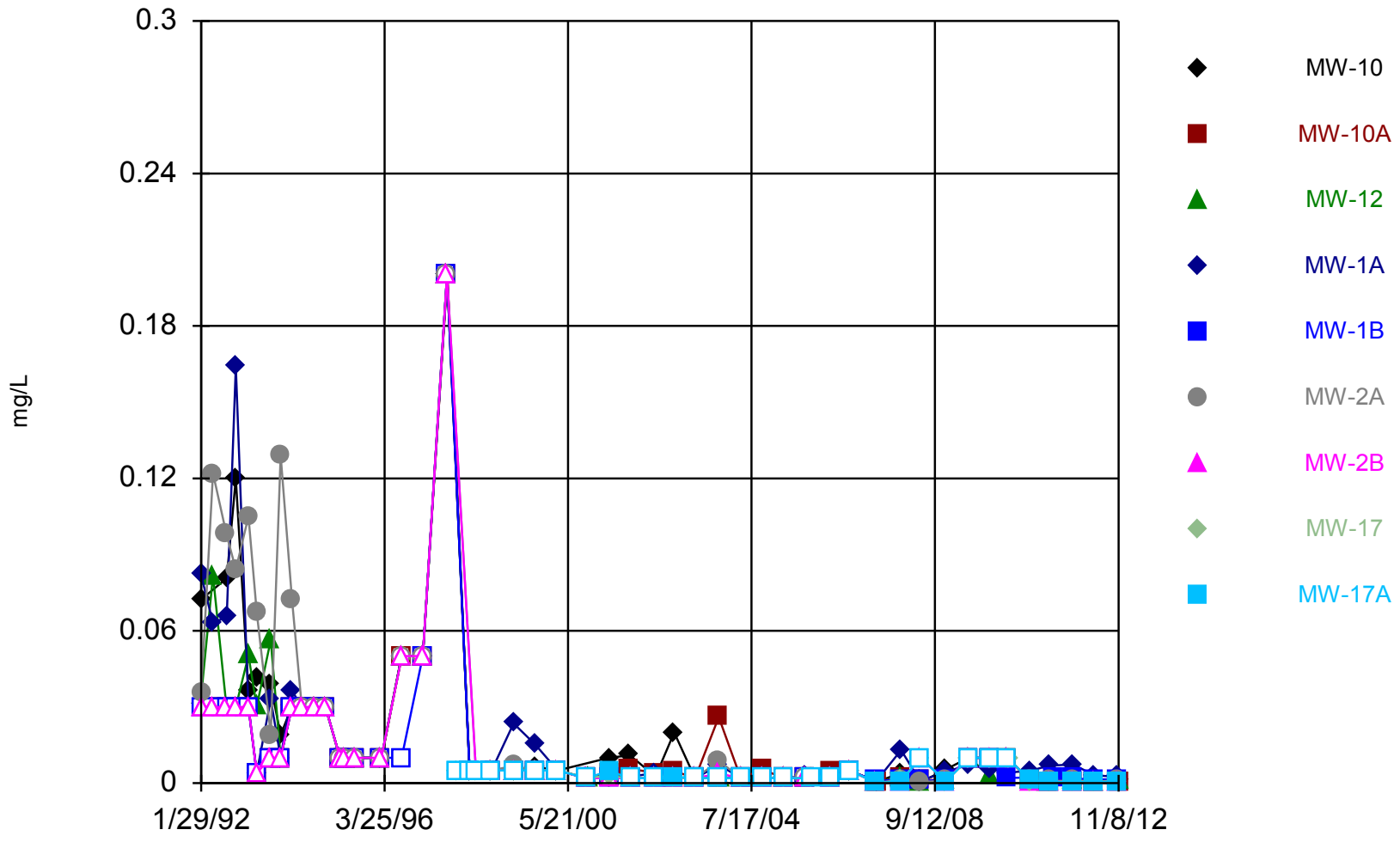


Constituent: Cobalt Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

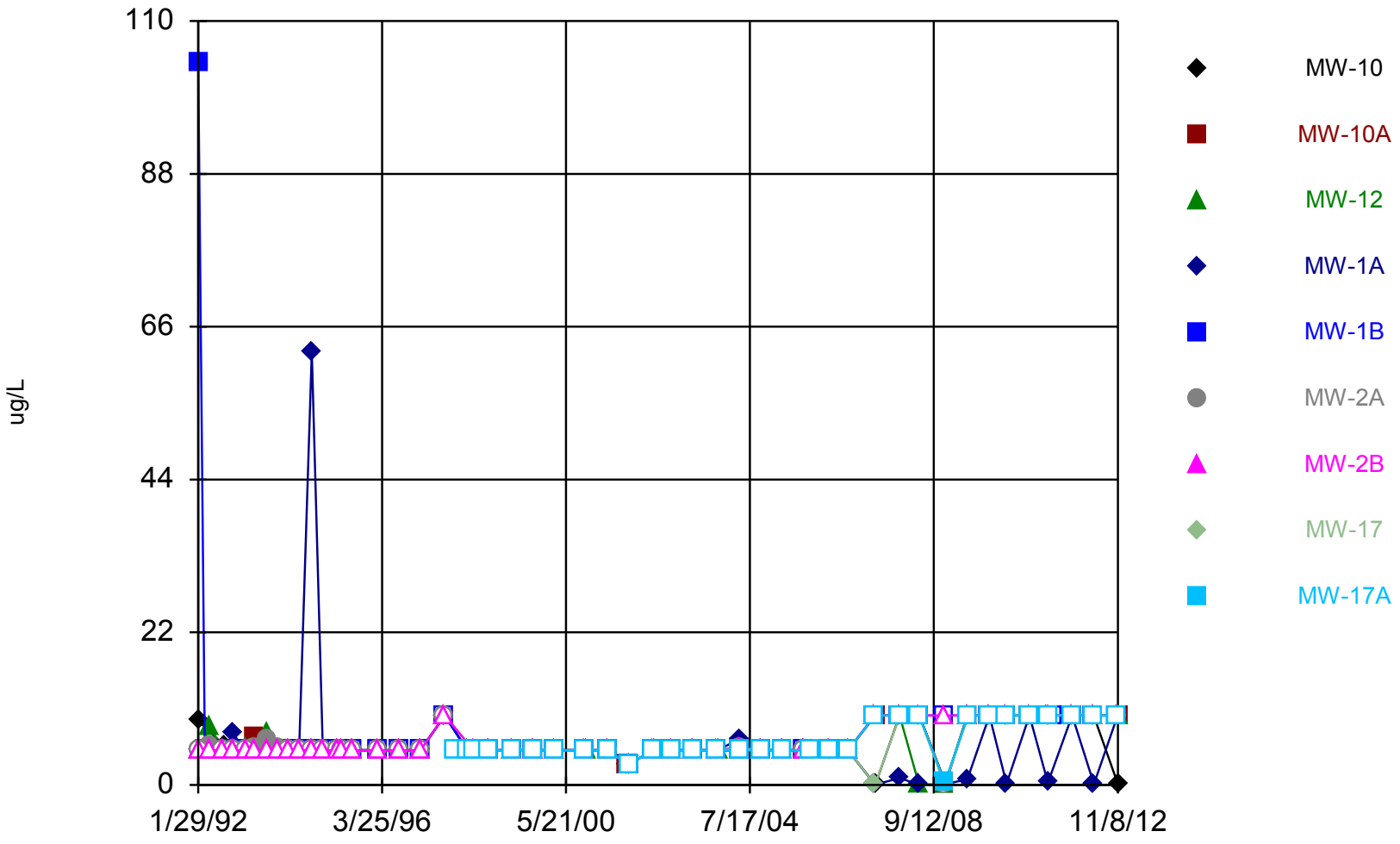


Constituent: Copper Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

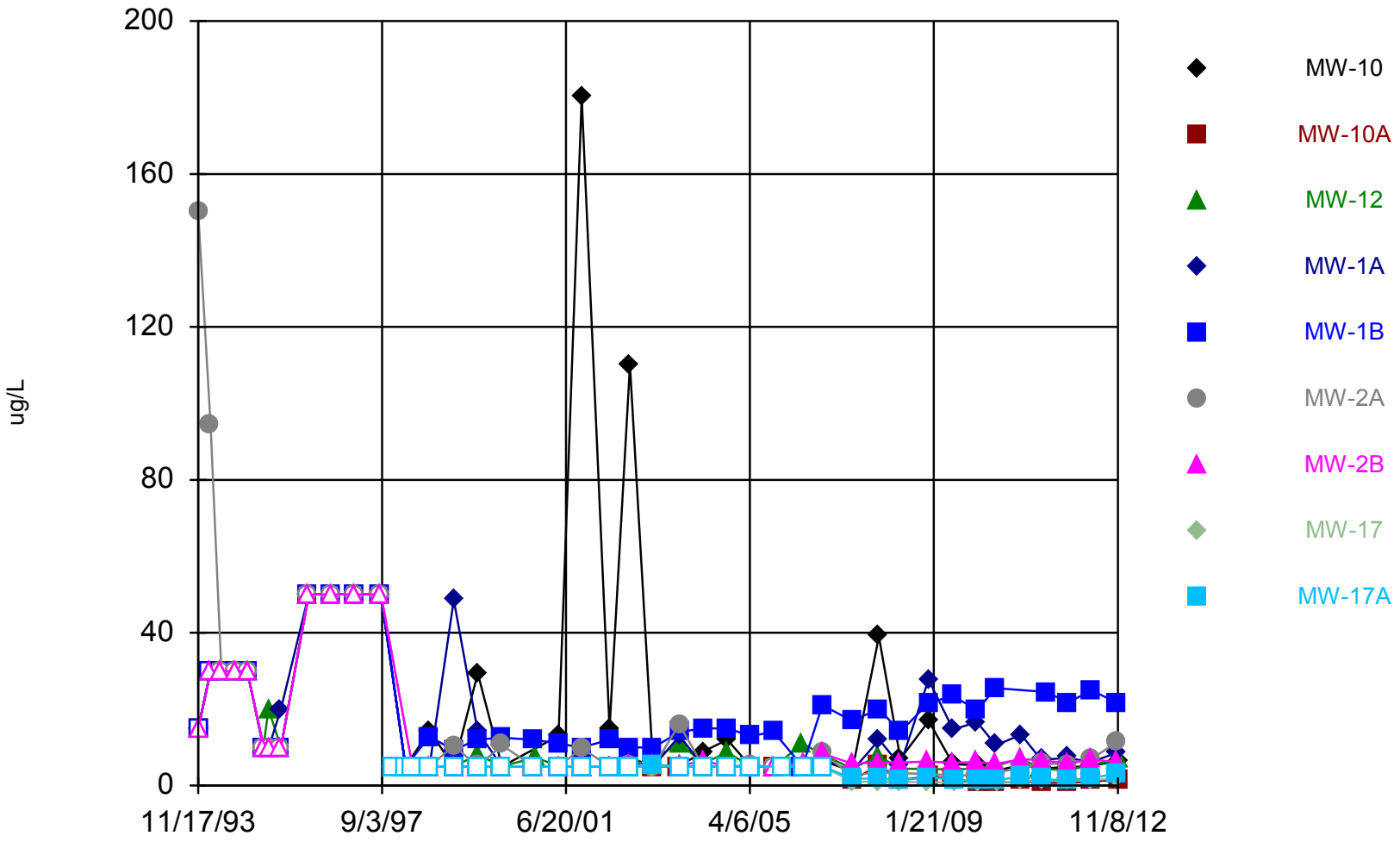


Constituent: Lead Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

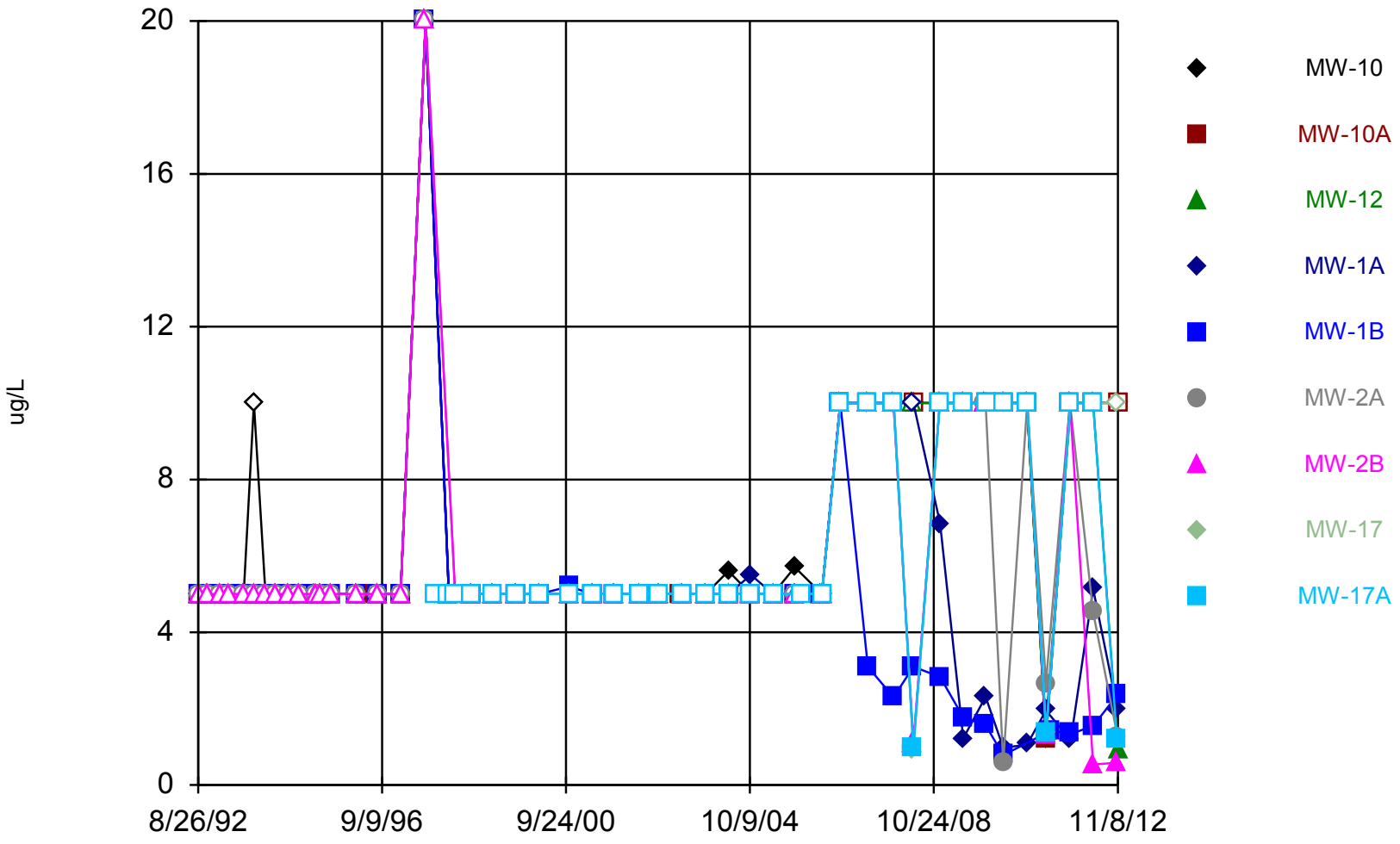


Constituent: Nickel Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

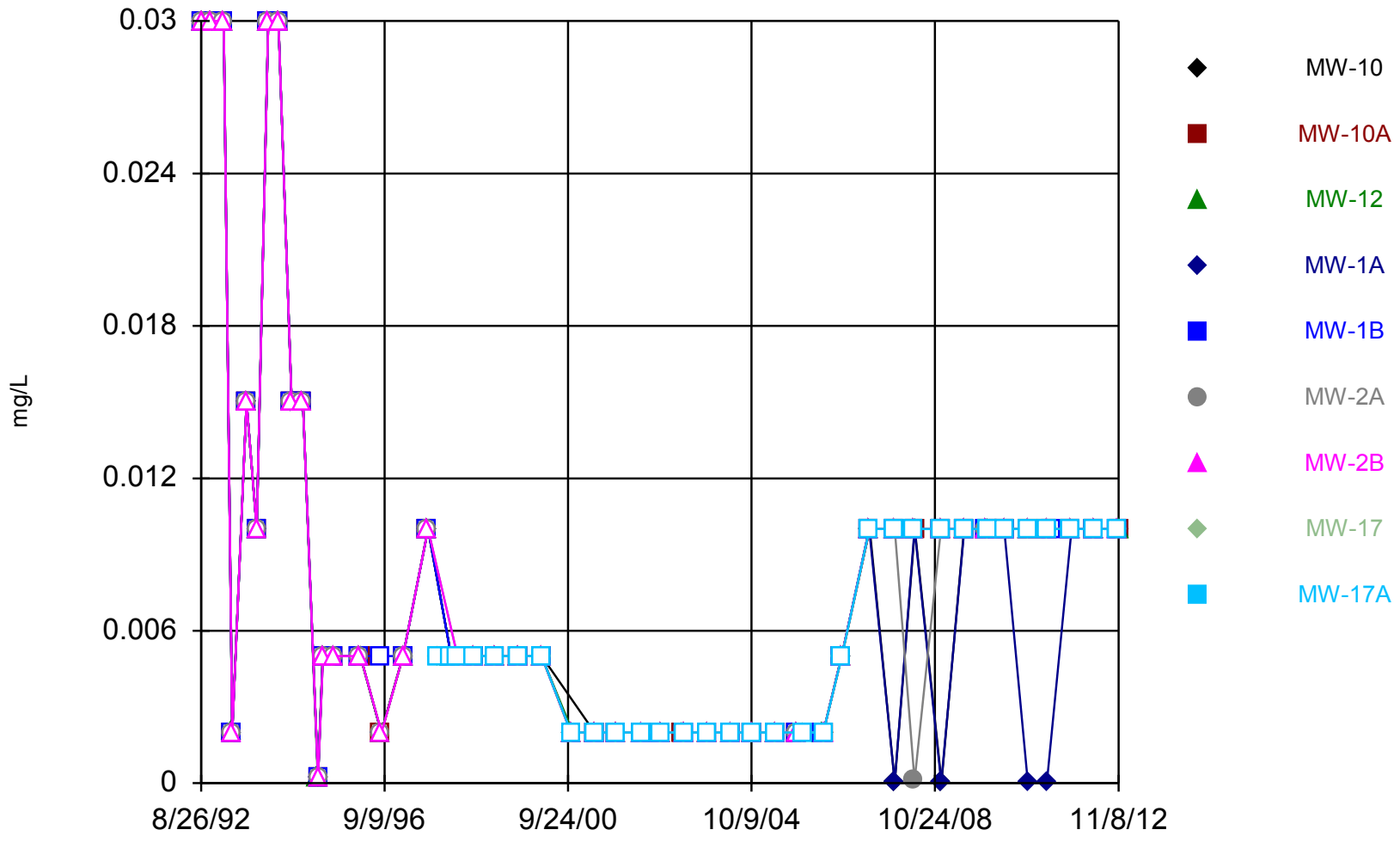


Constituent: Selenium Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

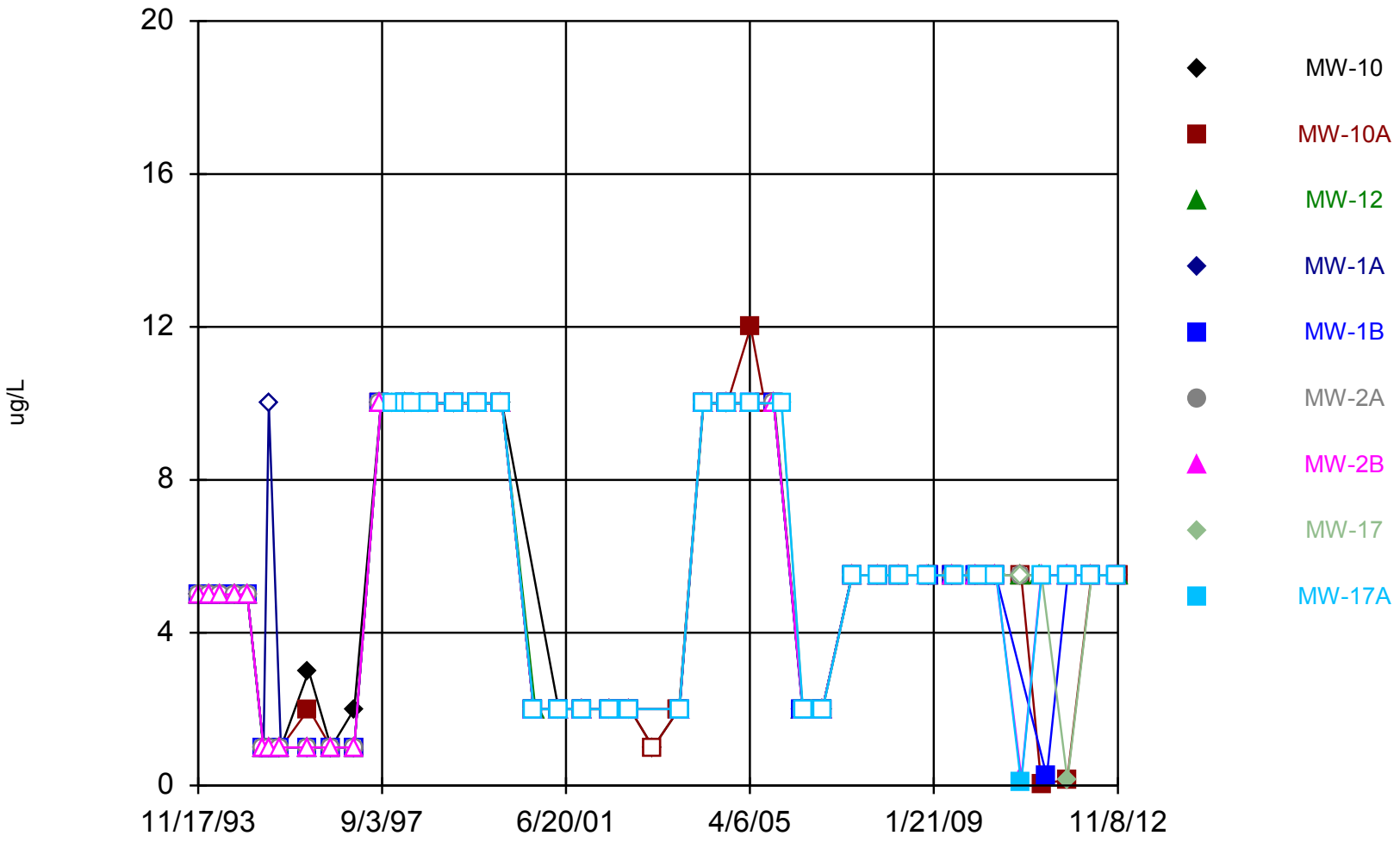


Constituent: Silver Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

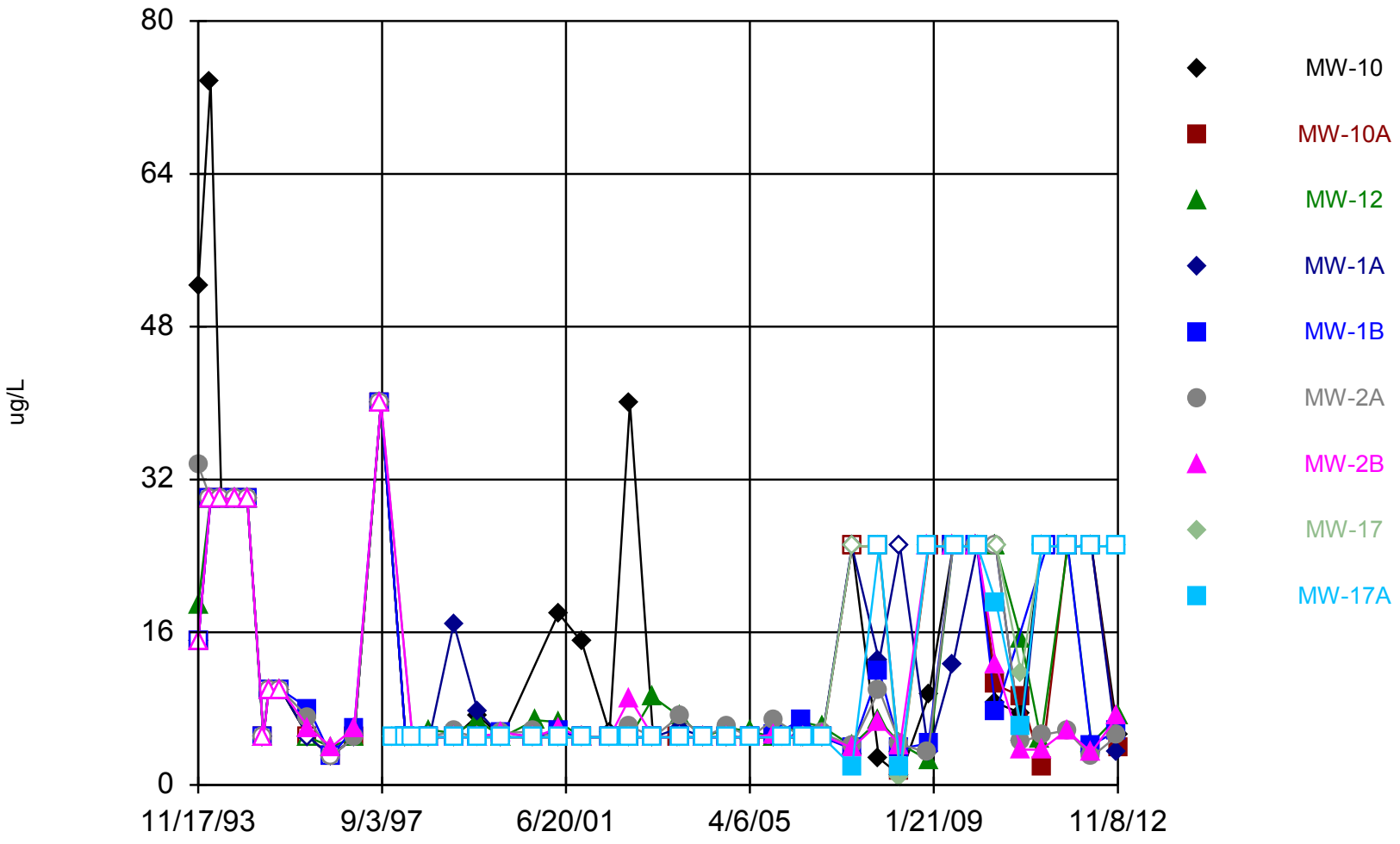


Constituent: Thallium Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

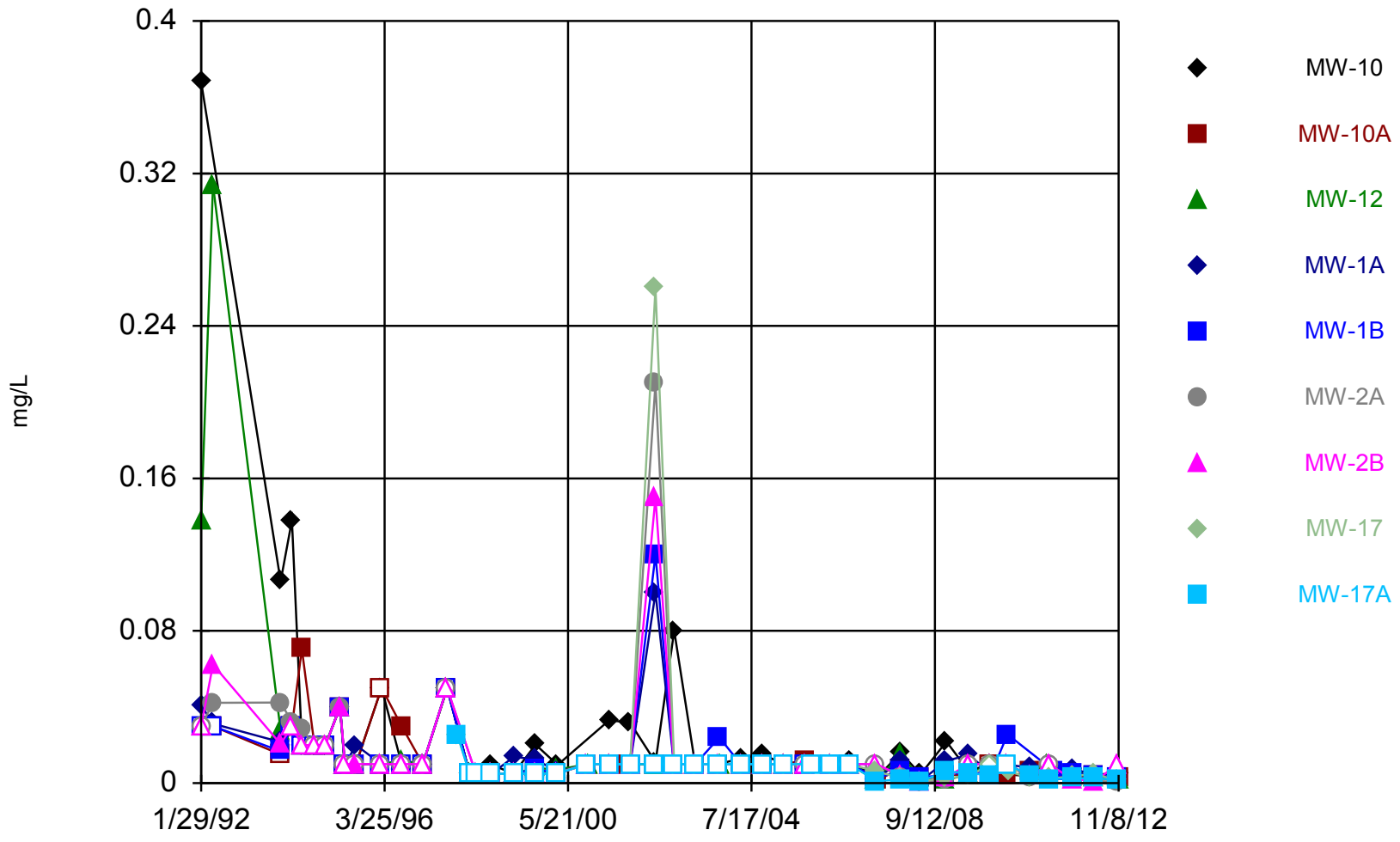


Constituent: Vanadium Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

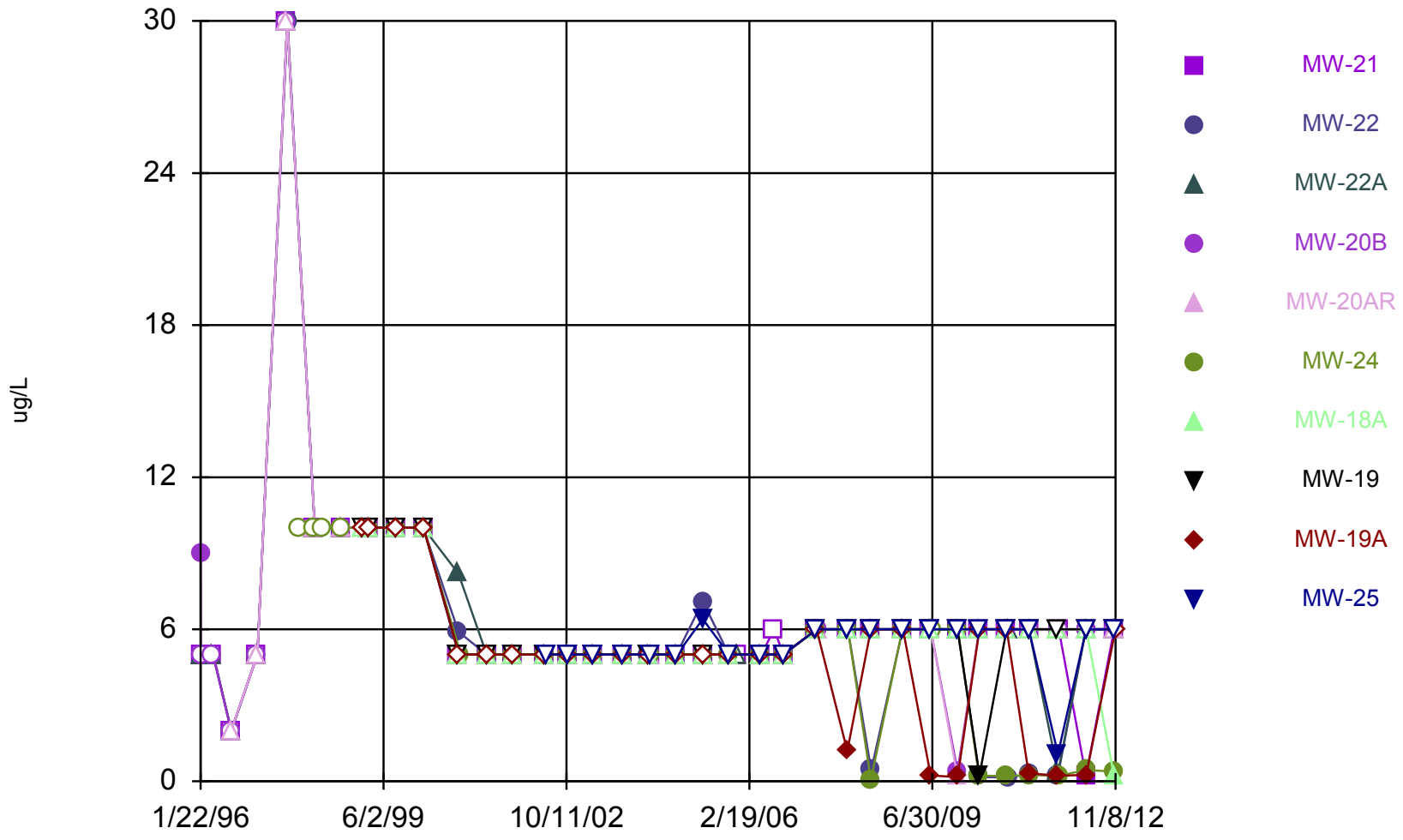


Constituent: Zinc Total Analysis Run 11/28/2012 11:04 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

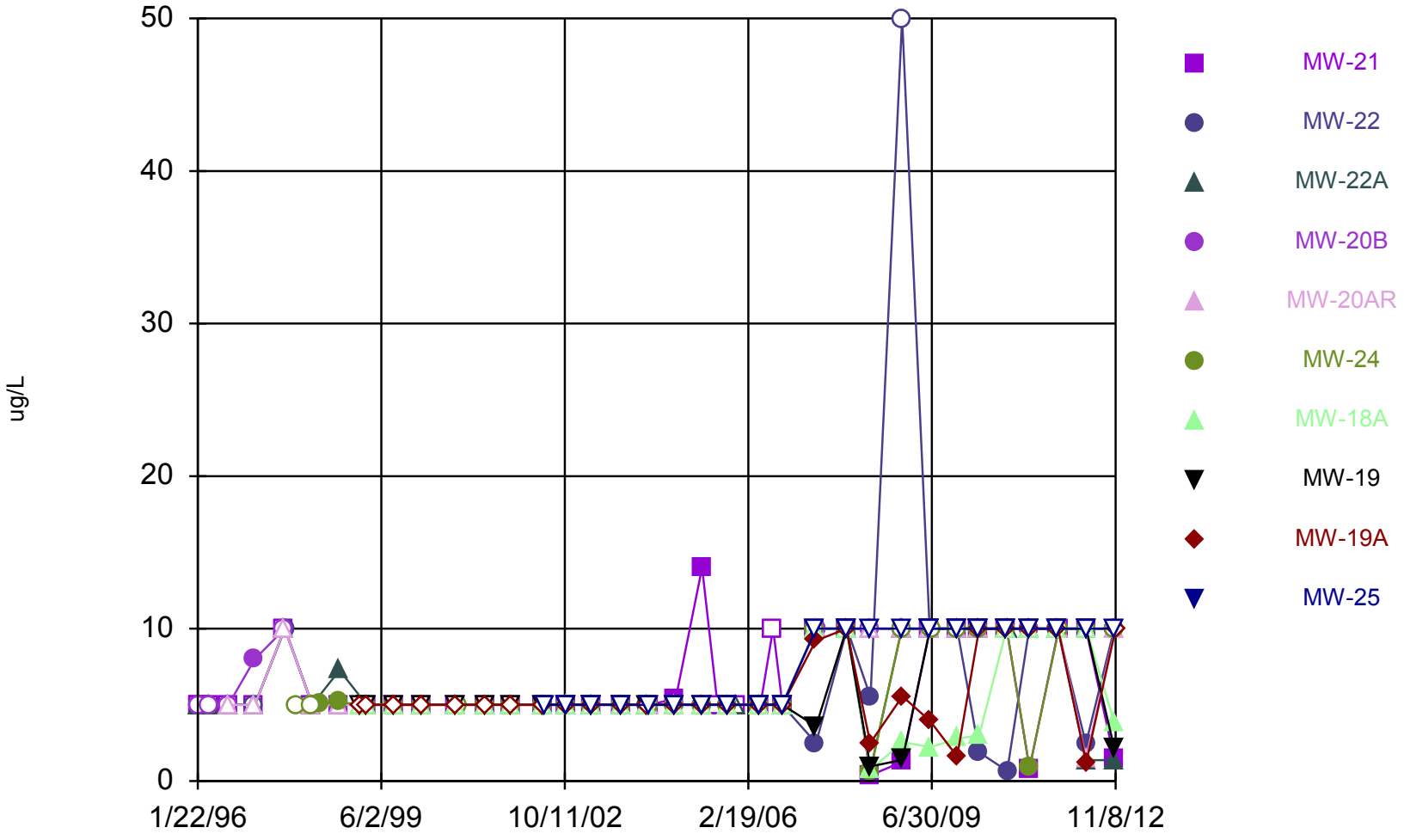


Constituent: Antimony Total Analysis Run 11/28/2012 11:05 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

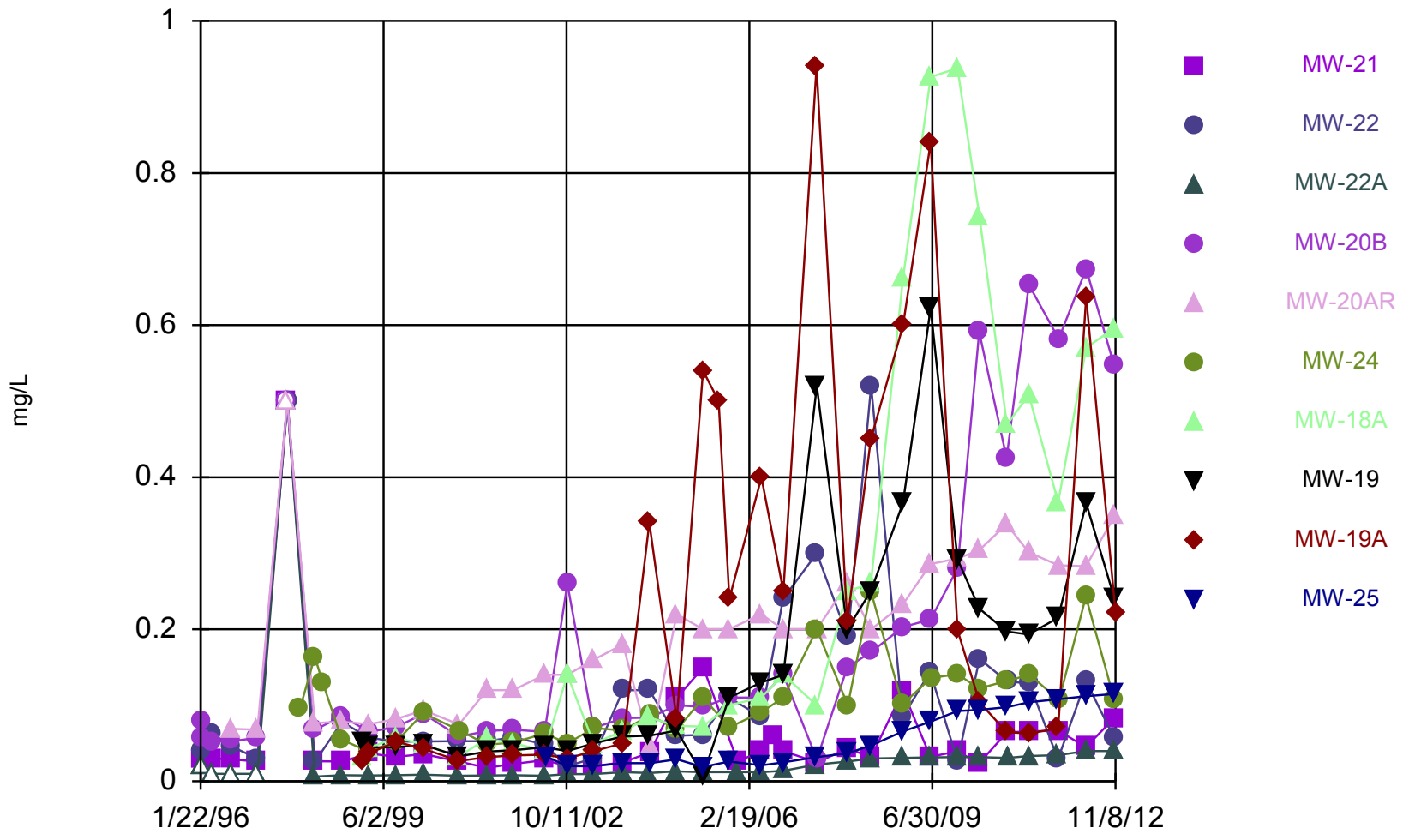


Constituent: Arsenic Total Analysis Run 11/28/2012 11:05 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

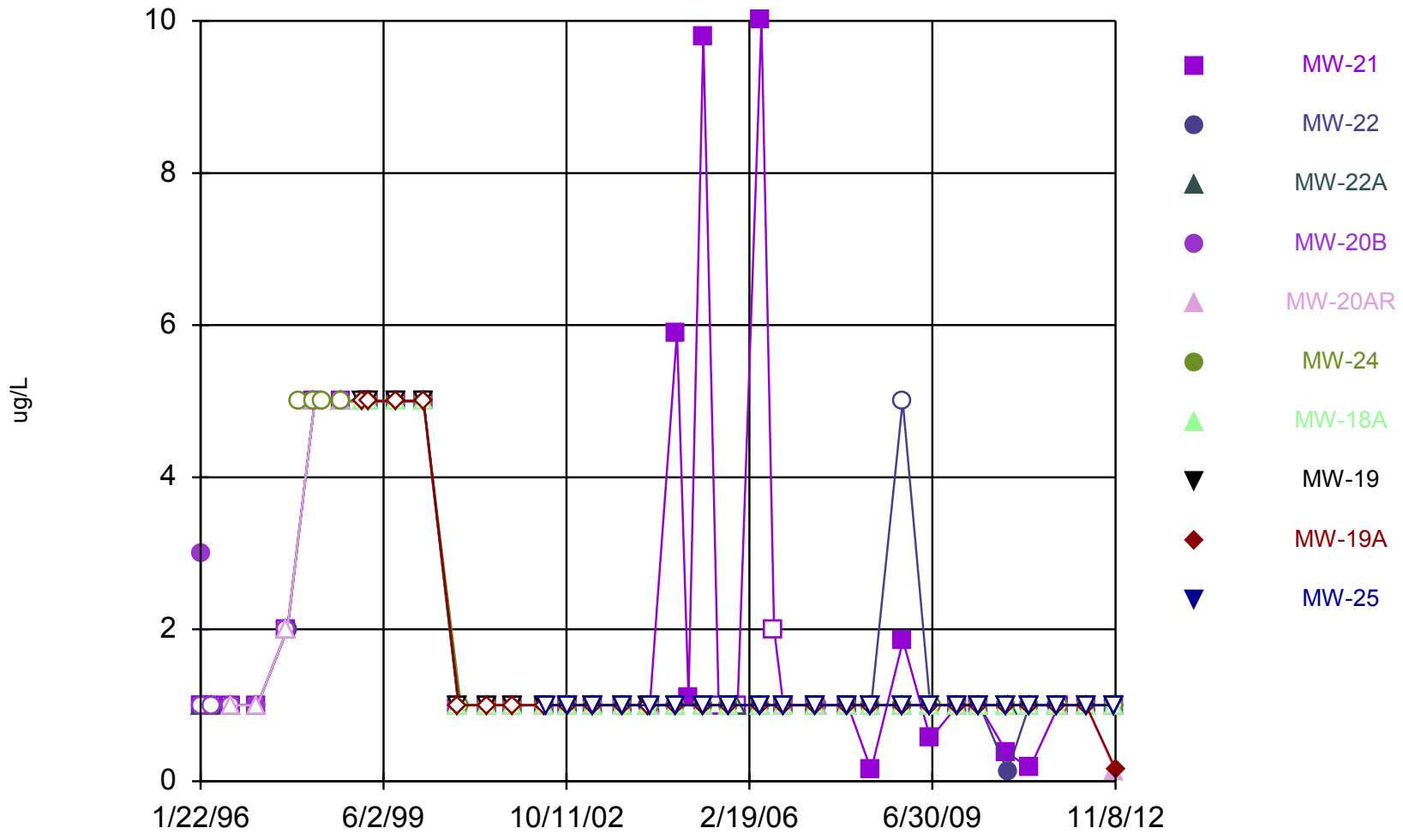


Constituent: Barium Total Analysis Run 11/28/2012 11:05 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

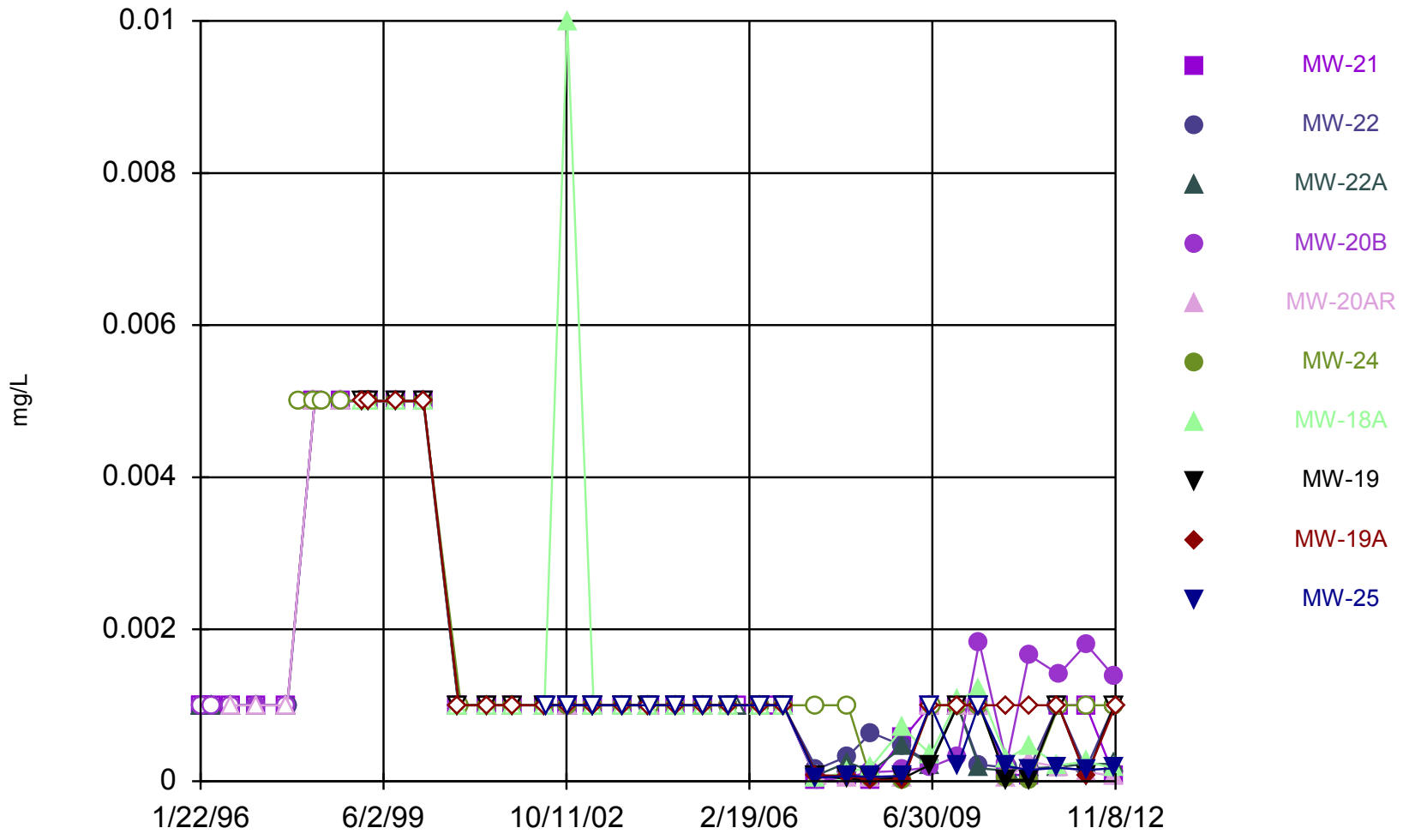


Constituent: Beryllium Total Analysis Run 11/28/2012 11:05 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

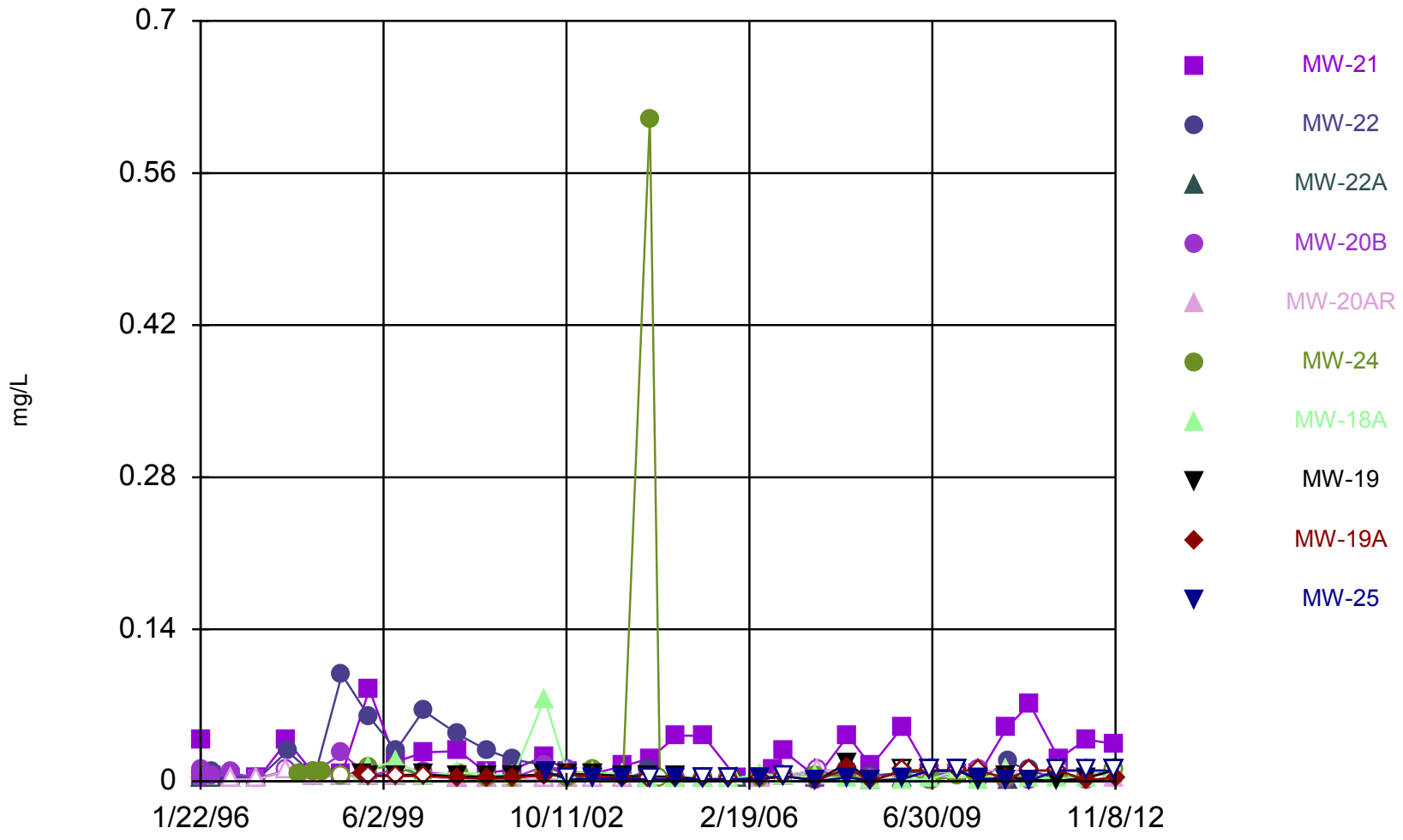


Constituent: Cadmium Total Analysis Run 11/28/2012 11:05 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

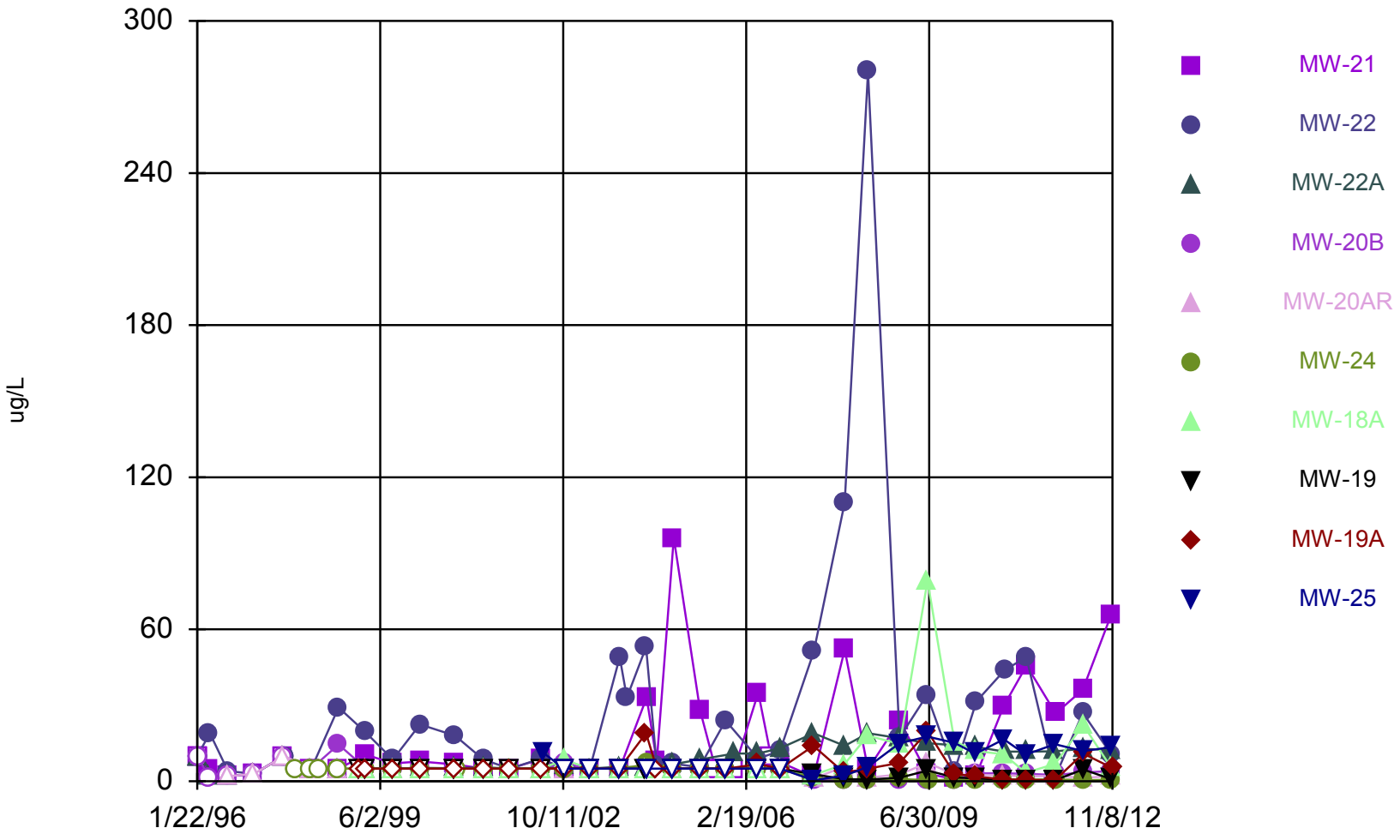


Constituent: Chromium Total Analysis Run 11/28/2012 11:05 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

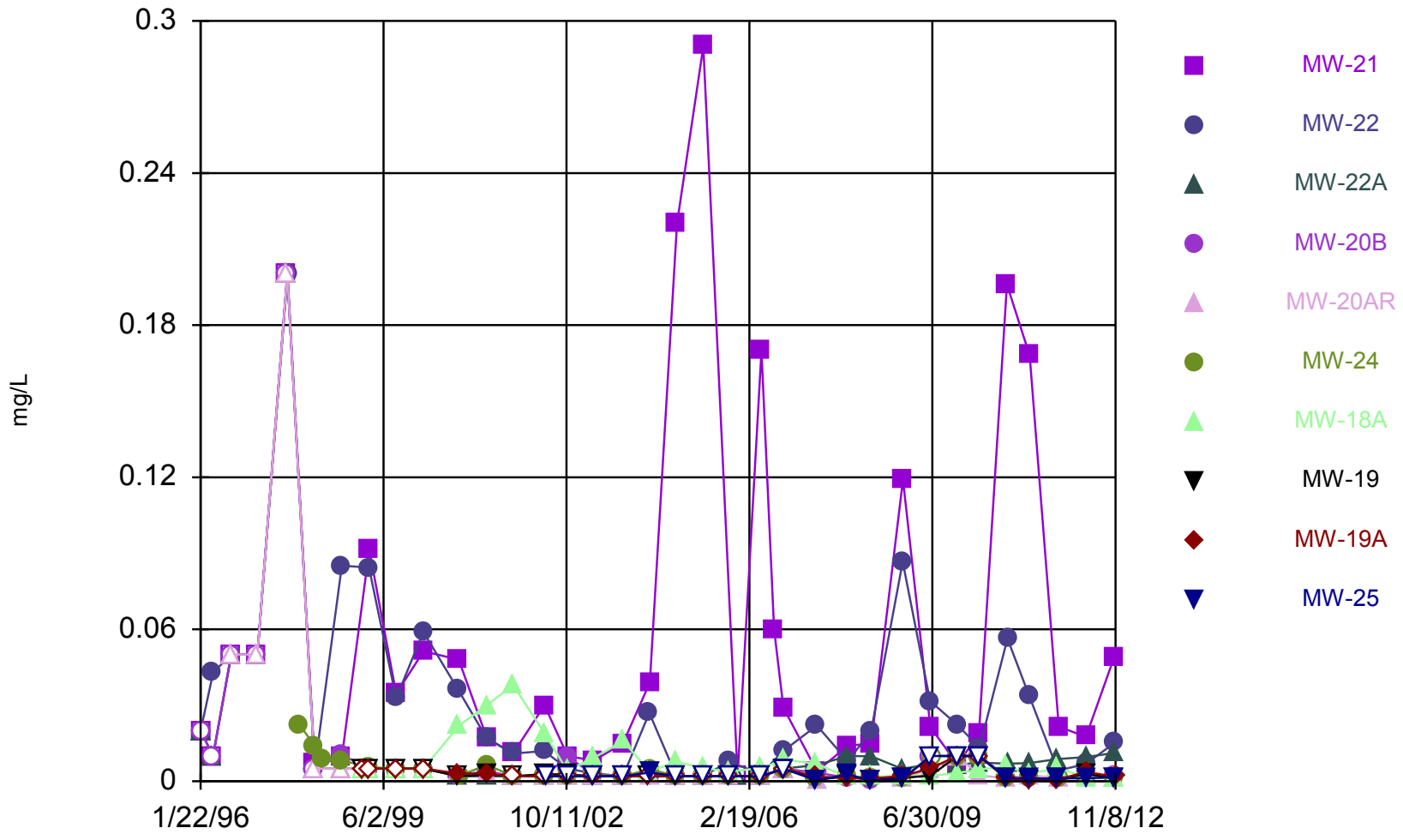


Constituent: Cobalt Total Analysis Run 11/28/2012 11:05 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

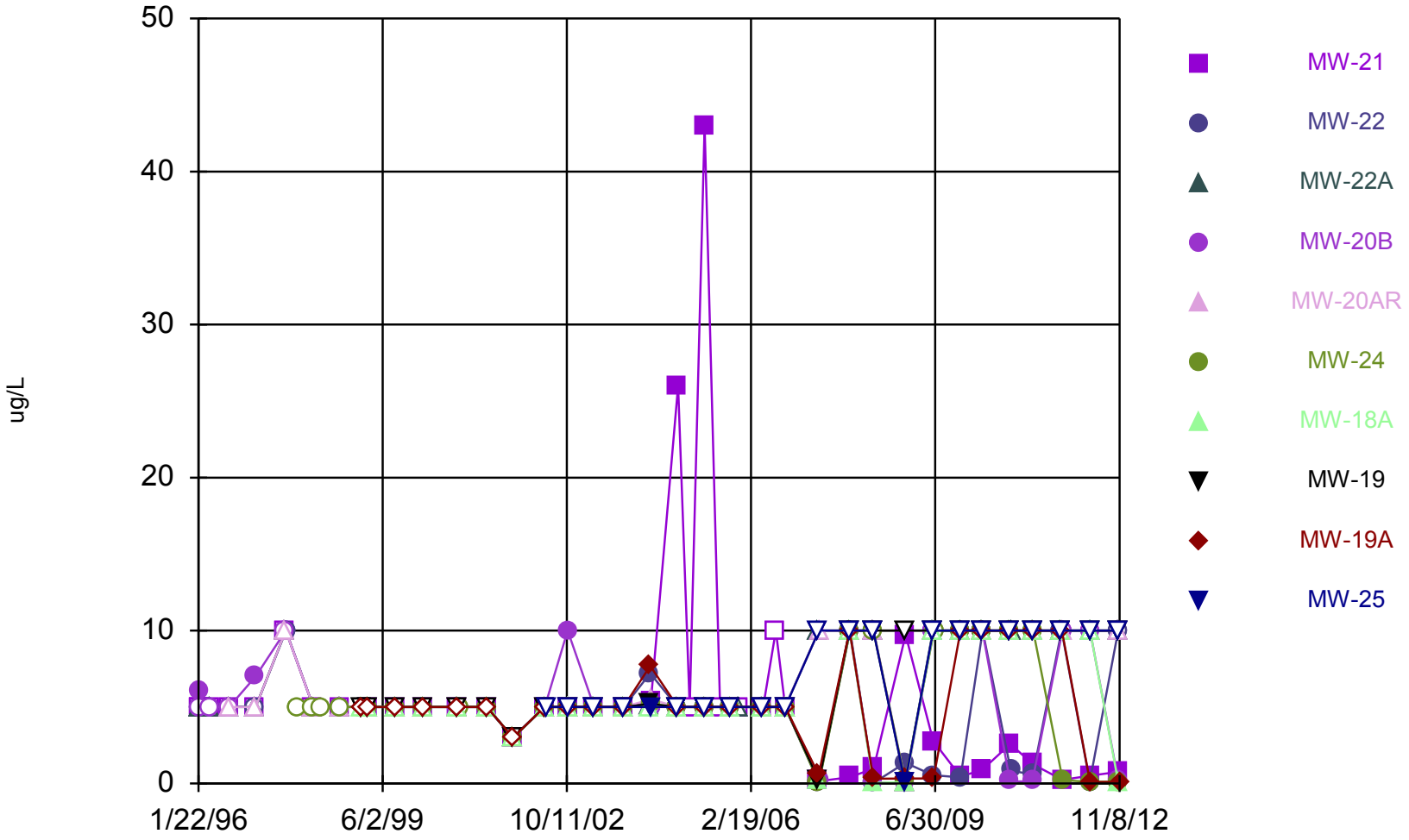


Constituent: Copper Total Analysis Run 11/28/2012 11:05 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

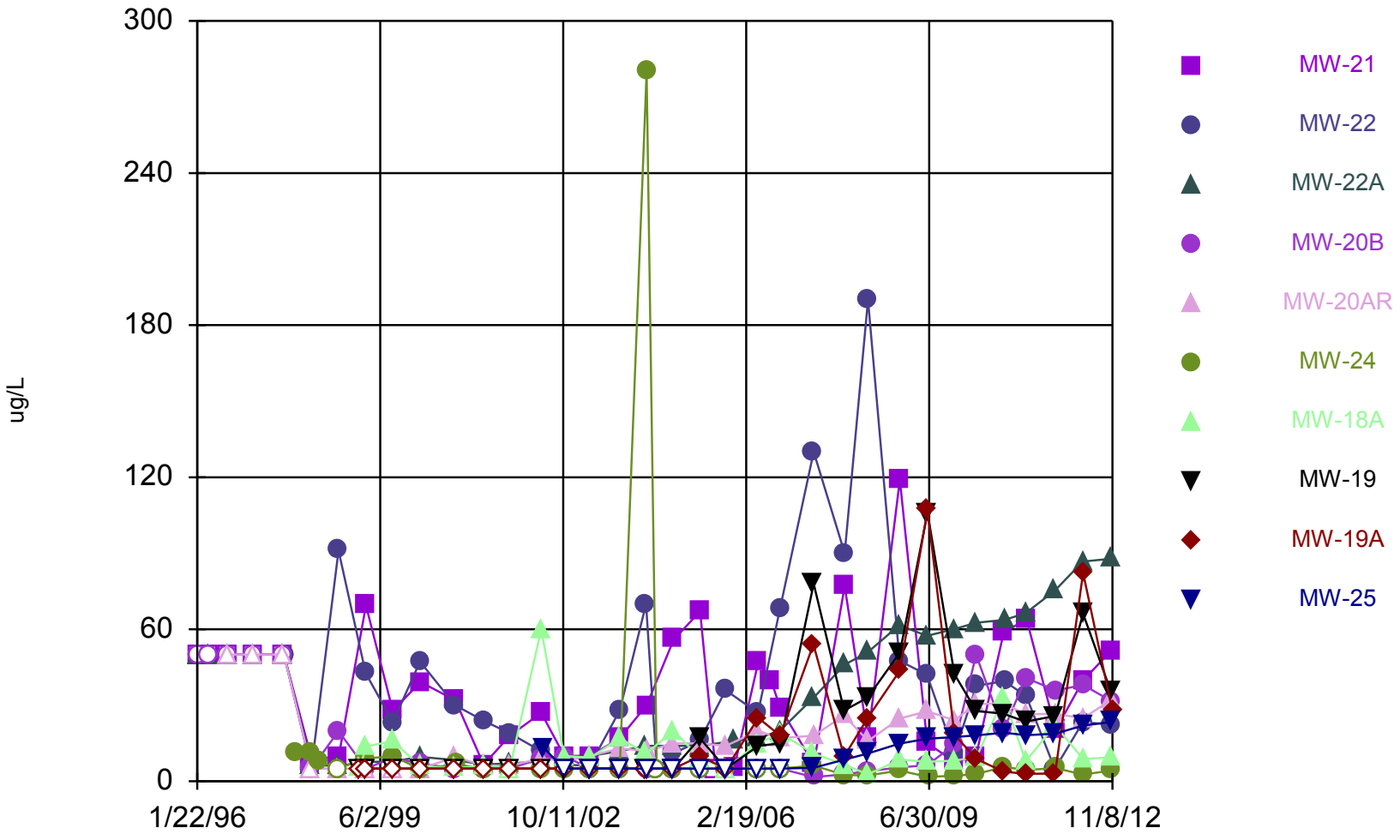


Constituent: Lead Total Analysis Run 11/28/2012 11:05 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

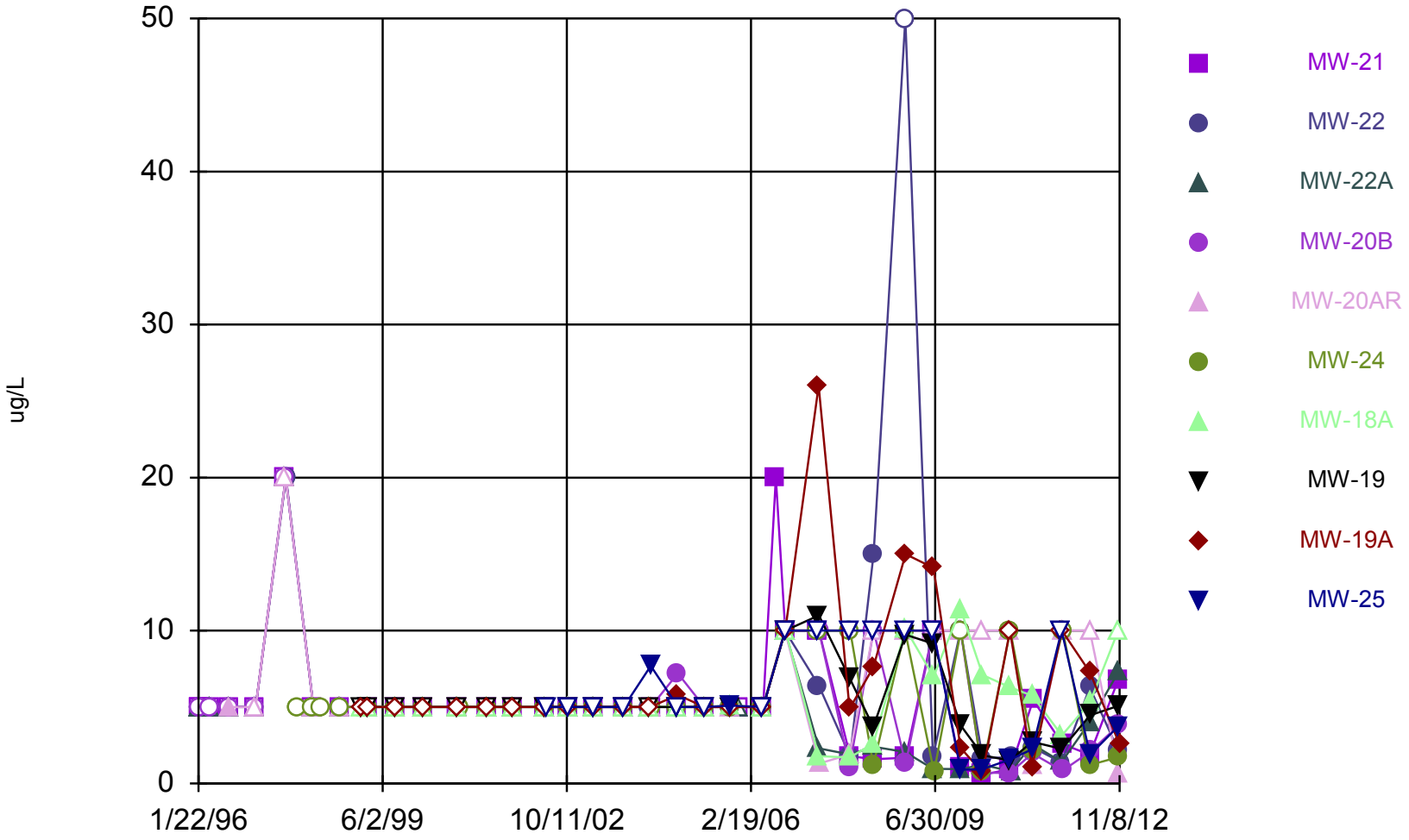


Constituent: Nickel Total Analysis Run 11/28/2012 11:06 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

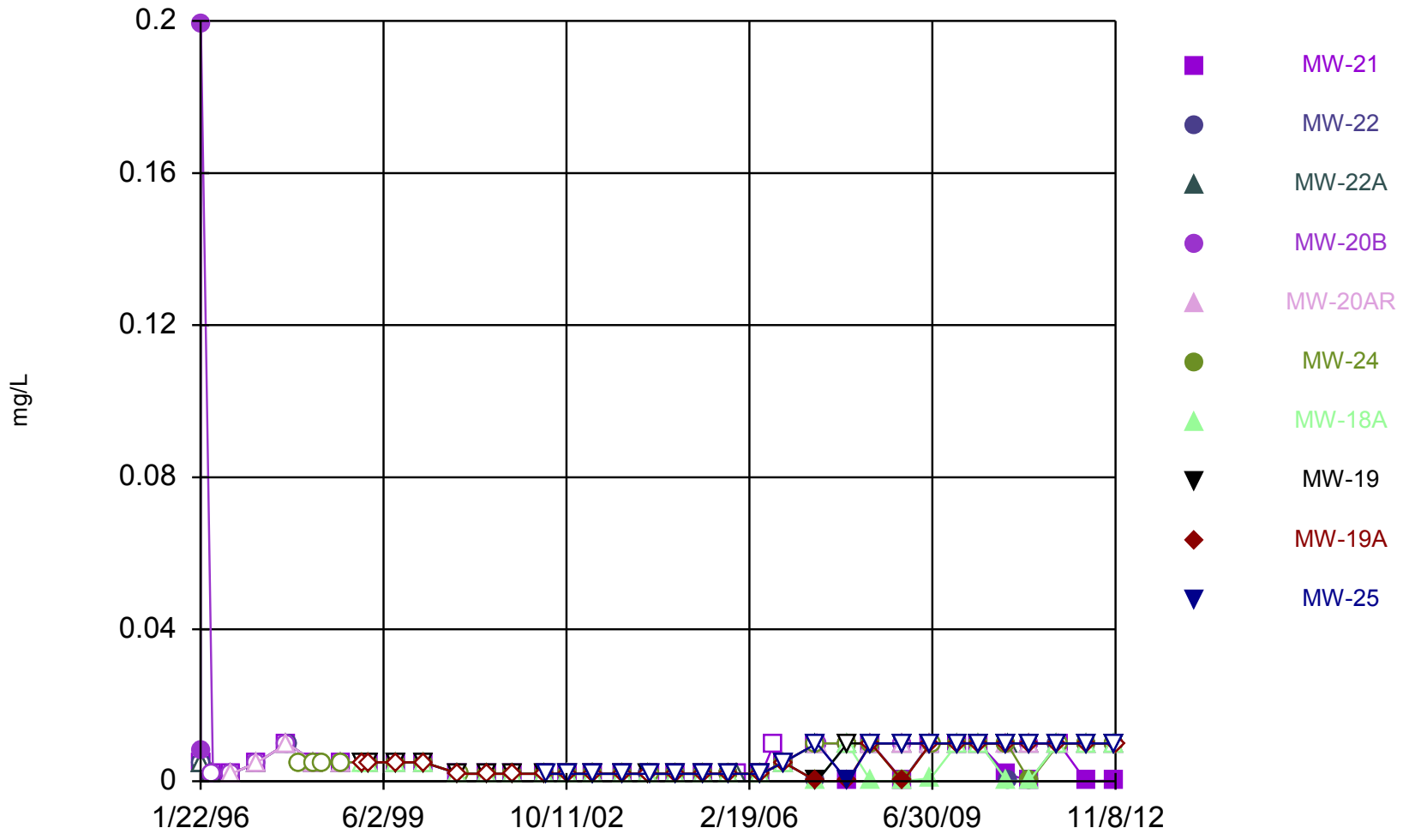


Constituent: Selenium Total Analysis Run 11/28/2012 11:06 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

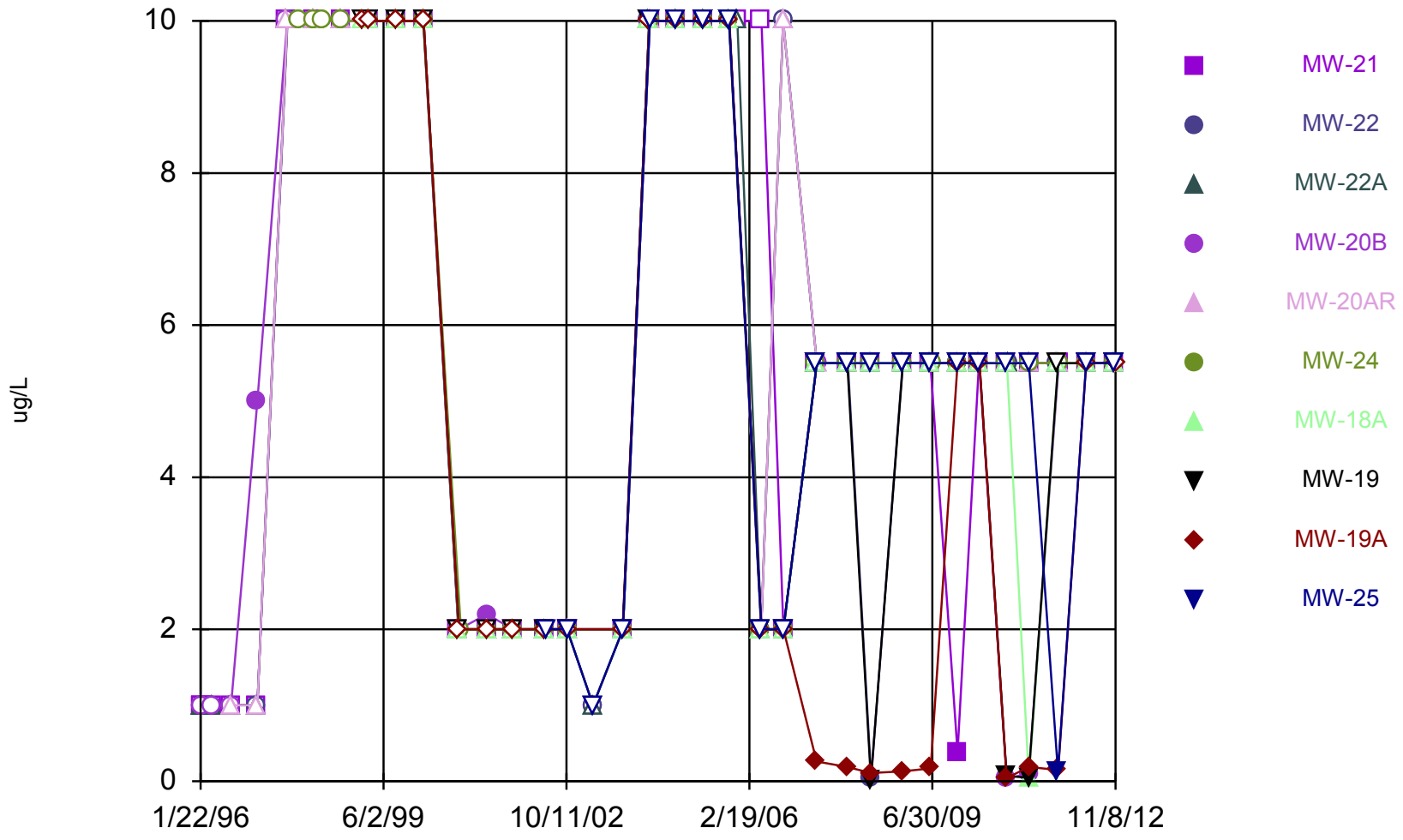


Constituent: Silver Total Analysis Run 11/28/2012 11:06 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

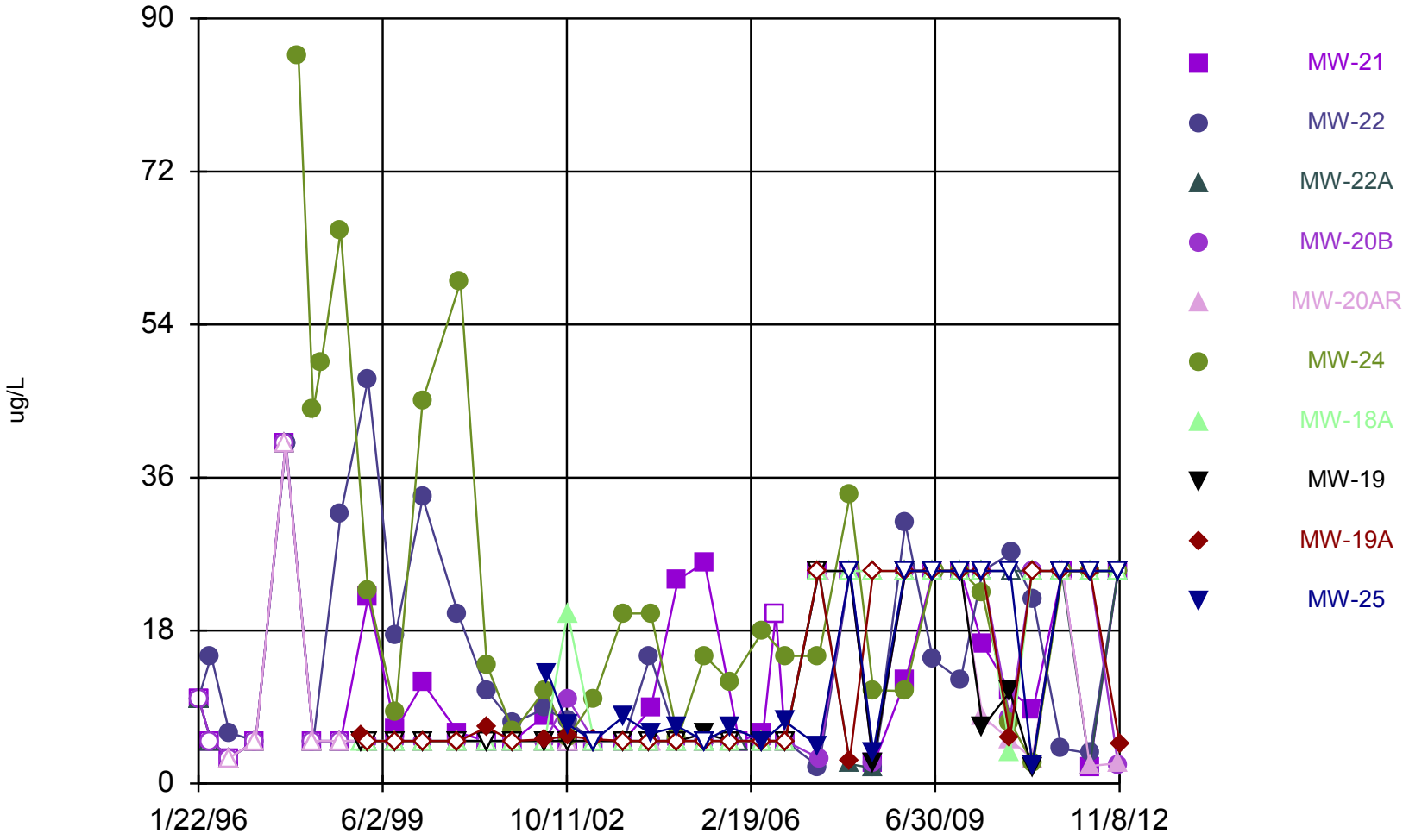


Constituent: Thallium Total Analysis Run 11/28/2012 11:06 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

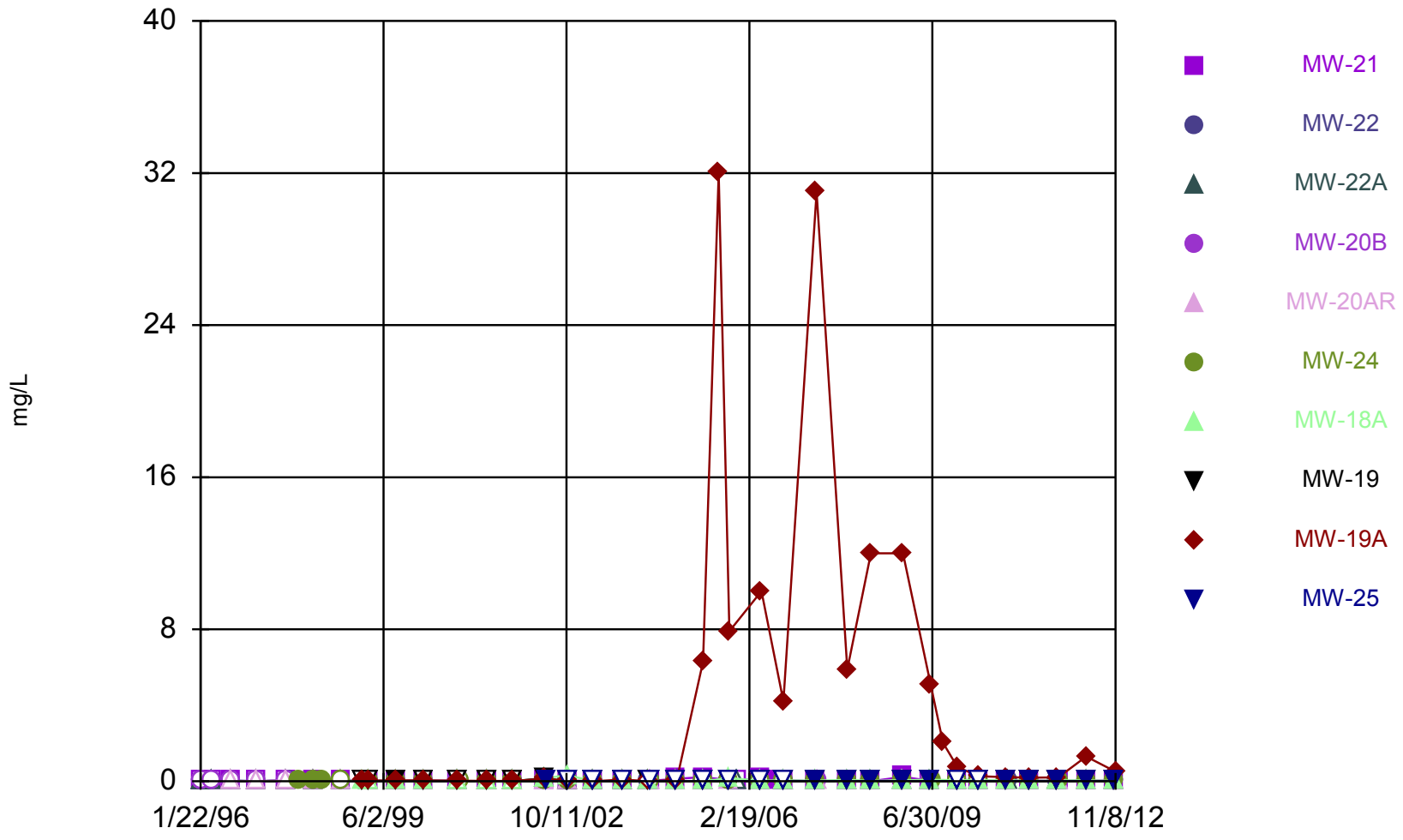


Constituent: Vanadium Total Analysis Run 11/28/2012 11:06 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

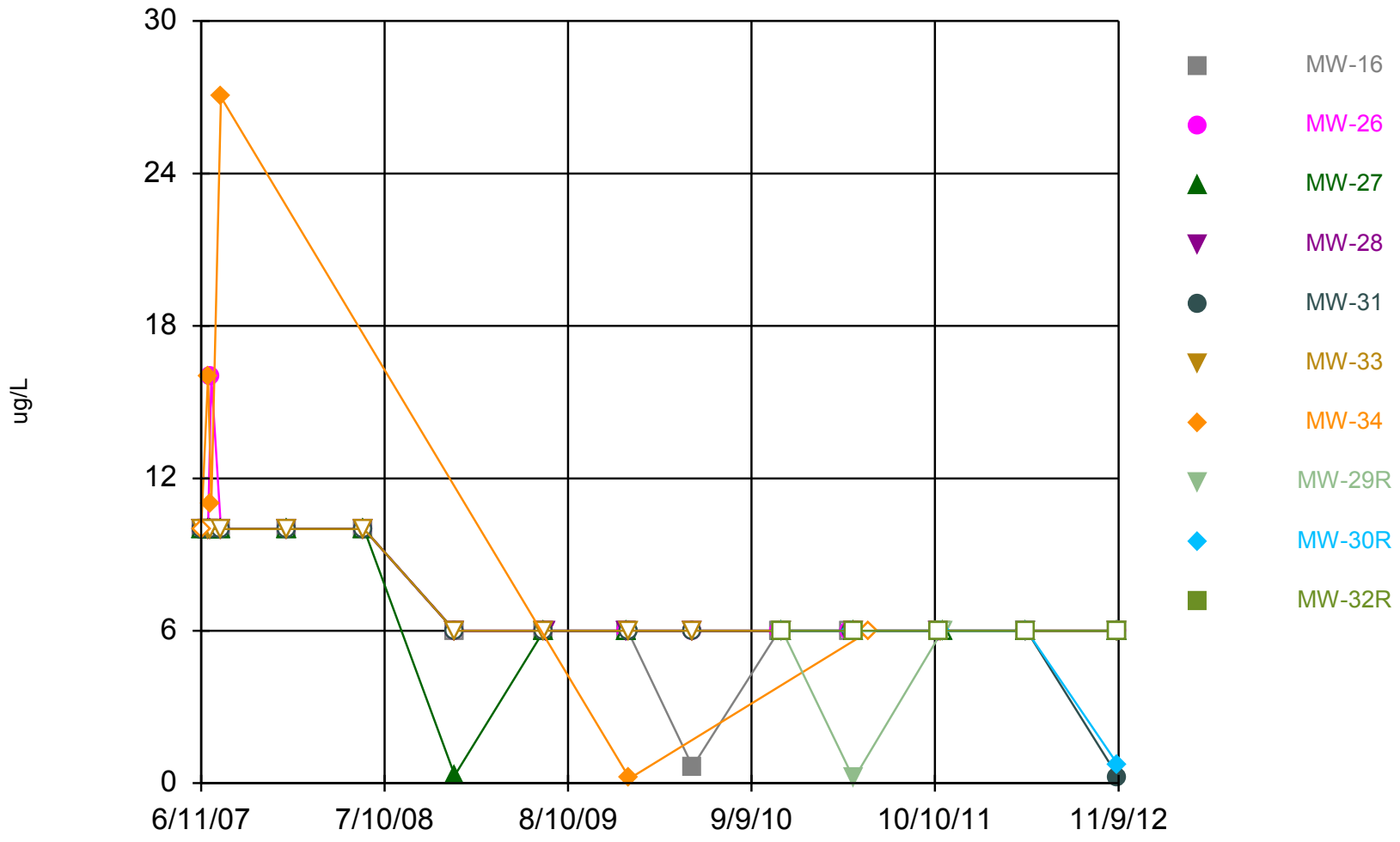


Constituent: Zinc Total Analysis Run 11/28/2012 11:06 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

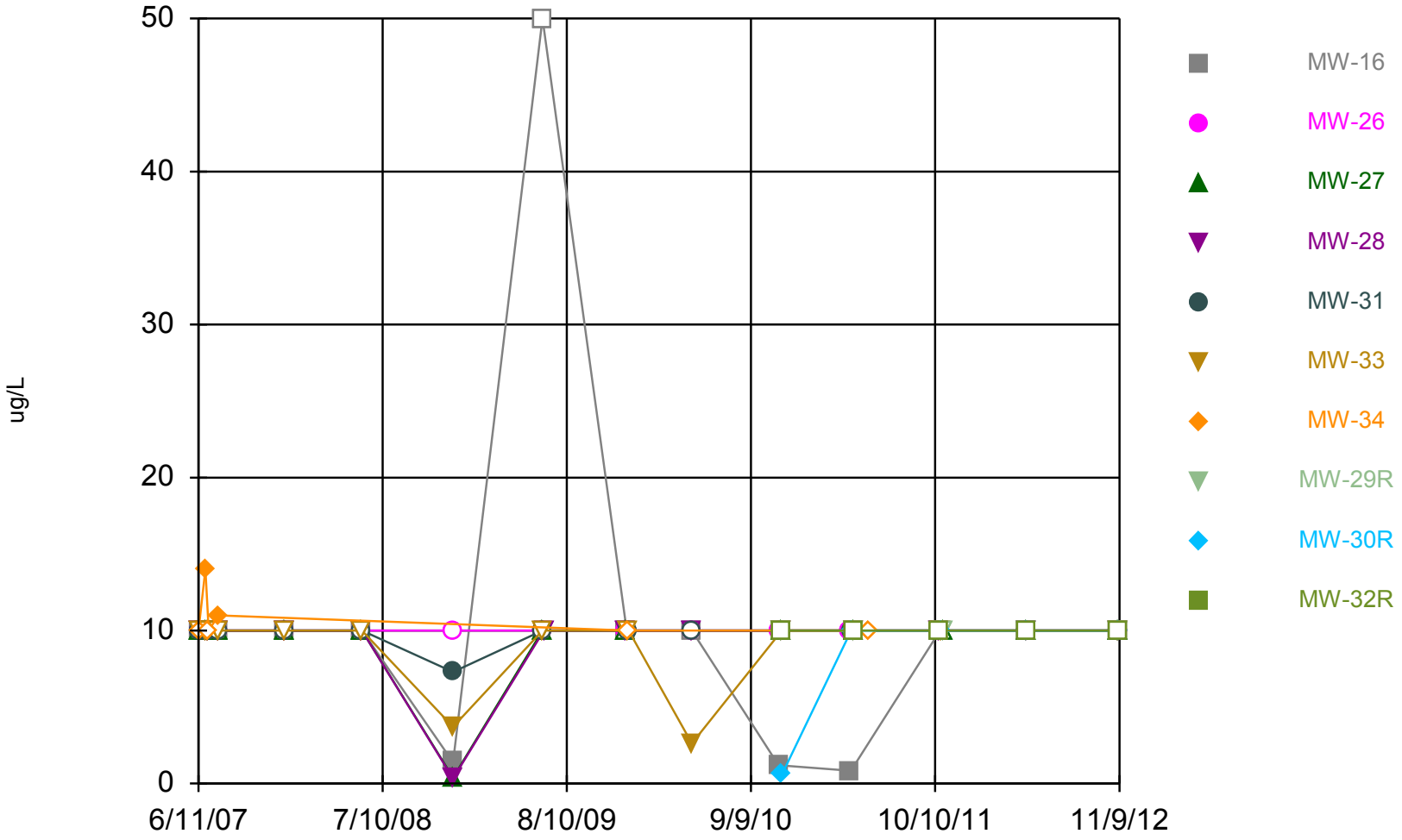


Constituent: Antimony Total Analysis Run 11/28/2012 11:06 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

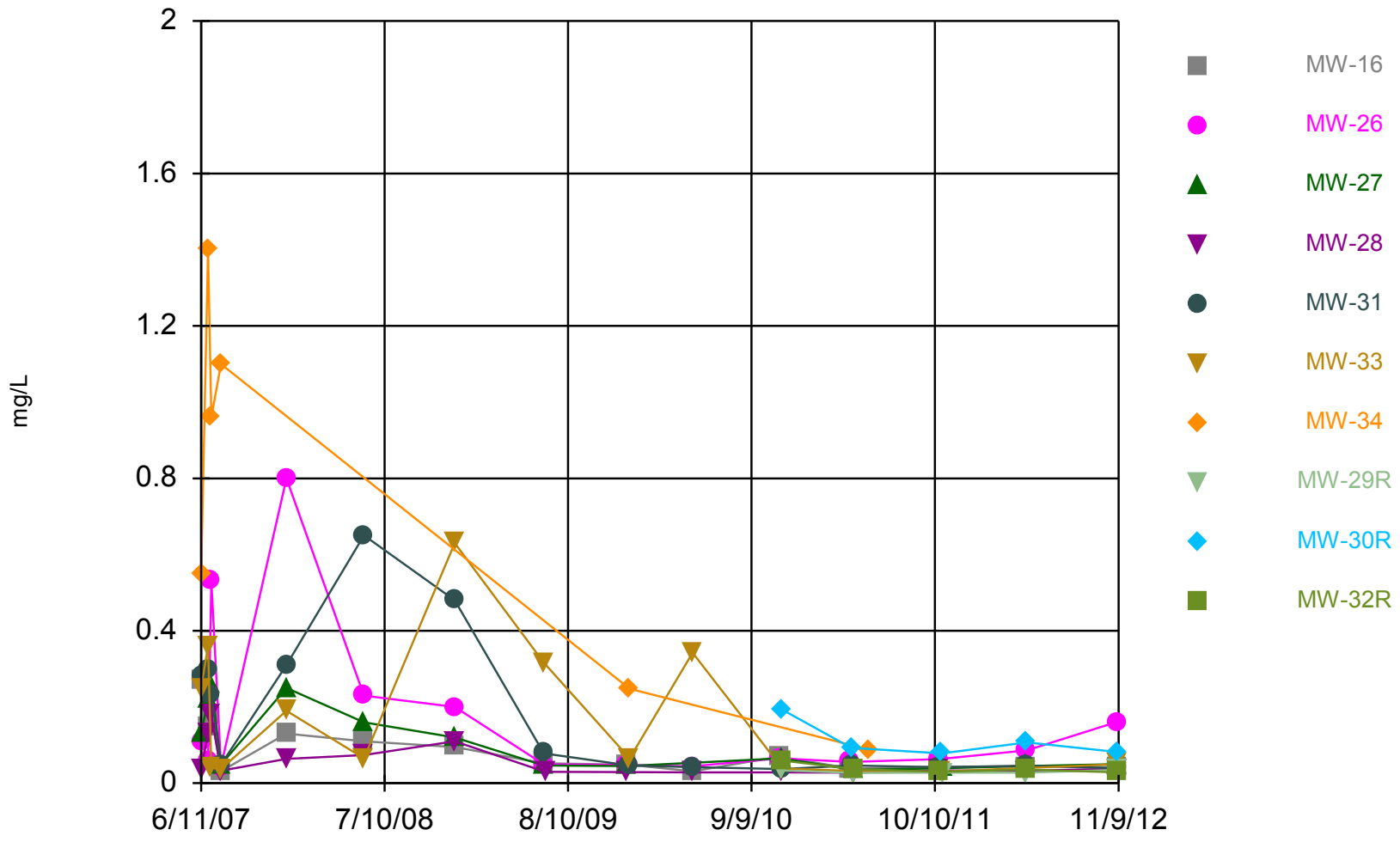
Time Series



Constituent: Arsenic Total Analysis Run 11/28/2012 11:06 AM

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

Time Series

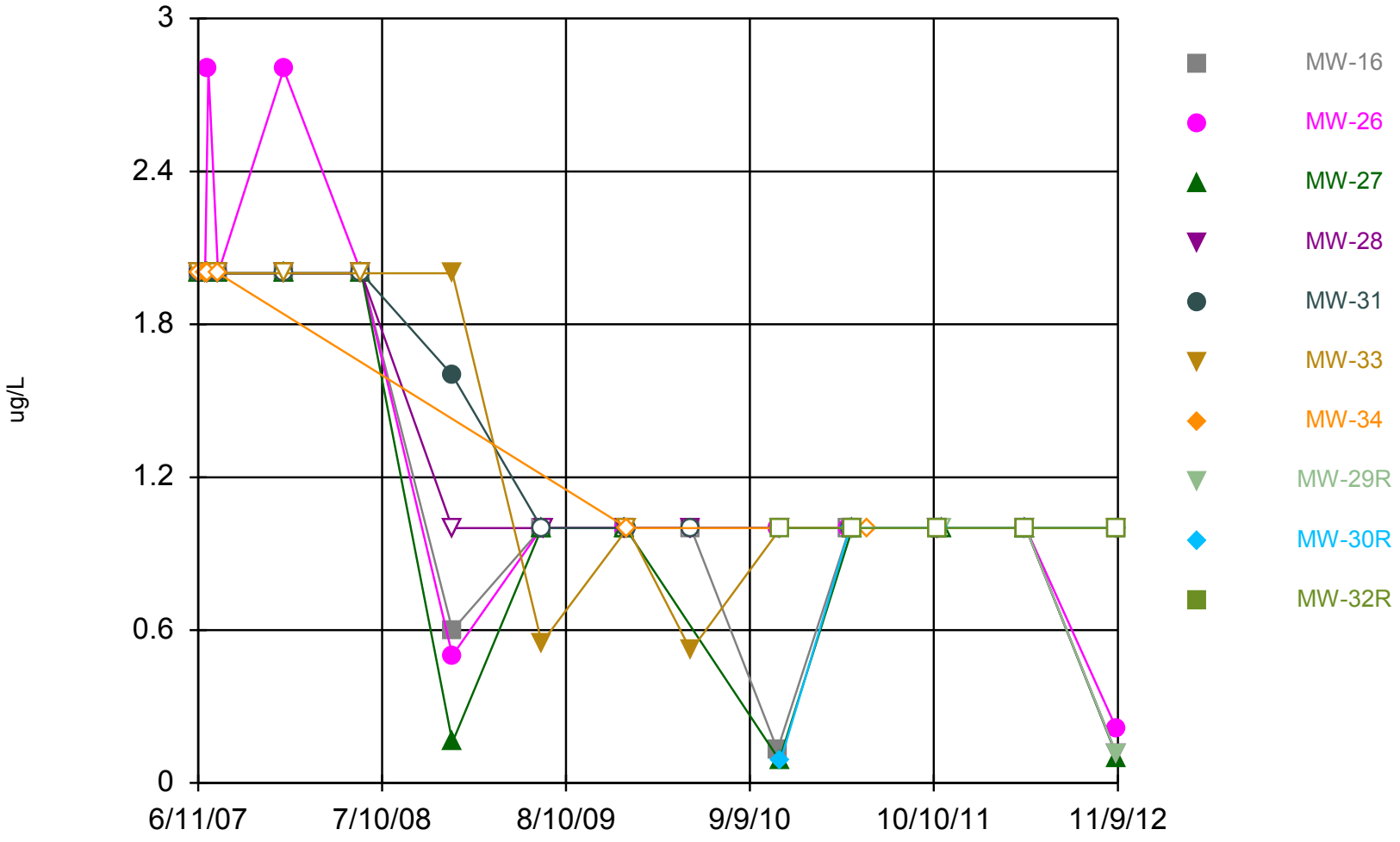


Constituent: Barium Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

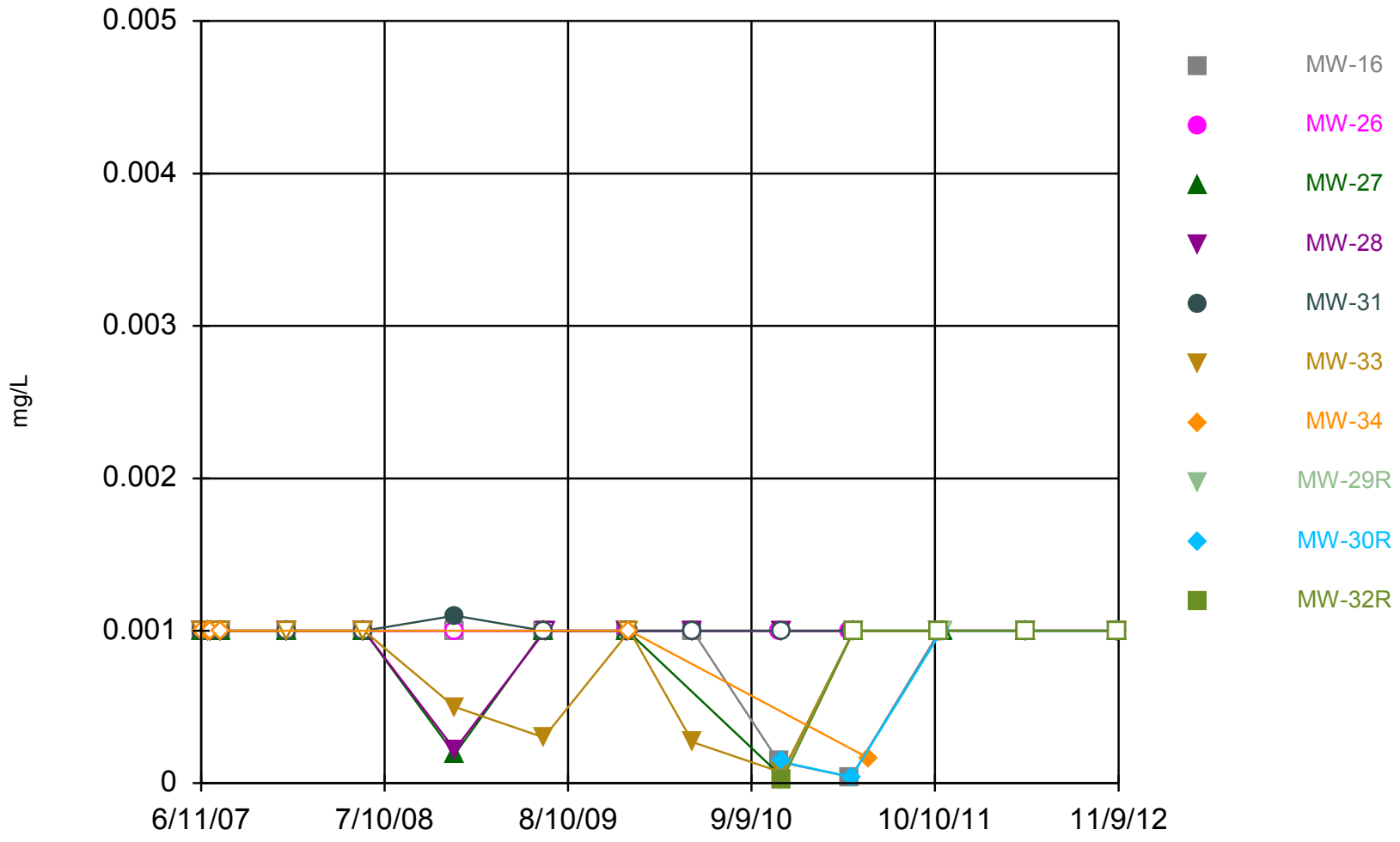


Constituent: Beryllium Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

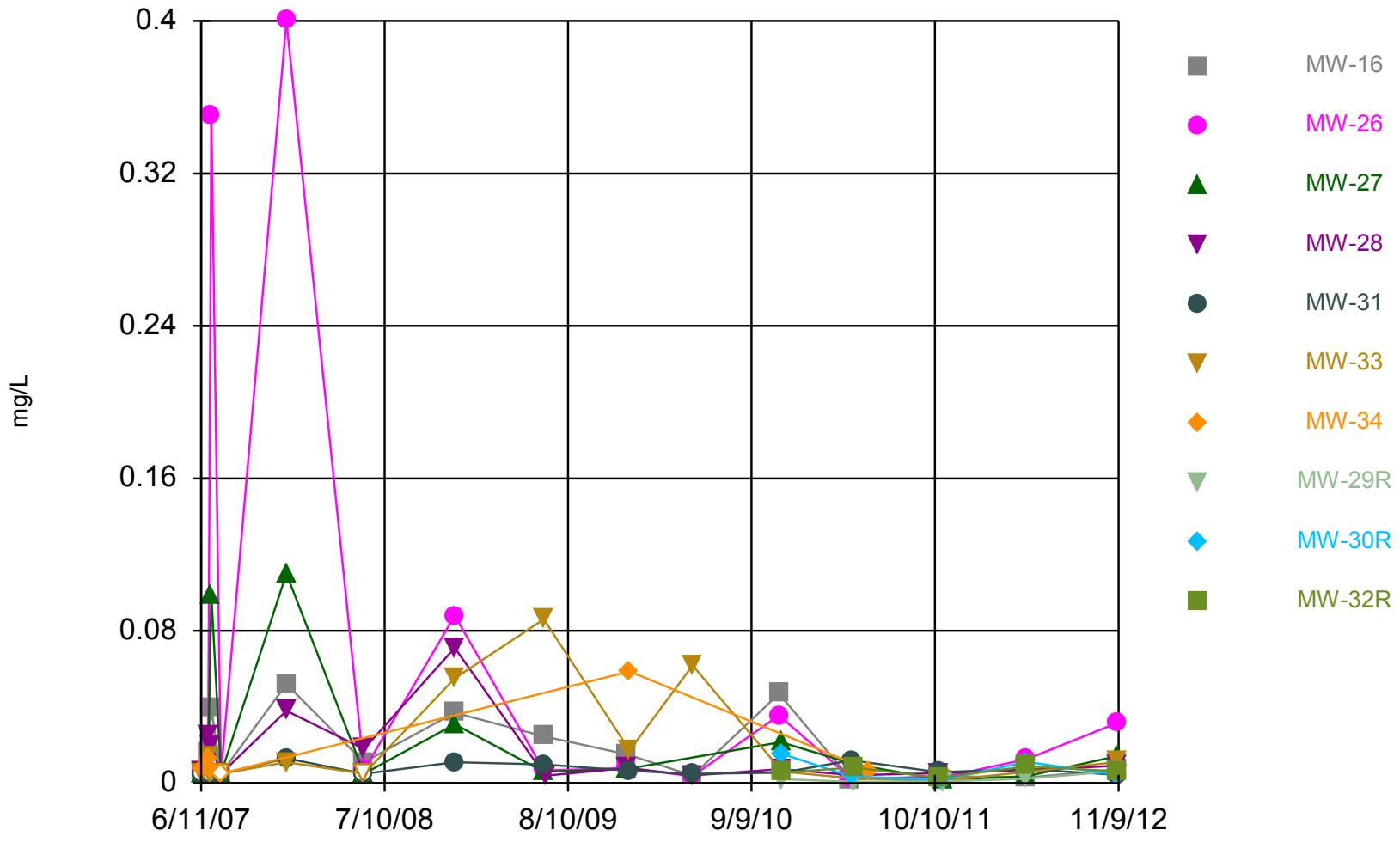


Constituent: Cadmium Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

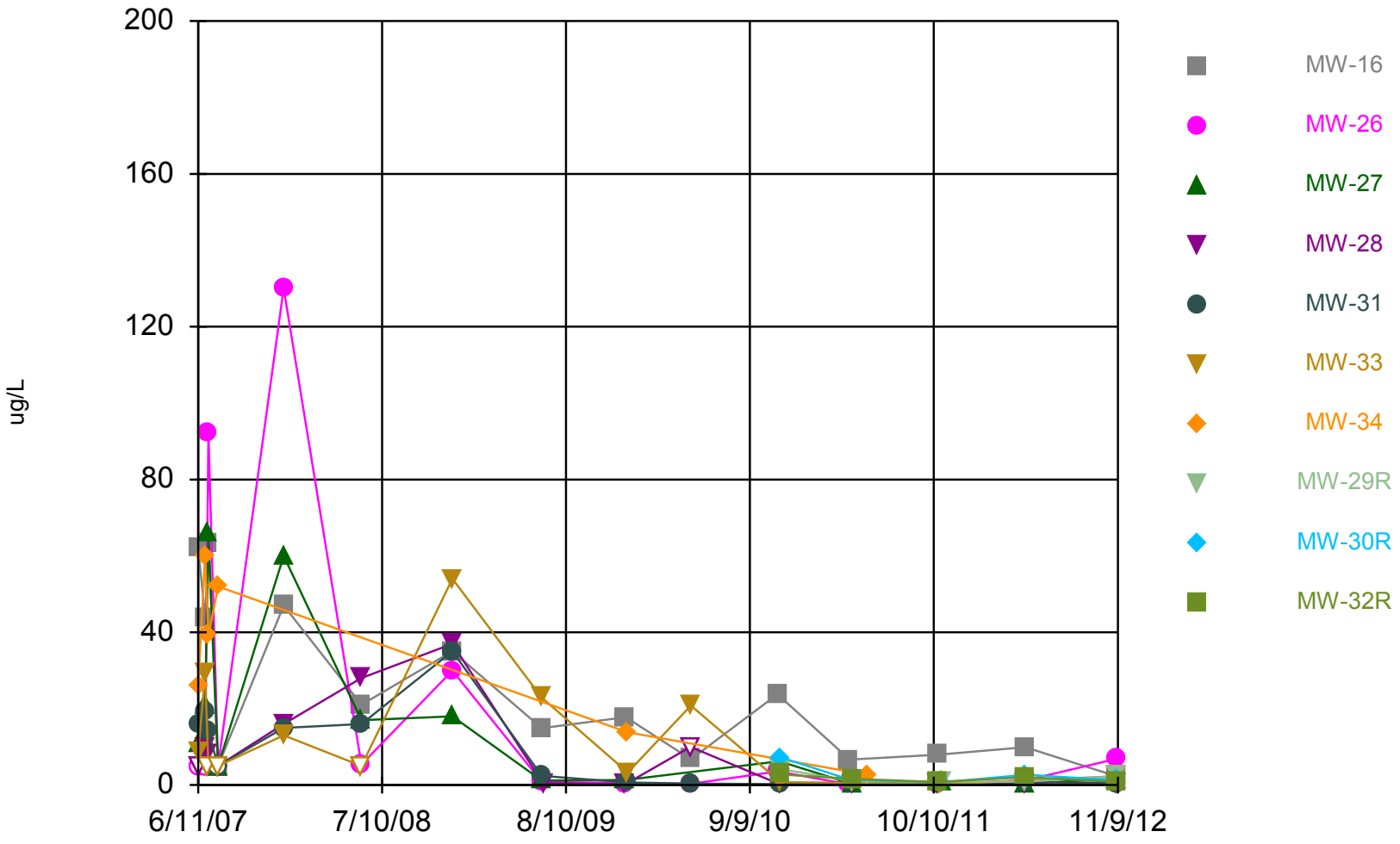


Constituent: Chromium Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

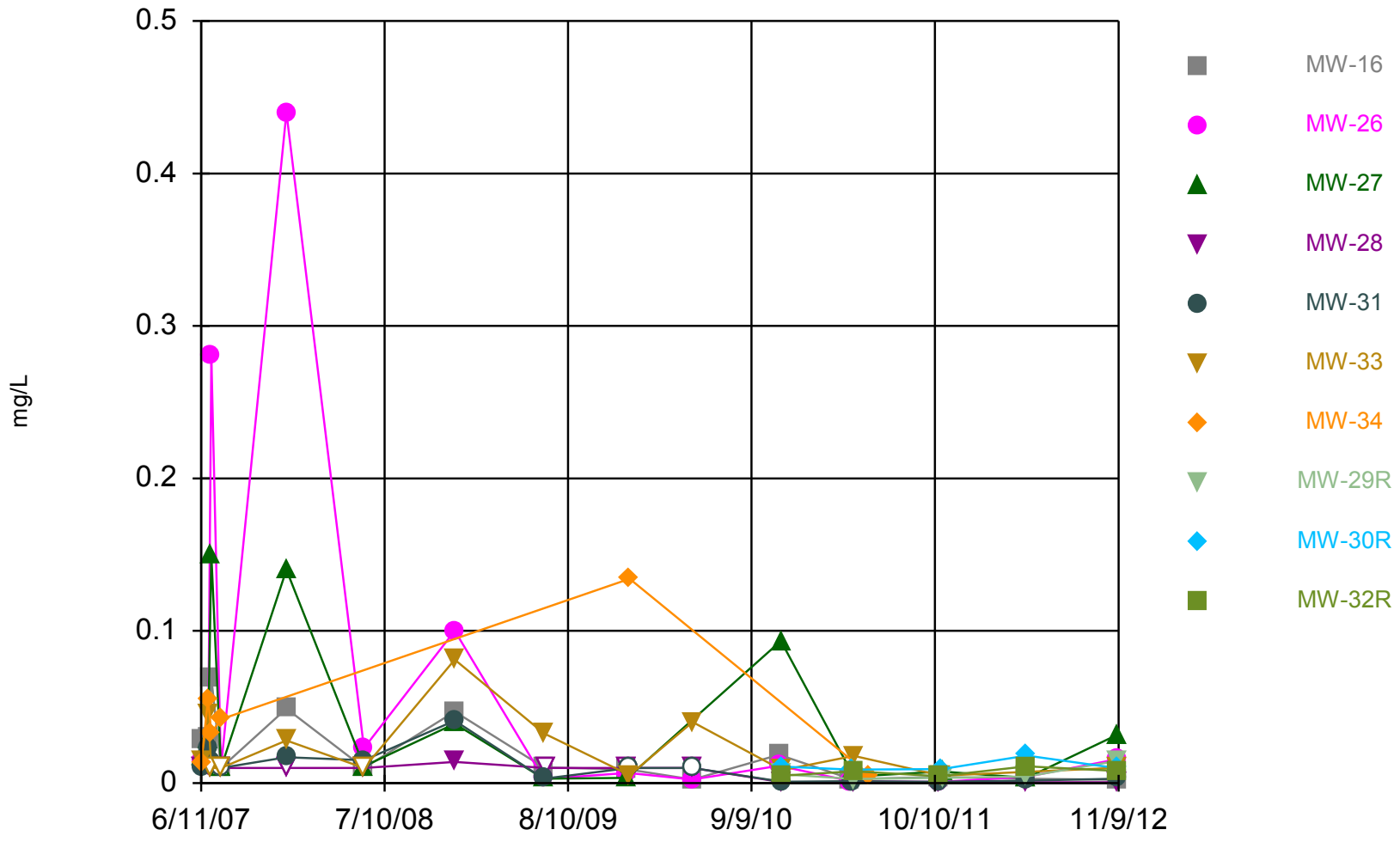


Constituent: Cobalt Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

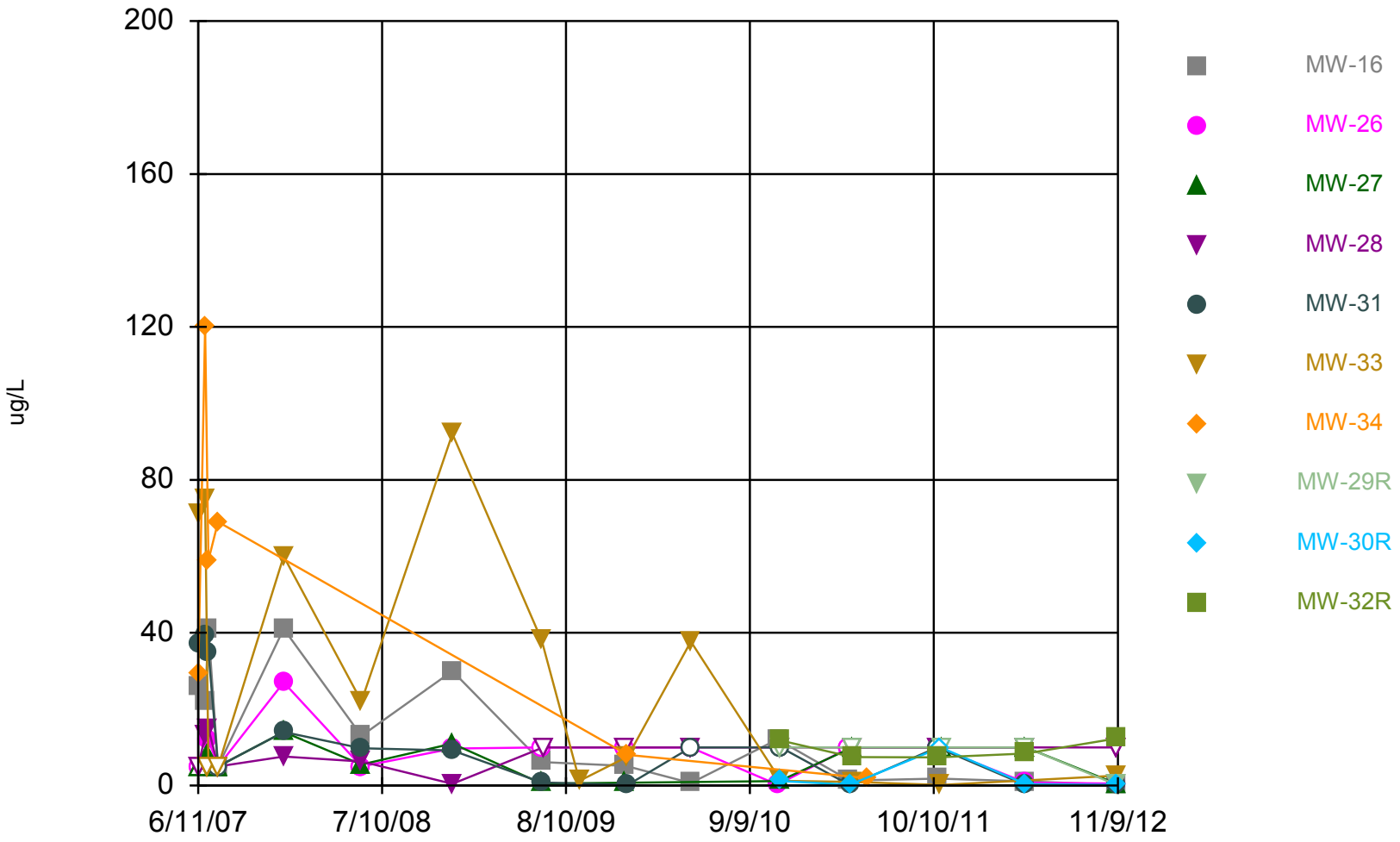


Constituent: Copper Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

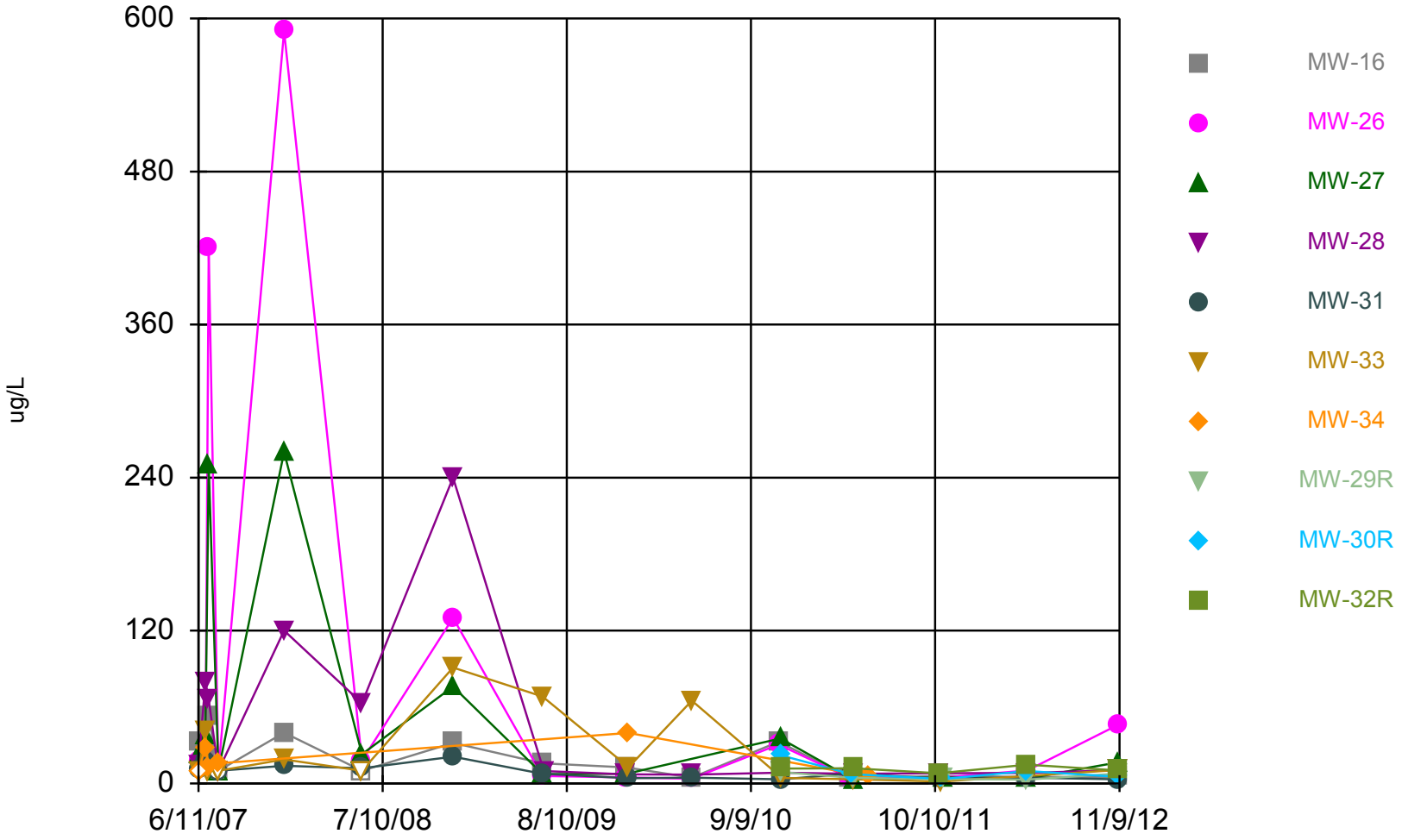


Constituent: Lead Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

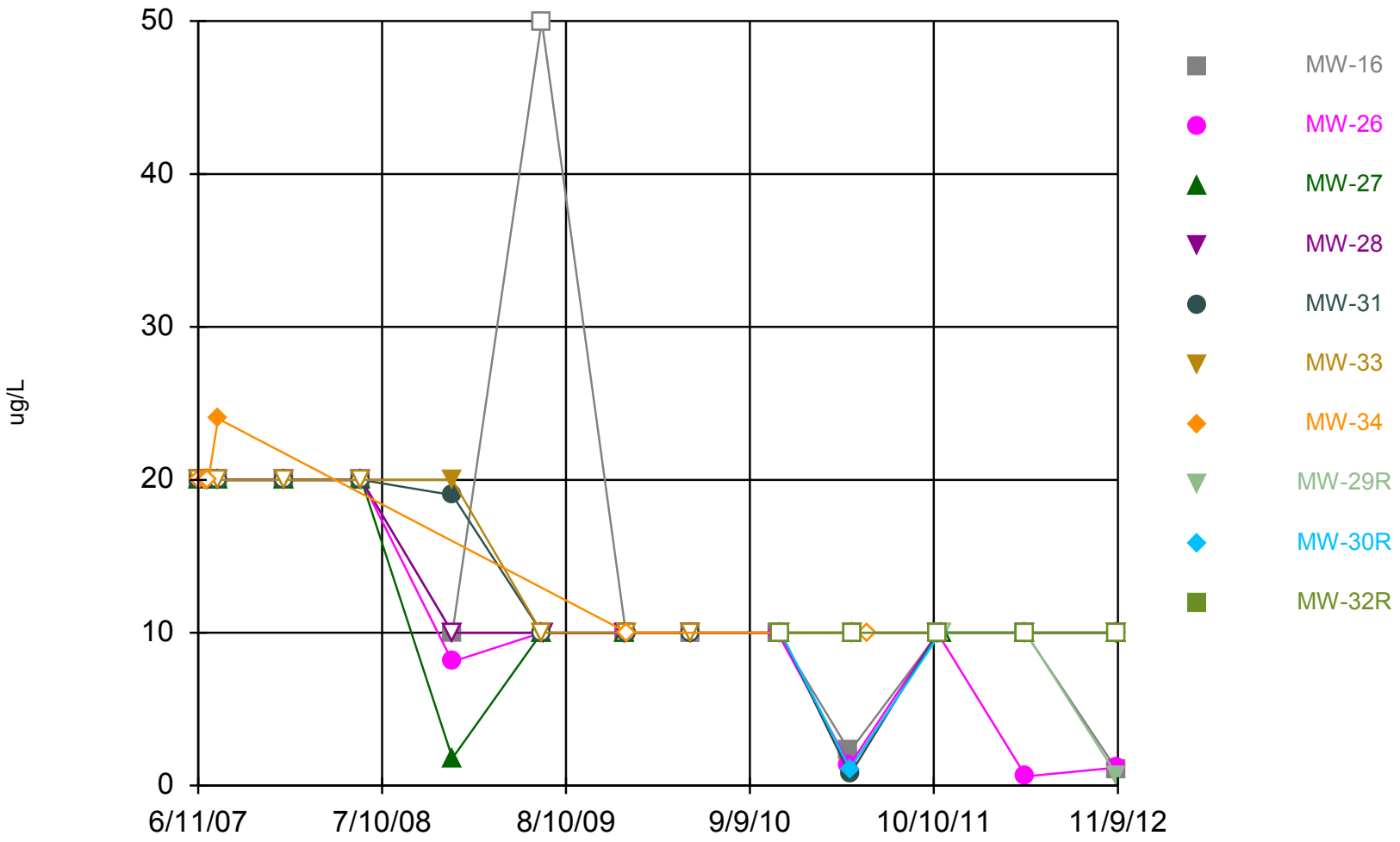


Constituent: Nickel Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

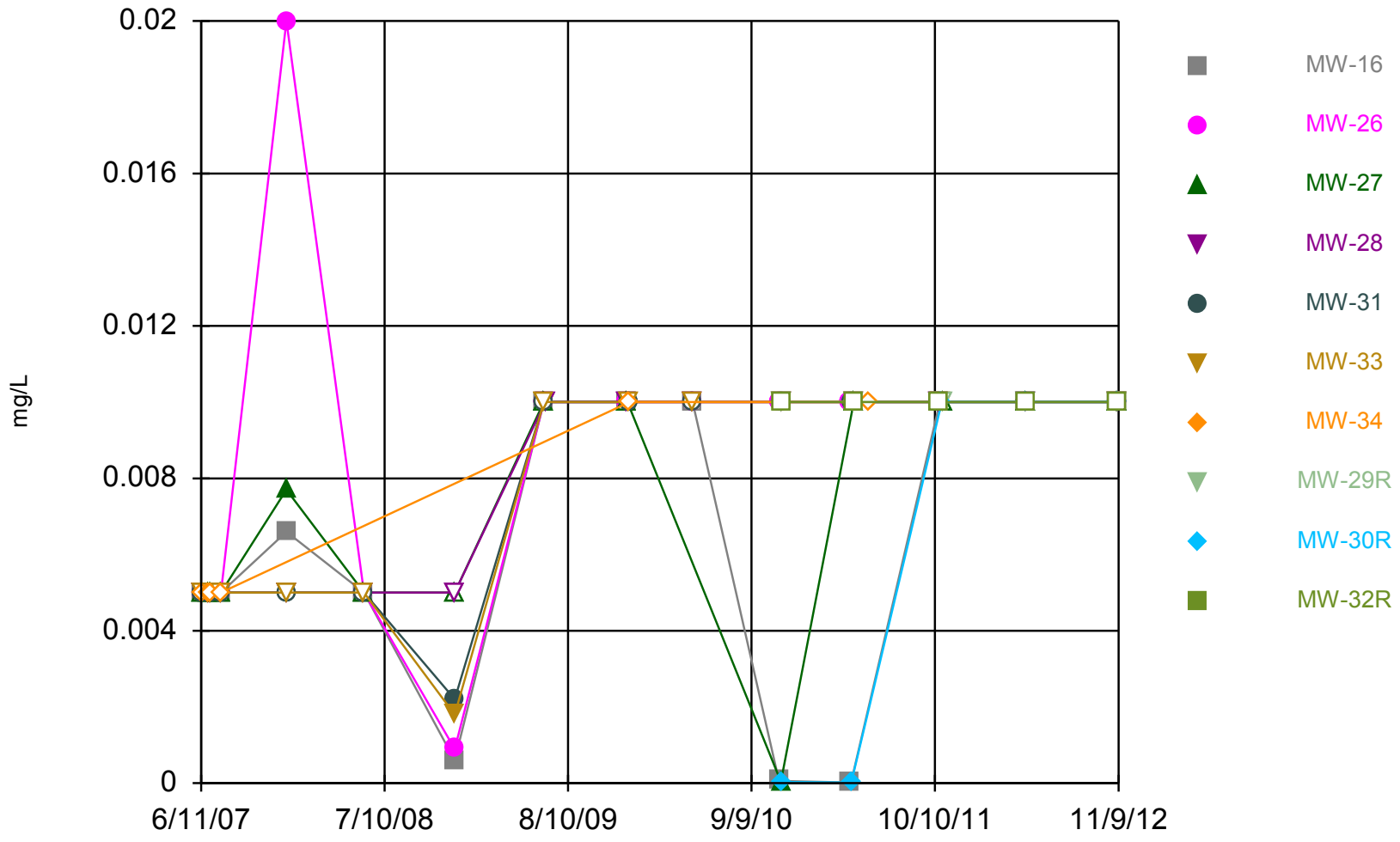


Constituent: Selenium Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

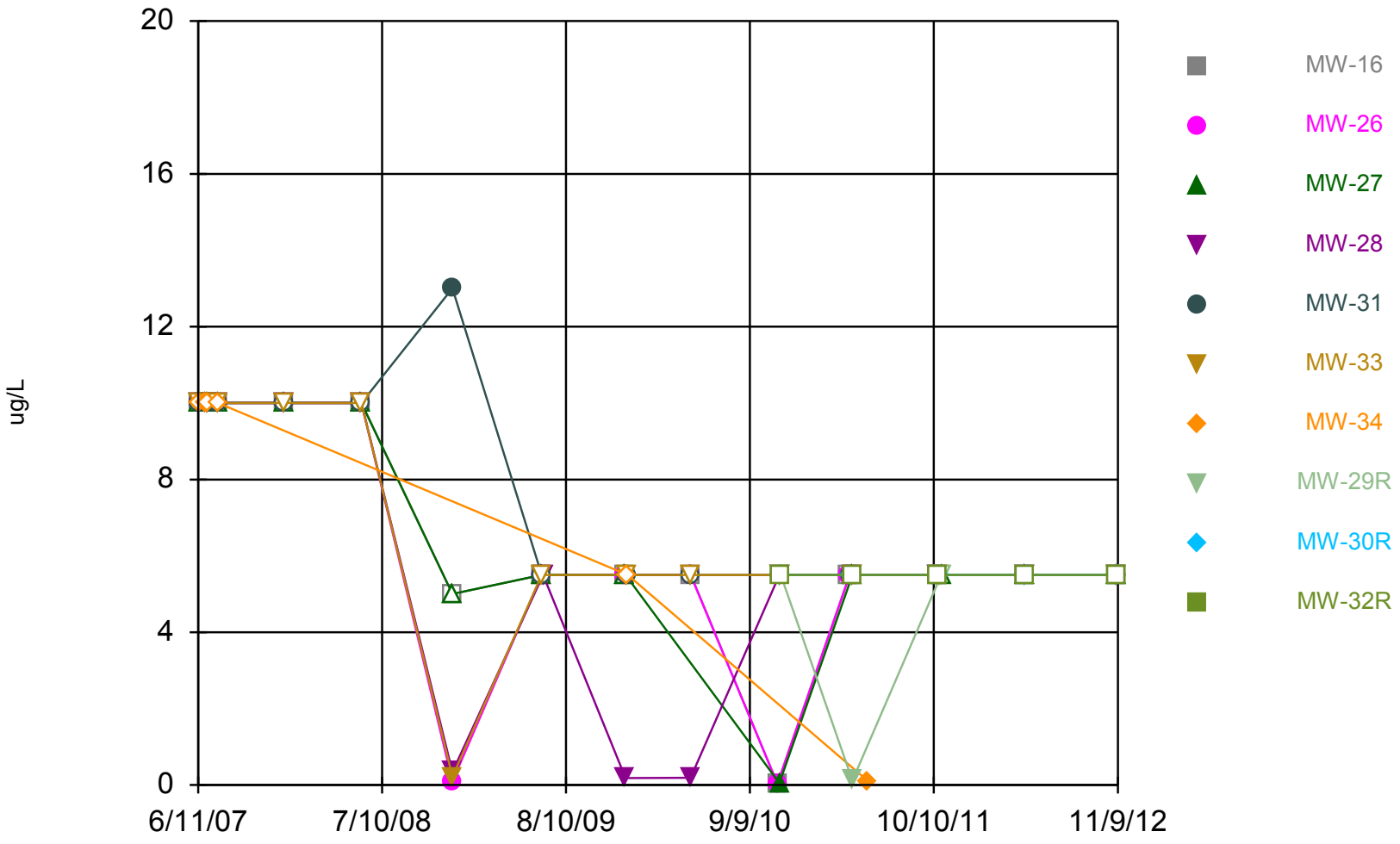


Constituent: Silver Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

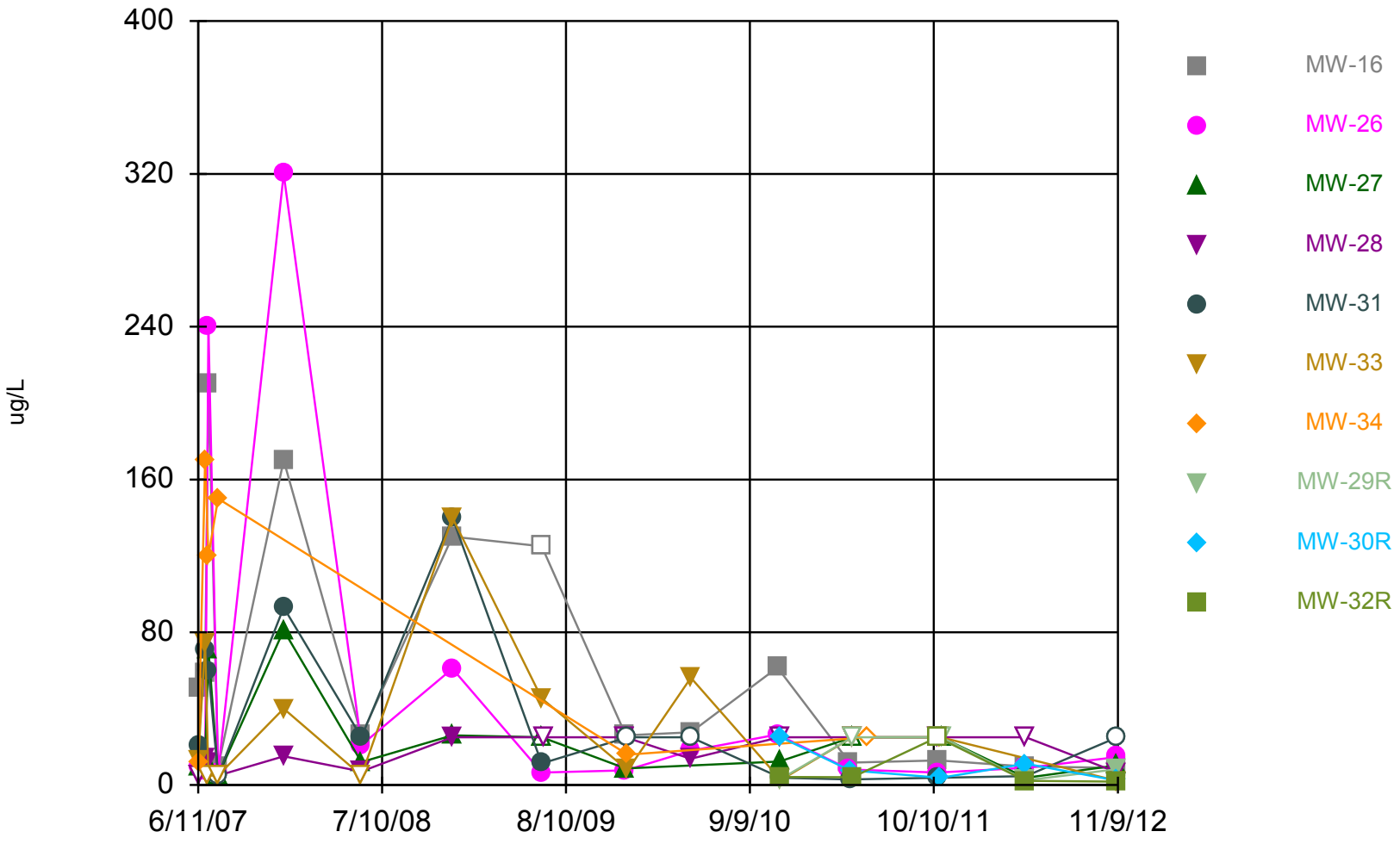


Constituent: Thallium Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

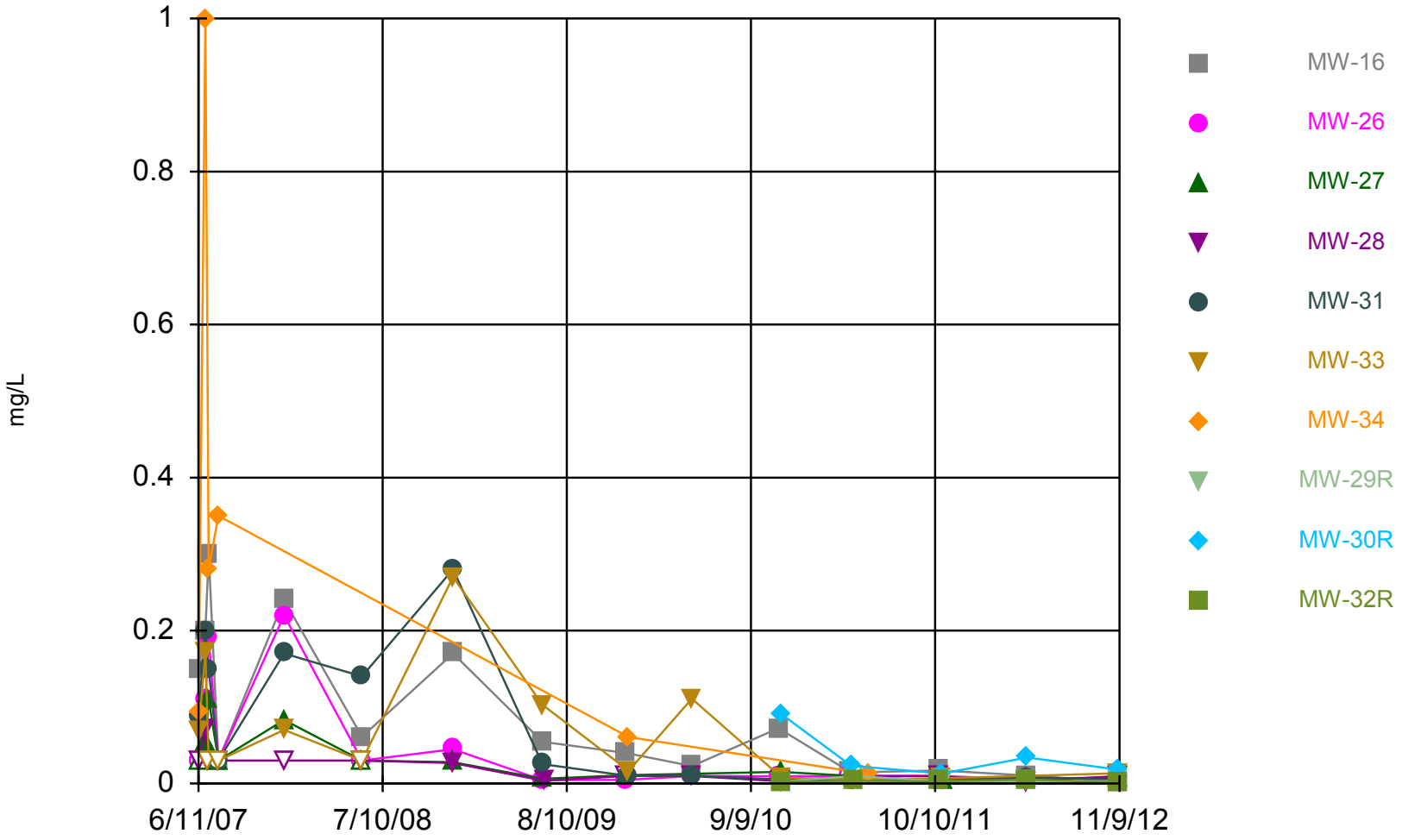


Constituent: Vanadium Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

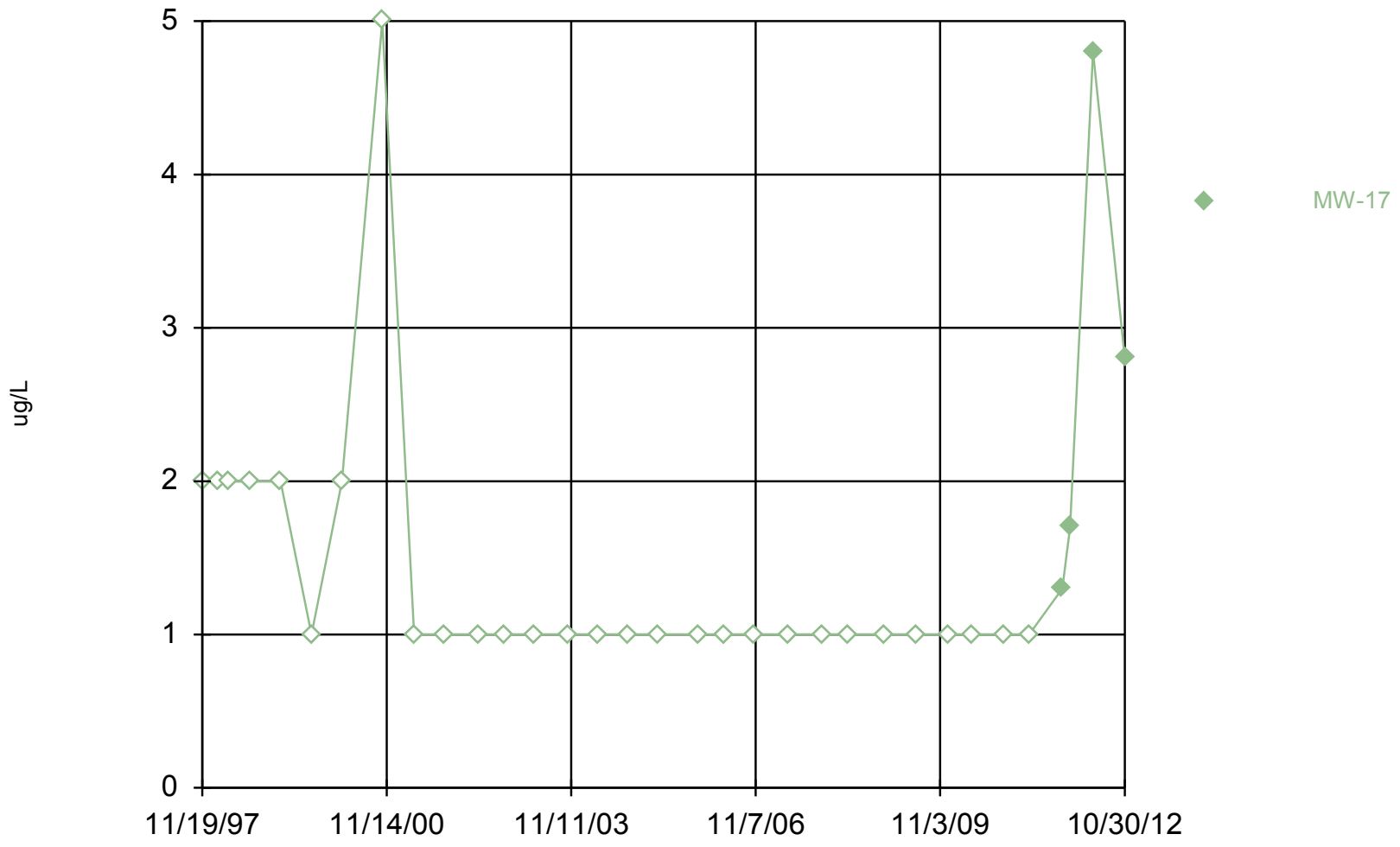


Constituent: Zinc Total Analysis Run 11/28/2012 11:07 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

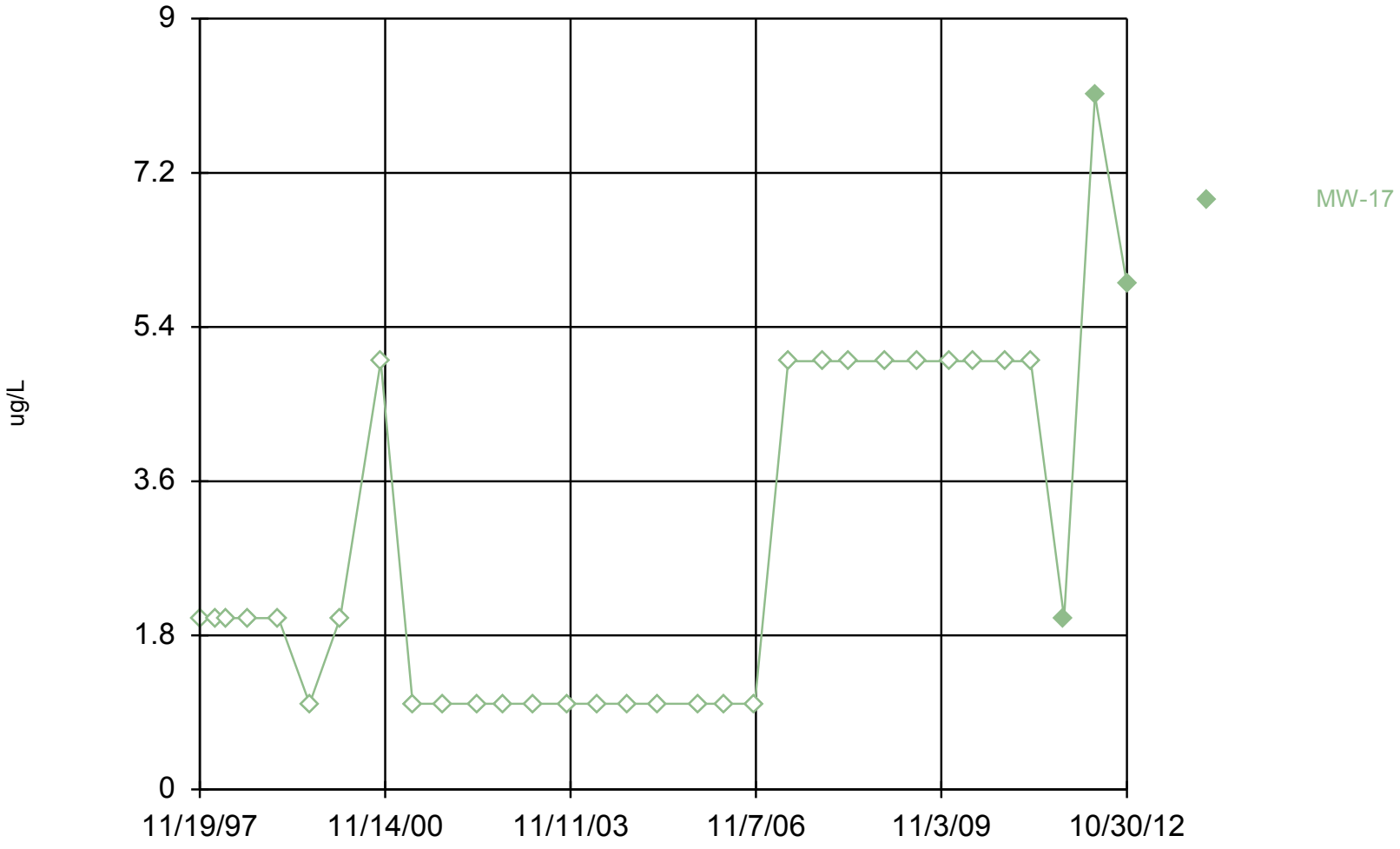


Constituent: Benzene Analysis Run 11/28/2012 11:09 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

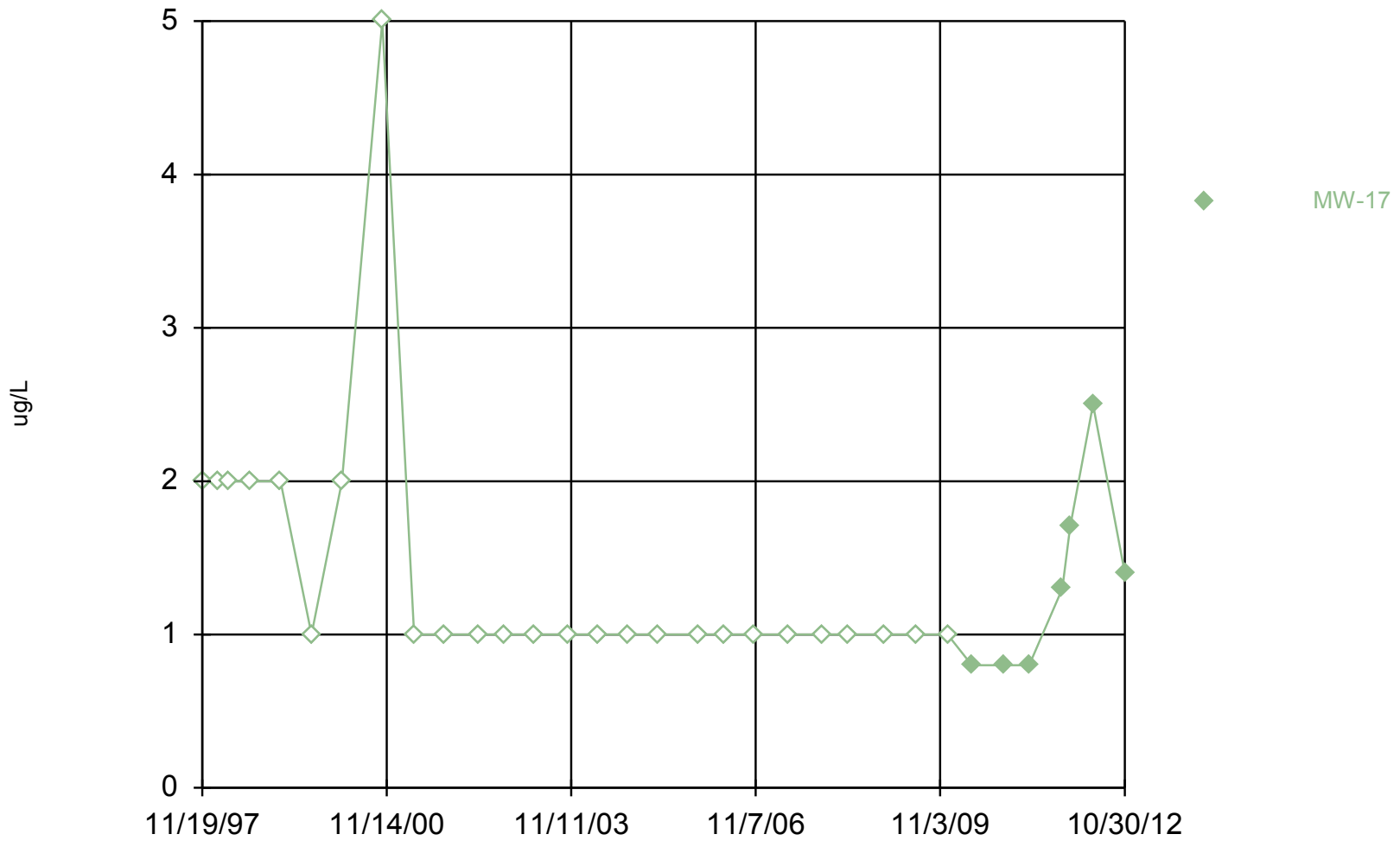


Constituent: cis-12-Dichloroethylene Analysis Run 11/28/2012 11:10 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

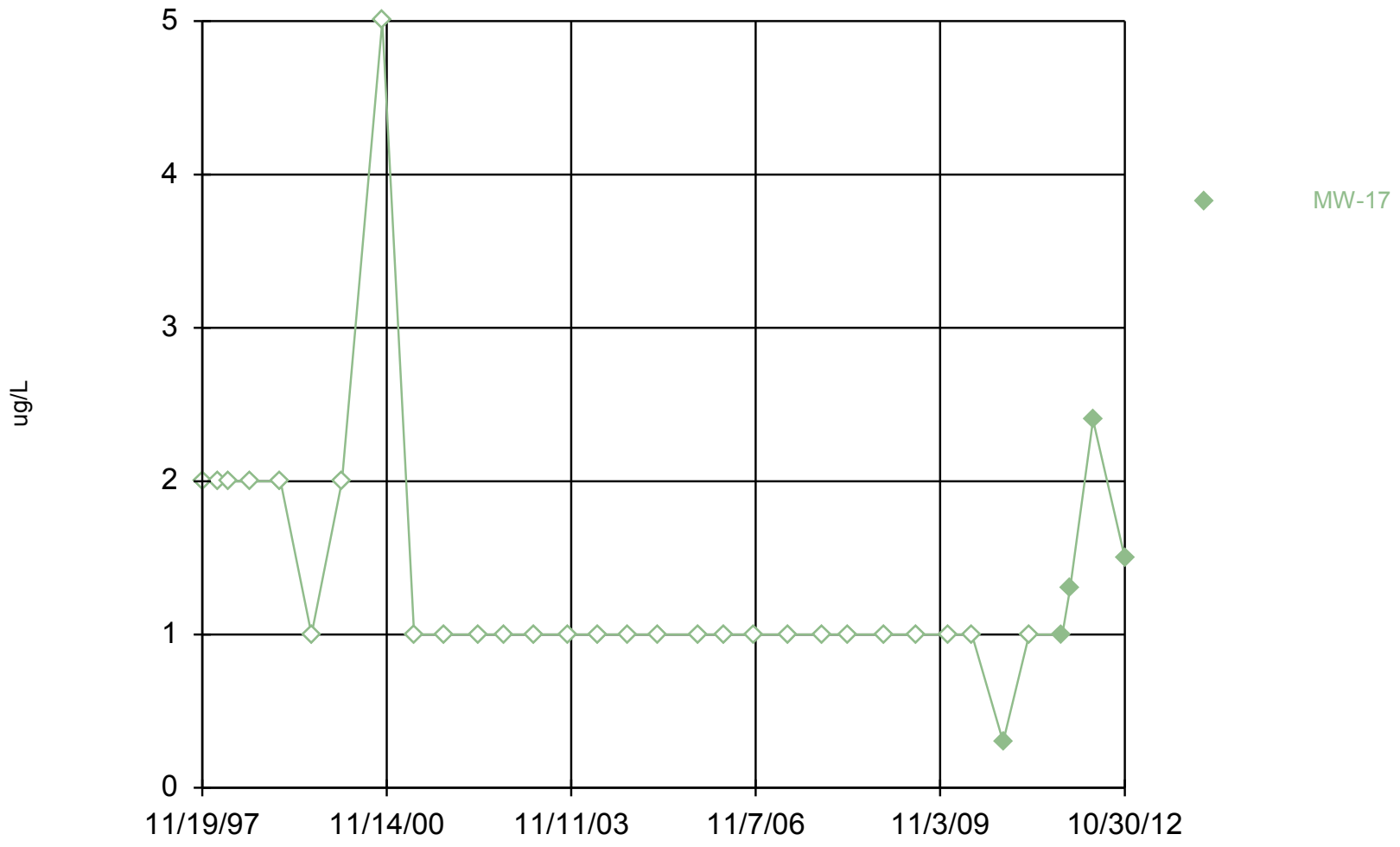


Constituent: Tetrachloroethylene Analysis Run 11/28/2012 11:10 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

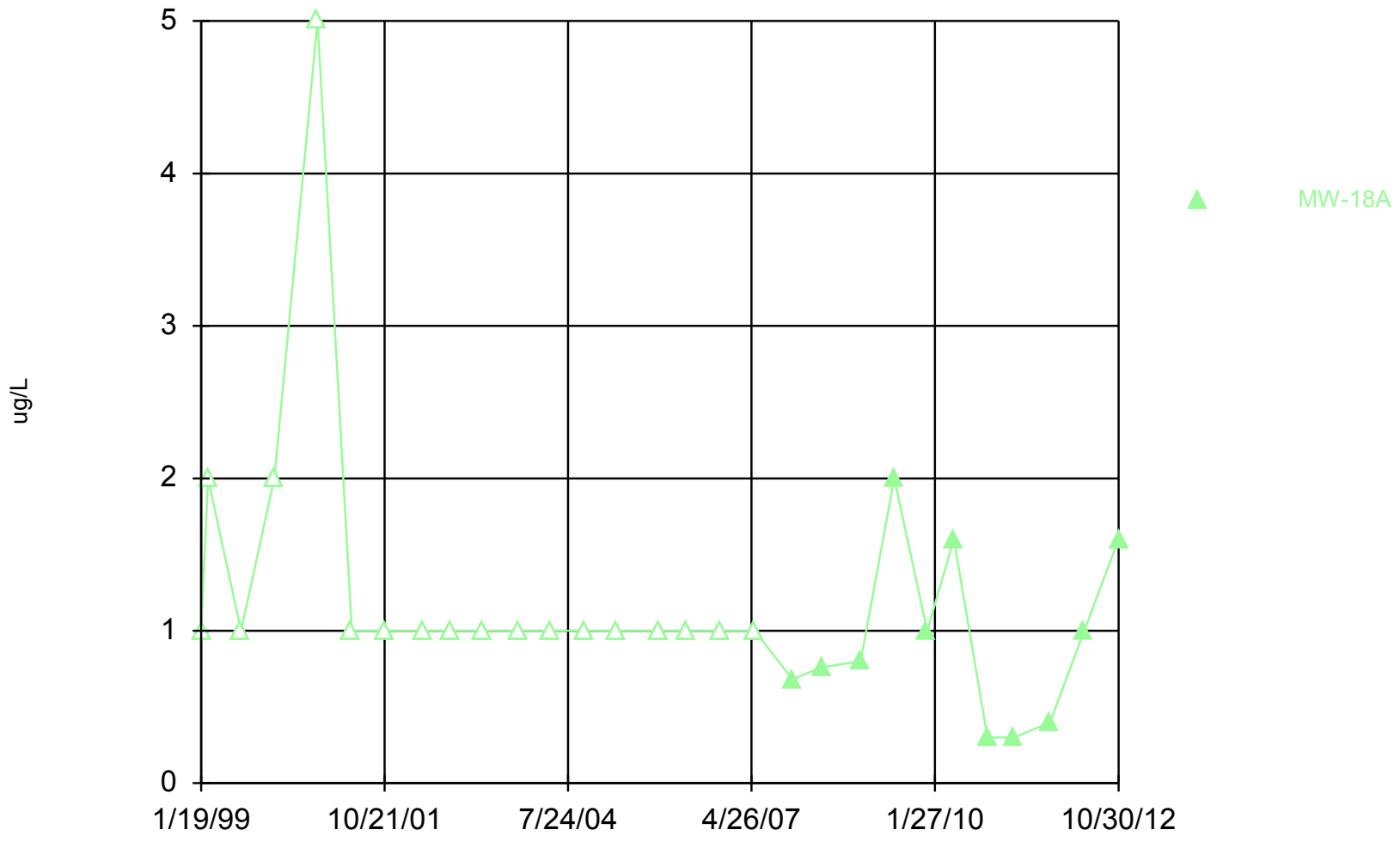


Constituent: Trichloroethylene Analysis Run 11/28/2012 11:10 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

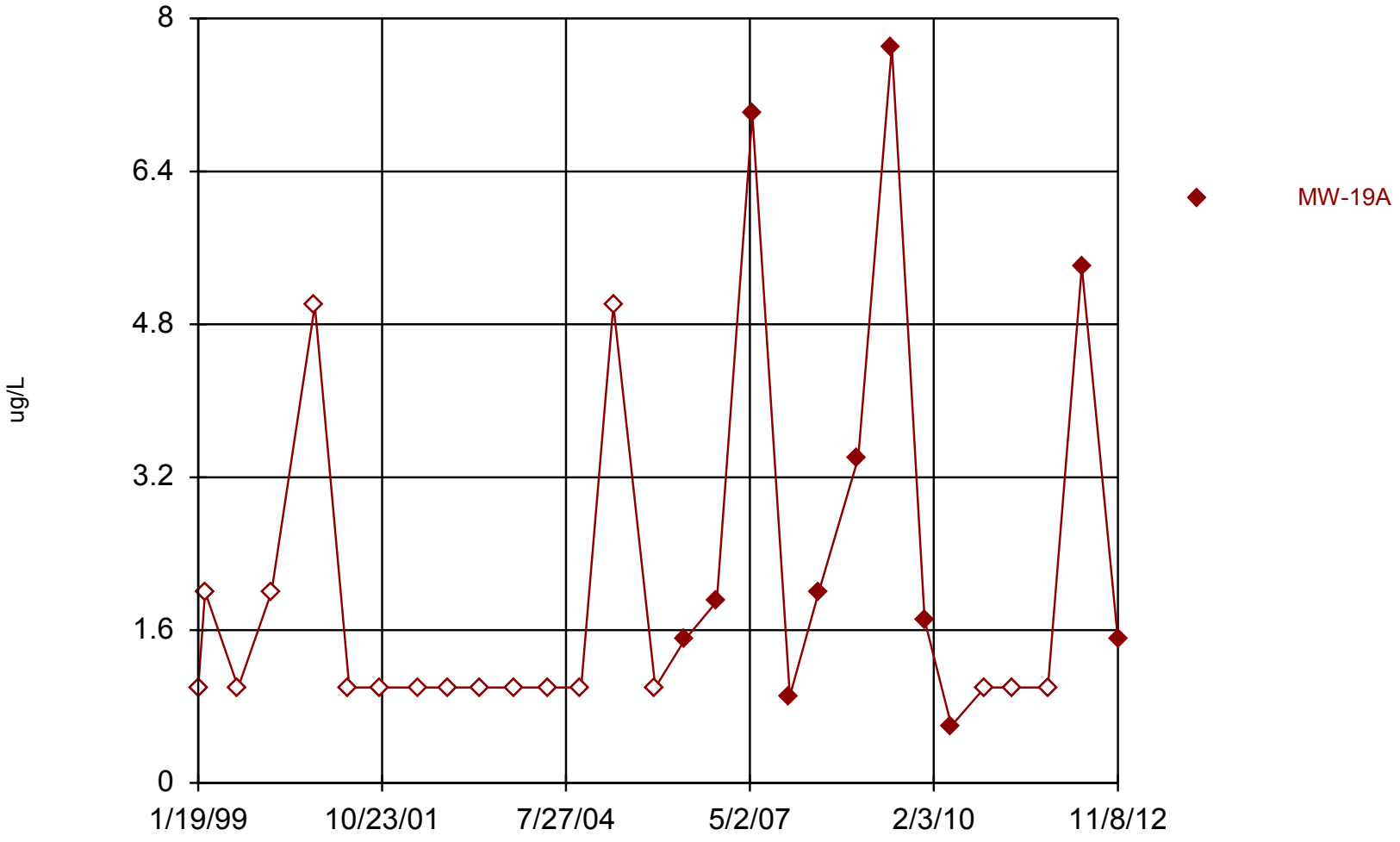


Constituent: Benzene Analysis Run 11/28/2012 11:10 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

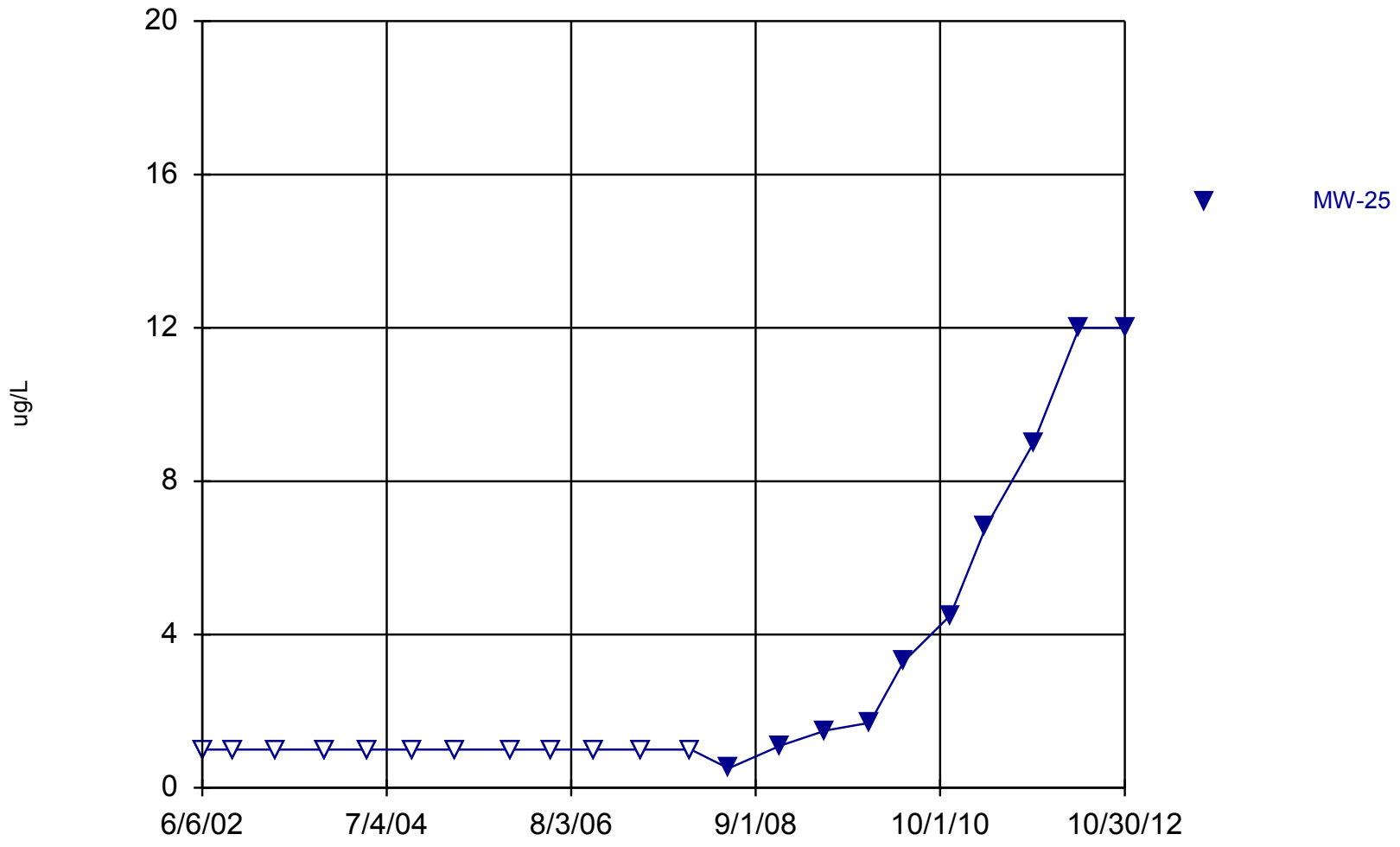


Constituent: 14-Dichlorobenzene Analysis Run 11/28/2012 11:11 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

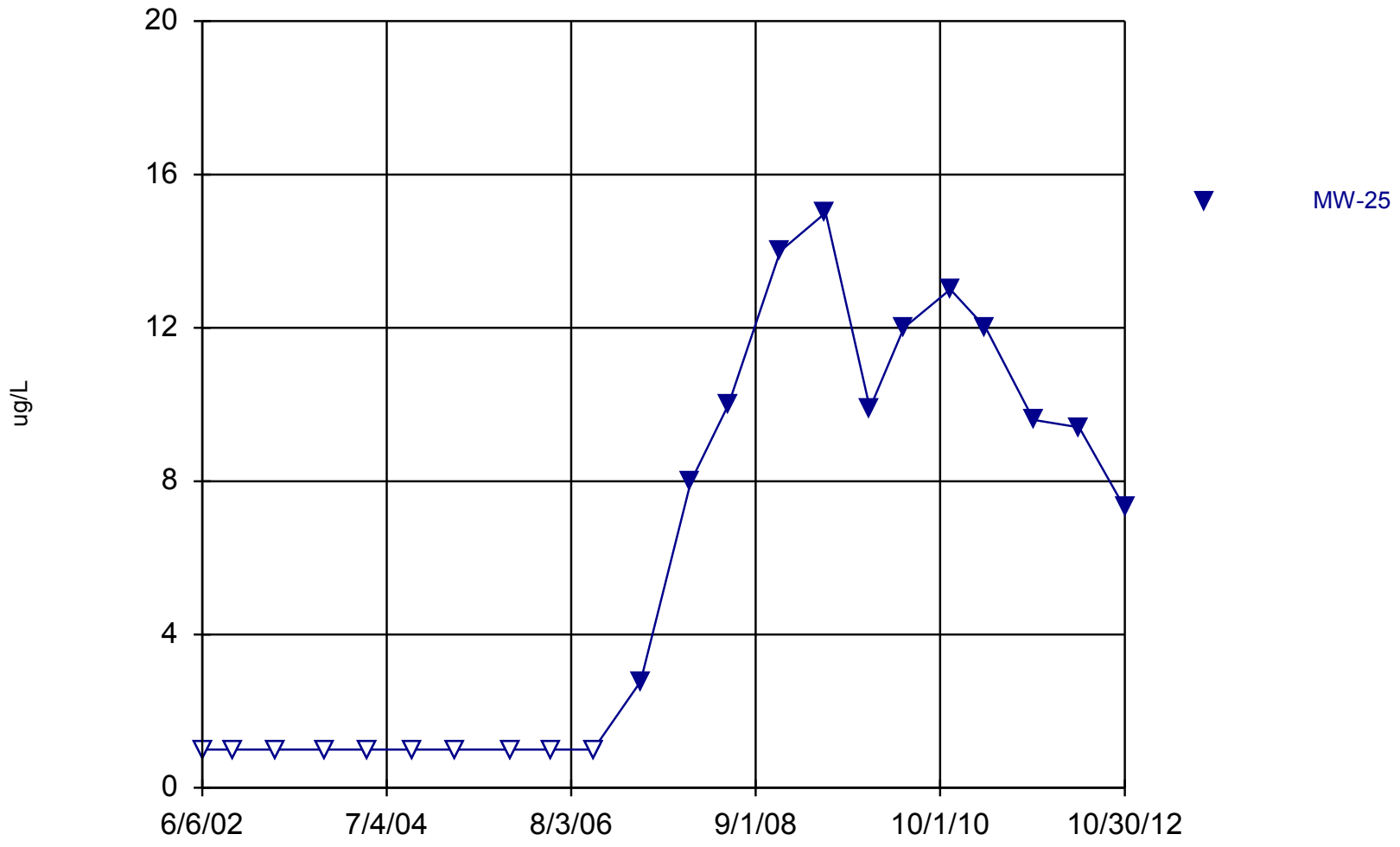


Constituent: 14-Dichlorobenzene Analysis Run 11/28/2012 11:11 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series

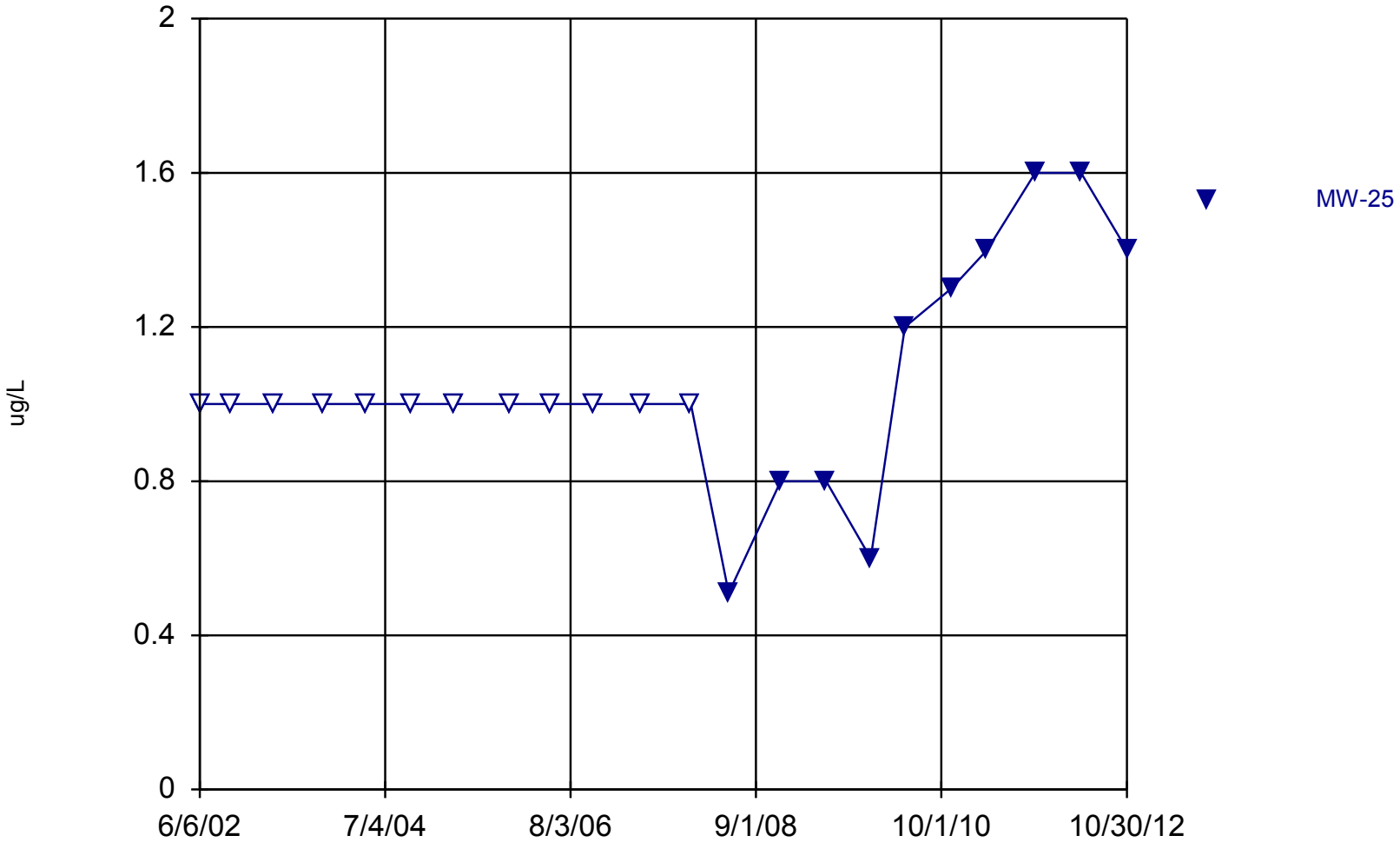


Constituent: cis-12-Dichloroethylene Analysis Run 11/28/2012 11:11 AM

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

Sanitas™ v.9.3.19 n/a. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Vinyl chloride Analysis Run 11/28/2012 11:11 AM

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

APPENDIX C
LABORATORY ANALYTICAL REPORT

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: AVK0002

Project: Charlotte Motor Speedway

Project #:[none]

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

Attention: Mr. Mike Gurley

November 20, 2012

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:

Judy Wagner
Project Manager

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 20, 2012

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1304-MW17	AVK0002-01	Ground Water	10/30/12 11:42	11/01/12 07:40
1304-MW17A	AVK0002-02	Ground Water	10/30/12 14:14	11/01/12 07:40
1304-MW18A	AVK0002-03	Ground Water	10/30/12 14:56	11/01/12 07:40
1304-MW19	AVK0002-04	Ground Water	10/30/12 11:50	11/01/12 07:40
1304-MW19AR	AVK0002-05	Ground Water	10/30/12 13:53	11/01/12 07:40
1304-MW19R	AVK0002-06	Ground Water	10/30/12 14:21	11/01/12 07:40
1304-MW20B	AVK0002-07	Ground Water	10/30/12 15:58	11/01/12 07:40
1304-MW22	AVK0002-08	Ground Water	10/30/12 10:41	11/01/12 07:40
1304-MW22A	AVK0002-09	Ground Water	10/30/12 10:15	11/01/12 07:40
1304-MW21	AVK0002-10	Ground Water	10/30/12 09:13	11/01/12 07:40
1304-MW24	AVK0002-11	Ground Water	10/30/12 10:30	11/01/12 07:40
1304-MW25	AVK0002-12	Ground Water	10/30/12 09:00	11/01/12 07:40
1304-Trip Blank	AVK0002-13	Water	10/30/12 00:00	11/01/12 07:40
1304-Duplicate	AVK0002-14	Ground Water	10/30/12 00:00	11/01/12 07:40

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November 20, 2012

Case Narrative

Report was revised to include MW-18A which was thought to have been resampled at a later date but in fact was sampled on 10/30 and is included with this report.

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW17
Lab No: AVK0002-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 11:42
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	378	1	1	umhos/cm		1	COND	10/30/12 11:42	10/30/12 11:42	2110076
Dissolved Oxygen	SM 4500-O G	NA	ND	0.0	1	ug/L		0.0	NA	10/30/12 11:42	10/30/12 11:42	2110076
Field - pH	EPA 9040C	NA	5.98		1	pH Units			PH	10/30/12 11:42	10/30/12 11:42	2110076
Field - Temperature	SM 2550 B	NA	16.9		1	°C			TEMP	10/30/12 11:42	10/30/12 11:42	2110076
Field - Turbidity	EPA 180.1	NA	1.70		1	NTU			TURB	10/30/12 11:42	10/30/12 11:42	2110076
Field - Water Level	NA	NA	14.20		1	feet			WL	10/30/12 11:42	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	28.00		1	feet				10/30/12 11:42	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.40	6.00	1	ug/L	J	0.19	7440-36-0	11/05/12 09:00	11/06/12 13:03	2110067
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/05/12 09:00	11/06/12 13:03	2110067
Barium	EPA 6020A	EPA 3005A	151	100	1	ug/L		0.49	7440-39-3	11/05/12 09:00	11/06/12 13:03	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 13:03	2110067
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/05/12 09:00	11/06/12 13:03	2110067
Chromium	EPA 6020A	EPA 3005A	1.47	10.0	1	ug/L	J	0.71	7440-47-3	11/05/12 09:00	11/06/12 13:03	2110067
Cobalt	EPA 6020A	EPA 3005A	0.54	10.0	1	ug/L	J	0.17	7440-48-4	11/05/12 09:00	11/06/12 13:03	2110067
Copper	EPA 6020A	EPA 3005A	0.83	10.0	1	ug/L	J	0.18	7440-50-8	11/05/12 09:00	11/06/12 13:03	2110067
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/05/12 09:00	11/06/12 13:03	2110067
Nickel	EPA 6020A	EPA 3005A	1.84	50.0	1	ug/L	J	0.18	7440-02-0	11/05/12 09:00	11/06/12 13:03	2110067
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/05/12 09:00	11/06/12 13:03	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 13:03	2110067
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/05/12 09:00	11/06/12 13:03	2110067

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW17
Lab No: AVK0002-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 11:42
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		1.70	7440-62-2	11/05/12 09:00	11/06/12 13:03	2110067
Zinc	EPA 6020A	EPA 3005A	1.41	10.0	1	ug/L	J	0.27	7440-66-6	11/05/12 09:00	11/06/12 13:03	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:09	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 13:03	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 13:37	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 13:37	2101015
Benzene	EPA 8260B	EPA 5030B	2.8	1.0	1	ug/L		0.1	71-43-2	11/01/12 13:00	11/01/12 13:37	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 13:37	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 13:37	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 13:37	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 13:37	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 13:37	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 13:37	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/01/12 13:00	11/01/12 13:37	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 13:37	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 13:37	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 13:37	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 13:37	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 13:37	2101015
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/01/12 13:00	11/01/12 13:37	2101015

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW17
Lab No: AVK0002-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 11:42
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 13:37	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 13:37	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 13:37	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 13:37	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	1.2	5.0	1	ug/L	J	0.2	75-34-3	11/01/12 13:00	11/01/12 13:37	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 13:37	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 13:37	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	5.9	5.0	1	ug/L		0.2	156-59-2	11/01/12 13:00	11/01/12 13:37	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	0.6	5.0	1	ug/L	J	0.3	156-60-5	11/01/12 13:00	11/01/12 13:37	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 13:37	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 13:37	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 13:37	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 13:37	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 13:37	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 13:37	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	0.5	1.0	1	ug/L	J	0.2	75-09-2	11/01/12 13:00	11/01/12 13:37	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 13:37	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 13:37	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 13:37	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 13:37	2101015
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/01/12 13:00	11/01/12 13:37	2101015

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW17
Lab No: AVK0002-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 11:42
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	1.4	1.0	1	ug/L		0.2	127-18-4	11/01/12 13:00	11/01/12 13:37	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 13:37	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 13:37	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 13:37	2101015
Trichloroethene	EPA 8260B	EPA 5030B	1.5	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 13:37	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 13:37	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 13:37	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 13:37	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	0.7	1.0	1	ug/L	J	0.2	75-01-4	11/01/12 13:00	11/01/12 13:37	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 13:37	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	103 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 13:37	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	100 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 13:37	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 13:37	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	106 %		80-120				460-00-4	11/01/12 13:00	11/01/12 13:37	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 13:37	2101015

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW17A
Lab No: AVK0002-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:14
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	570	1	1	umhos/cm		1	COND	10/30/12 14:14	10/30/12 14:14	2110076
Dissolved Oxygen	SM 4500-O G	NA	ND	0.0	1	ug/L		0.0	NA	10/30/12 14:14	10/30/12 14:14	2110076
Field - pH	EPA 9040C	NA	6.26		1	pH Units			PH	10/30/12 14:14	10/30/12 14:14	2110076
Field - Temperature	SM 2550 B	NA	16.1		1	°C			TEMP	10/30/12 14:14	10/30/12 14:14	2110076
Field - Turbidity	EPA 180.1	NA	1.35		1	NTU			TURB	10/30/12 14:14	10/30/12 14:14	2110076
Field - Water Level	NA	NA	13.75		1	feet			WL	10/30/12 14:14	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	40.00		1	feet				10/30/12 14:14	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/05/12 09:00	11/06/12 13:08	2110067
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/05/12 09:00	11/06/12 13:08	2110067
Barium	EPA 6020A	EPA 3005A	187	100	1	ug/L		0.49	7440-39-3	11/05/12 09:00	11/06/12 13:08	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 13:08	2110067
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/05/12 09:00	11/06/12 13:08	2110067
Chromium	EPA 6020A	EPA 3005A	0.77	10.0	1	ug/L	J	0.71	7440-47-3	11/05/12 09:00	11/06/12 13:08	2110067
Cobalt	EPA 6020A	EPA 3005A	0.27	10.0	1	ug/L	J	0.17	7440-48-4	11/05/12 09:00	11/06/12 13:08	2110067
Copper	EPA 6020A	EPA 3005A	0.78	10.0	1	ug/L	J	0.18	7440-50-8	11/05/12 09:00	11/06/12 13:08	2110067
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/05/12 09:00	11/06/12 13:08	2110067
Nickel	EPA 6020A	EPA 3005A	3.03	50.0	1	ug/L	J	0.18	7440-02-0	11/05/12 09:00	11/06/12 13:08	2110067
Selenium	EPA 6020A	EPA 3005A	1.22	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/06/12 13:08	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 13:08	2110067
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/05/12 09:00	11/06/12 13:08	2110067

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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 20, 2012

Client ID: 1304-MW17A
Lab No: AVK0002-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:14
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		1.70	7440-62-2	11/05/12 09:00	11/06/12 13:08	2110067
Zinc	EPA 6020A	EPA 3005A	1.96	10.0	1	ug/L	J	0.27	7440-66-6	11/05/12 09:00	11/06/12 13:08	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:12	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 13:08	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 14:06	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 14:06	2101015
Benzene	EPA 8260B	EPA 5030B	0.4	1.0	1	ug/L	J	0.1	71-43-2	11/01/12 13:00	11/01/12 14:06	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 14:06	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 14:06	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 14:06	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 14:06	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 14:06	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 14:06	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/01/12 13:00	11/01/12 14:06	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 14:06	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 14:06	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 14:06	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 14:06	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 14:06	2101015
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/01/12 13:00	11/01/12 14:06	2101015

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ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW17A
Lab No: AVK0002-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:14
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 14:06	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 14:06	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 14:06	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 14:06	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.4	5.0	1	ug/L	J	0.2	75-34-3	11/01/12 13:00	11/01/12 14:06	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 14:06	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 14:06	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	1.0	5.0	1	ug/L	J	0.2	156-59-2	11/01/12 13:00	11/01/12 14:06	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 14:06	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 14:06	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 14:06	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 14:06	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 14:06	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 14:06	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 14:06	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/01/12 13:00	11/01/12 14:06	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 14:06	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 14:06	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 14:06	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 14:06	2101015
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/01/12 13:00	11/01/12 14:06	2101015

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW17A
Lab No: AVK0002-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:14
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	0.4	1.0	1	ug/L	J	0.2	127-18-4	11/01/12 13:00	11/01/12 14:06	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 14:06	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 14:06	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 14:06	2101015
Trichloroethene	EPA 8260B	EPA 5030B	0.4	1.0	1	ug/L	J	0.2	79-01-6	11/01/12 13:00	11/01/12 14:06	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 14:06	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 14:06	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 14:06	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/01/12 13:00	11/01/12 14:06	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 14:06	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	99 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 14:06	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	96 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 14:06	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 14:06	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	11/01/12 13:00	11/01/12 14:06	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 14:06	2101015

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW18A
Lab No: AVK0002-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:56
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	1170	1	1	umhos/cm		1	COND	10/30/12 14:56	10/30/12 14:56	2110076
Dissolved Oxygen	SM 4500-O G	NA	1140	0.0	1	ug/L		0.0	NA	10/30/12 14:56	10/30/12 14:56	2110076
Field - pH	EPA 9040C	NA	6.00		1	pH Units			PH	10/30/12 14:56	10/30/12 14:56	2110076
Field - Temperature	SM 2550 B	NA	21.0		1	°C			TEMP	10/30/12 14:56	10/30/12 14:56	2110076
Field - Turbidity	EPA 180.1	NA	1.10		1	NTU			TURB	10/30/12 14:56	10/30/12 14:56	2110076
Field - Water Level	NA	NA	19.46		1	feet			WL	10/30/12 14:56	10/30/12 14:56	2110283
Field - Well Depth	NA	NA	28.00		1	feet				10/30/12 14:56	10/30/12 14:56	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.19	6.00	1	ug/L	J	0.19	7440-36-0	11/05/12 09:00	11/06/12 13:13	2110067
Arsenic	EPA 6020A	EPA 3005A	3.85	10.0	1	ug/L	J	1.20	7440-38-2	11/05/12 09:00	11/06/12 13:13	2110067
Barium	EPA 6020A	EPA 3005A	596	100	1	ug/L		0.49	7440-39-3	11/05/12 09:00	11/06/12 13:13	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 13:13	2110067
Cadmium	EPA 6020A	EPA 3005A	0.17	1.00	1	ug/L	J	0.06	7440-43-9	11/05/12 09:00	11/06/12 13:13	2110067
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.71	7440-47-3	11/05/12 09:00	11/06/12 13:13	2110067
Cobalt	EPA 6020A	EPA 3005A	5.51	10.0	1	ug/L	J	0.17	7440-48-4	11/05/12 09:00	11/06/12 13:13	2110067
Copper	EPA 6020A	EPA 3005A	1.34	10.0	1	ug/L	J	0.18	7440-50-8	11/05/12 09:00	11/06/12 13:13	2110067
Lead	EPA 6020A	EPA 3005A	0.10	10.0	1	ug/L	J	0.09	7439-92-1	11/05/12 09:00	11/06/12 13:13	2110067
Nickel	EPA 6020A	EPA 3005A	9.43	50.0	1	ug/L	J	0.18	7440-02-0	11/05/12 09:00	11/06/12 13:13	2110067
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/05/12 09:00	11/08/12 11:15	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 13:13	2110067

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW18A
Lab No: AVK0002-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:56
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.23	7440-28-0	11/05/12 09:00	11/06/12 13:13	2110067
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.70	7440-62-2	11/05/12 09:00	11/06/12 13:13	2110067
Zinc	EPA 6020A	EPA 3005A	26.9	10.0	1	ug/L		0.27	7440-66-6	11/05/12 09:00	11/06/12 13:13	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:14	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 13:13	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 14:34	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 14:34	2101015
Benzene	EPA 8260B	EPA 5030B	1.6	1.0	1	ug/L		0.1	71-43-2	11/01/12 13:00	11/01/12 14:34	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 14:34	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 14:34	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 14:34	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 14:34	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	5.6	100	1	ug/L	J	1.5	75-15-0	11/01/12 13:00	11/01/12 14:34	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 14:34	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	0.9	3.0	1	ug/L	J	0.3	108-90-7	11/01/12 13:00	11/01/12 14:34	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 14:34	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 14:34	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 14:34	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 14:34	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 14:34	2101015

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Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW18A
Lab No: AVK0002-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:56
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 14:34	2101015
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/01/12 13:00	11/01/12 14:34	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 14:34	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 14:34	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 14:34	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	1.1	5.0	1	ug/L	J	0.2	75-34-3	11/01/12 13:00	11/01/12 14:34	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 14:34	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 14:34	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	3.8	5.0	1	ug/L	J	0.2	156-59-2	11/01/12 13:00	11/01/12 14:34	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 14:34	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 14:34	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 14:34	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 14:34	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 14:34	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 14:34	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 14:34	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	0.3	1.0	1	ug/L	J	0.2	75-09-2	11/01/12 13:00	11/01/12 14:34	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 14:34	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 14:34	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 14:34	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 14:34	2101015

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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 20, 2012

Client ID: 1304-MW18A
Lab No: AVK0002-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:56
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	79-34-5	11/01/12 13:00	11/01/12 14:34	2101015
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/01/12 13:00	11/01/12 14:34	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 14:34	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 14:34	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 14:34	2101015
Trichloroethene	EPA 8260B	EPA 5030B	0.3	1.0	1	ug/L	J	0.2	79-01-6	11/01/12 13:00	11/01/12 14:34	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 14:34	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 14:34	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 14:34	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	0.6	1.0	1	ug/L	J	0.2	75-01-4	11/01/12 13:00	11/01/12 14:34	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 14:34	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	102 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 14:34	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	99 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 14:34	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 14:34	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	11/01/12 13:00	11/01/12 14:34	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 14:34	2101015

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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 20, 2012

Client ID: 1304-MW19
Lab No: AVK0002-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 11:50
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	849	1	1	umhos/cm		1	COND	10/30/12 11:50	10/30/12 11:50	2110076
Dissolved Oxygen	SM 4500-O G	NA	1170	0.0	1	ug/L		0.0	NA	10/30/12 11:50	10/30/12 11:50	2110076
Field - pH	EPA 9040C	NA	6.49		1	pH Units			PH	10/30/12 11:50	10/30/12 11:50	2110076
Field - Temperature	SM 2550 B	NA	18.0		1	°C			TEMP	10/30/12 11:50	10/30/12 11:50	2110076
Field - Turbidity	EPA 180.1	NA	1.08		1	NTU			TURB	10/30/12 11:50	10/30/12 11:50	2110076
Field - Water Level	NA	NA	30.99		1	feet			WL	10/30/12 11:50	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	40.00		1	feet				10/30/12 11:50	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/05/12 09:00	11/06/12 13:18	2110067
Arsenic	EPA 6020A	EPA 3005A	2.17	10.0	1	ug/L	J	1.20	7440-38-2	11/05/12 09:00	11/06/12 13:18	2110067
Barium	EPA 6020A	EPA 3005A	242	100	1	ug/L		0.49	7440-39-3	11/05/12 09:00	11/06/12 13:18	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 13:18	2110067
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/05/12 09:00	11/06/12 13:18	2110067
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.71	7440-47-3	11/05/12 09:00	11/06/12 13:18	2110067
Cobalt	EPA 6020A	EPA 3005A	0.93	10.0	1	ug/L	J	0.17	7440-48-4	11/05/12 09:00	11/06/12 13:18	2110067
Copper	EPA 6020A	EPA 3005A	1.13	10.0	1	ug/L	J	0.18	7440-50-8	11/05/12 09:00	11/06/12 13:18	2110067
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/05/12 09:00	11/06/12 13:18	2110067
Nickel	EPA 6020A	EPA 3005A	35.2	50.0	1	ug/L	J	0.18	7440-02-0	11/05/12 09:00	11/06/12 13:18	2110067
Selenium	EPA 6020A	EPA 3005A	5.08	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/06/12 13:18	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 13:18	2110067
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/05/12 09:00	11/06/12 13:18	2110067

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW19
Lab No: AVK0002-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 11:50
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		1.70	7440-62-2	11/05/12 09:00	11/06/12 13:18	2110067
Zinc	EPA 6020A	EPA 3005A	0.79	10.0	1	ug/L	J	0.27	7440-66-6	11/05/12 09:00	11/06/12 13:18	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:16	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 13:18	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 15:03	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 15:03	2101015
Benzene	EPA 8260B	EPA 5030B	0.5	1.0	1	ug/L	J	0.1	71-43-2	11/01/12 13:00	11/01/12 15:03	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 15:03	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 15:03	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 15:03	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 15:03	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 15:03	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 15:03	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	0.5	3.0	1	ug/L	J	0.3	108-90-7	11/01/12 13:00	11/01/12 15:03	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 15:03	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 15:03	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 15:03	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 15:03	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 15:03	2101015
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/01/12 13:00	11/01/12 15:03	2101015

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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 20, 2012

Client ID: 1304-MW19
Lab No: AVK0002-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 11:50
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 15:03	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 15:03	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 15:03	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 15:03	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.4	5.0	1	ug/L	J	0.2	75-34-3	11/01/12 13:00	11/01/12 15:03	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 15:03	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 15:03	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	0.5	5.0	1	ug/L	J	0.2	156-59-2	11/01/12 13:00	11/01/12 15:03	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 15:03	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 15:03	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 15:03	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 15:03	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 15:03	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 15:03	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 15:03	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/01/12 13:00	11/01/12 15:03	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 15:03	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 15:03	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 15:03	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 15:03	2101015
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/01/12 13:00	11/01/12 15:03	2101015

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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 20, 2012

Client ID: 1304-MW19
Lab No: AVK0002-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 11:50
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	127-18-4	11/01/12 13:00	11/01/12 15:03	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 15:03	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 15:03	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 15:03	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 15:03	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 15:03	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 15:03	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 15:03	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/01/12 13:00	11/01/12 15:03	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 15:03	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	102 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 15:03	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	99 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 15:03	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	98 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 15:03	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	11/01/12 13:00	11/01/12 15:03	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 15:03	2101015

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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 20, 2012

Client ID: 1304-MW19AR
Lab No: AVK0002-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 13:53
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	2630	1	1	umhos/cm		1	COND	10/30/12 13:53	10/30/12 13:53	2110076
Dissolved Oxygen	SM 4500-O G	NA	1070	0.0	1	ug/L		0.0	NA	10/30/12 13:53	10/30/12 13:53	2110076
Field - pH	EPA 9040C	NA	6.48		1	pH Units			PH	10/30/12 13:53	10/30/12 13:53	2110076
Field - Temperature	SM 2550 B	NA	18.9		1	°C			TEMP	10/30/12 13:53	10/30/12 13:53	2110076
Field - Turbidity	EPA 180.1	NA	1.07		1	NTU			TURB	10/30/12 13:53	10/30/12 13:53	2110076
Field - Water Level	NA	NA	27.88		1	feet			WL	10/30/12 13:53	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	51.00		1	feet				10/30/12 13:53	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.66	6.00	1	ug/L	J	0.19	7440-36-0	11/05/12 09:00	11/06/12 13:23	2110067
Arsenic	EPA 6020A	EPA 3005A	5.80	10.0	1	ug/L	J	1.20	7440-38-2	11/05/12 09:00	11/06/12 13:23	2110067
Barium	EPA 6020A	EPA 3005A	244	100	1	ug/L		0.49	7440-39-3	11/05/12 09:00	11/06/12 13:23	2110067
Beryllium	EPA 6020A	EPA 3005A	0.24	1.00	1	ug/L	J	0.09	7440-41-7	11/05/12 09:00	11/06/12 13:23	2110067
Cadmium	EPA 6020A	EPA 3005A	1.06	1.00	1	ug/L		0.06	7440-43-9	11/05/12 09:00	11/06/12 13:23	2110067
Chromium	EPA 6020A	EPA 3005A	37.8	10.0	1	ug/L		0.71	7440-47-3	11/05/12 09:00	11/06/12 13:23	2110067
Cobalt	EPA 6020A	EPA 3005A	22.8	10.0	1	ug/L		0.17	7440-48-4	11/05/12 09:00	11/06/12 13:23	2110067
Copper	EPA 6020A	EPA 3005A	19.7	10.0	1	ug/L		0.18	7440-50-8	11/05/12 09:00	11/06/12 13:23	2110067
Lead	EPA 6020A	EPA 3005A	1.62	10.0	1	ug/L	J	0.09	7439-92-1	11/05/12 09:00	11/06/12 13:23	2110067
Nickel	EPA 6020A	EPA 3005A	72.6	50.0	1	ug/L		0.18	7440-02-0	11/05/12 09:00	11/06/12 13:23	2110067
Selenium	EPA 6020A	EPA 3005A	6.82	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/08/12 11:18	2110067
Silver	EPA 6020A	EPA 3005A	1.96	10.0	1	ug/L	J	0.10	7440-22-4	11/05/12 09:00	11/06/12 13:23	2110067

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW19AR
Lab No: AVK0002-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 13:53
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.23	7440-28-0	11/05/12 09:00	11/06/12 13:23	2110067
Vanadium	EPA 6020A	EPA 3005A	5.87	25.0	1	ug/L	J	1.70	7440-62-2	11/05/12 09:00	11/06/12 13:23	2110067
Zinc	EPA 6020A	EPA 3005A	32.1	10.0	1	ug/L		0.27	7440-66-6	11/05/12 09:00	11/06/12 13:23	2110067
Mercury	EPA 7470A	EPA 7470A	0.120	0.200	1	ug/L	J	0.061	7439-97-6	11/07/12 13:15	11/08/12 16:19	2110121
Tin	EPA 6020A	EPA 3005A	1.8	100	1	ug/L	J	0.8	7440-31-5	11/05/12 09:00	11/06/12 13:23	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 15:31	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 15:31	2101015
Benzene	EPA 8260B	EPA 5030B	2.9	1.0	1	ug/L		0.1	71-43-2	11/01/12 13:00	11/01/12 15:31	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 15:31	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 15:31	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 15:31	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 15:31	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 15:31	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 15:31	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	2.6	3.0	1	ug/L	J	0.3	108-90-7	11/01/12 13:00	11/01/12 15:31	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 15:31	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 15:31	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 15:31	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 15:31	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 15:31	2101015

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW19AR
Lab No: AVK0002-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 13:53
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 15:31	2101015
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/01/12 13:00	11/01/12 15:31	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 15:31	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	4.0	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 15:31	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 15:31	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.5	5.0	1	ug/L	J	0.2	75-34-3	11/01/12 13:00	11/01/12 15:31	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 15:31	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 15:31	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	0.3	5.0	1	ug/L	J	0.2	156-59-2	11/01/12 13:00	11/01/12 15:31	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 15:31	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 15:31	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 15:31	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 15:31	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 15:31	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 15:31	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 15:31	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	0.2	1.0	1	ug/L	J	0.2	75-09-2	11/01/12 13:00	11/01/12 15:31	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 15:31	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 15:31	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 15:31	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 15:31	2101015

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW19AR
Lab No: AVK0002-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 13:53
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	79-34-5	11/01/12 13:00	11/01/12 15:31	2101015
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/01/12 13:00	11/01/12 15:31	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 15:31	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 15:31	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 15:31	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 15:31	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 15:31	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 15:31	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 15:31	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	0.3	1.0	1	ug/L	J	0.2	75-01-4	11/01/12 13:00	11/01/12 15:31	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 15:31	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	101 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 15:31	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	100 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 15:31	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	97 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 15:31	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	105 %		80-120				460-00-4	11/01/12 13:00	11/01/12 15:31	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 15:31	2101015

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW19R
Lab No: AVK0002-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:21
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	2710	1	1	umhos/cm		1	COND	10/30/12 14:21	10/30/12 14:21	2110076
Dissolved Oxygen	SM 4500-O G	NA	200	0.0	1	ug/L		0.0	NA	10/30/12 14:21	10/30/12 14:21	2110076
Field - pH	EPA 9040C	NA	6.11		1	pH Units			PH	10/30/12 14:21	10/30/12 14:21	2110076
Field - Temperature	SM 2550 B	NA	16.9		1	°C			TEMP	10/30/12 14:21	10/30/12 14:21	2110076
Field - Turbidity	EPA 180.1	NA	1.10		1	NTU			TURB	10/30/12 14:21	10/30/12 14:21	2110076
Field - Water Level	NA	NA	26.79		1	feet			WL	10/30/12 14:21	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	35.00		1	feet				10/30/12 14:21	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.34	6.00	1	ug/L	J	0.19	7440-36-0	11/05/12 09:00	11/06/12 13:56	2110067
Arsenic	EPA 6020A	EPA 3005A	7.25	10.0	1	ug/L	J	1.20	7440-38-2	11/05/12 09:00	11/06/12 13:56	2110067
Barium	EPA 6020A	EPA 3005A	1010	100	1	ug/L		0.49	7440-39-3	11/05/12 09:00	11/06/12 13:56	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 13:56	2110067
Cadmium	EPA 6020A	EPA 3005A	0.72	1.00	1	ug/L	J	0.06	7440-43-9	11/05/12 09:00	11/06/12 13:56	2110067
Chromium	EPA 6020A	EPA 3005A	2.63	10.0	1	ug/L	J	0.71	7440-47-3	11/05/12 09:00	11/06/12 13:56	2110067
Cobalt	EPA 6020A	EPA 3005A	19.5	10.0	1	ug/L		0.17	7440-48-4	11/05/12 09:00	11/06/12 13:56	2110067
Copper	EPA 6020A	EPA 3005A	13.2	10.0	1	ug/L		0.18	7440-50-8	11/05/12 09:00	11/06/12 13:56	2110067
Lead	EPA 6020A	EPA 3005A	0.93	10.0	1	ug/L	J	0.09	7439-92-1	11/05/12 09:00	11/06/12 13:56	2110067
Nickel	EPA 6020A	EPA 3005A	47.2	50.0	1	ug/L	J	0.18	7440-02-0	11/05/12 09:00	11/06/12 13:56	2110067
Selenium	EPA 6020A	EPA 3005A	7.36	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/08/12 11:21	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 13:56	2110067

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW19R
Lab No: AVK0002-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:21
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.23	7440-28-0	11/05/12 09:00	11/06/12 13:56	2110067
Vanadium	EPA 6020A	EPA 3005A	4.91	25.0	1	ug/L	J	1.70	7440-62-2	11/05/12 09:00	11/06/12 13:56	2110067
Zinc	EPA 6020A	EPA 3005A	27.4	10.0	1	ug/L		0.27	7440-66-6	11/05/12 09:00	11/06/12 13:56	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:26	2110121
Tin	EPA 6020A	EPA 3005A	1.5	100	1	ug/L	J	0.8	7440-31-5	11/05/12 09:00	11/06/12 13:56	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 16:00	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 16:00	2101015
Benzene	EPA 8260B	EPA 5030B	3.3	1.0	1	ug/L		0.1	71-43-2	11/01/12 13:00	11/01/12 16:00	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 16:00	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 16:00	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 16:00	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 16:00	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 16:00	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 16:00	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	3.1	3.0	1	ug/L		0.3	108-90-7	11/01/12 13:00	11/01/12 16:00	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 16:00	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 16:00	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 16:00	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 16:00	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 16:00	2101015

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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 20, 2012

Client ID: 1304-MW19R
Lab No: AVK0002-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:21
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 16:00	2101015
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/01/12 13:00	11/01/12 16:00	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 16:00	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	5.1	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 16:00	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 16:00	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.4	5.0	1	ug/L	J	0.2	75-34-3	11/01/12 13:00	11/01/12 16:00	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 16:00	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 16:00	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	0.3	5.0	1	ug/L	J	0.2	156-59-2	11/01/12 13:00	11/01/12 16:00	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 16:00	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 16:00	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 16:00	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 16:00	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 16:00	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 16:00	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 16:00	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	0.4	1.0	1	ug/L	J	0.2	75-09-2	11/01/12 13:00	11/01/12 16:00	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 16:00	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 16:00	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 16:00	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 16:00	2101015

ANALYTICAL SERVICES, INC.

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW19R
Lab No: AVK0002-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 14:21
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	79-34-5	11/01/12 13:00	11/01/12 16:00	2101015
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/01/12 13:00	11/01/12 16:00	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 16:00	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 16:00	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 16:00	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 16:00	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 16:00	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 16:00	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 16:00	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	0.2	1.0	1	ug/L	J	0.2	75-01-4	11/01/12 13:00	11/01/12 16:00	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 16:00	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	101 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 16:00	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	98 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 16:00	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 16:00	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	106 %		80-120				460-00-4	11/01/12 13:00	11/01/12 16:00	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 16:00	2101015

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW20B
Lab No: AVK0002-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 15:58
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	862	1	1	umhos/cm		1	COND	10/30/12 15:58	10/30/12 15:58	2110076
Dissolved Oxygen	SM 4500-O G	NA	ND	0.0	1	ug/L		0.0	NA	10/30/12 15:58	10/30/12 15:58	2110076
Field - pH	EPA 9040C	NA	6.44		1	pH Units			PH	10/30/12 15:58	10/30/12 15:58	2110076
Field - Temperature	SM 2550 B	NA	16.7		1	°C			TEMP	10/30/12 15:58	10/30/12 15:58	2110076
Field - Turbidity	EPA 180.1	NA	2.92		1	NTU			TURB	10/30/12 15:58	10/30/12 15:58	2110076
Field - Water Level	NA	NA	7.05		1	feet			WL	10/30/12 15:58	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	60.00		1	feet				10/30/12 15:58	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/05/12 09:00	11/06/12 14:01	2110067
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/05/12 09:00	11/06/12 14:01	2110067
Barium	EPA 6020A	EPA 3005A	547	100	1	ug/L		0.49	7440-39-3	11/05/12 09:00	11/06/12 14:01	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 14:01	2110067
Cadmium	EPA 6020A	EPA 3005A	1.38	1.00	1	ug/L		0.06	7440-43-9	11/05/12 09:00	11/06/12 14:01	2110067
Chromium	EPA 6020A	EPA 3005A	3.04	10.0	1	ug/L	J	0.71	7440-47-3	11/05/12 09:00	11/06/12 14:01	2110067
Cobalt	EPA 6020A	EPA 3005A	4.03	10.0	1	ug/L	J	0.17	7440-48-4	11/05/12 09:00	11/06/12 14:01	2110067
Copper	EPA 6020A	EPA 3005A	1.98	10.0	1	ug/L	J	0.18	7440-50-8	11/05/12 09:00	11/06/12 14:01	2110067
Lead	EPA 6020A	EPA 3005A	0.21	10.0	1	ug/L	J	0.09	7439-92-1	11/05/12 09:00	11/06/12 14:01	2110067
Nickel	EPA 6020A	EPA 3005A	31.7	50.0	1	ug/L	J	0.18	7440-02-0	11/05/12 09:00	11/06/12 14:01	2110067
Selenium	EPA 6020A	EPA 3005A	3.78	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/06/12 14:01	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 14:01	2110067

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW20B
Lab No: AVK0002-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 15:58
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.23	7440-28-0	11/05/12 09:00	11/06/12 14:01	2110067
Vanadium	EPA 6020A	EPA 3005A	2.09	25.0	1	ug/L	J	1.70	7440-62-2	11/05/12 09:00	11/06/12 14:01	2110067
Zinc	EPA 6020A	EPA 3005A	25.2	10.0	1	ug/L		0.27	7440-66-6	11/05/12 09:00	11/06/12 14:01	2110067
Mercury	EPA 7470A	EPA 7470A	0.072	0.200	1	ug/L	J	0.061	7439-97-6	11/07/12 13:15	11/08/12 16:28	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 14:01	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 16:28	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 16:28	2101015
Benzene	EPA 8260B	EPA 5030B	0.6	1.0	1	ug/L	J	0.1	71-43-2	11/01/12 13:00	11/01/12 16:28	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 16:28	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 16:28	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 16:28	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 16:28	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 16:28	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 16:28	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	0.5	3.0	1	ug/L	J	0.3	108-90-7	11/01/12 13:00	11/01/12 16:28	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 16:28	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 16:28	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 16:28	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 16:28	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 16:28	2101015

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Environmental Monitoring & Laboratory Analysis
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Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW20B
Lab No: AVK0002-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 15:58
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 16:28	2101015
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/01/12 13:00	11/01/12 16:28	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 16:28	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	1.0	1.0	1	ug/L	J	0.3	106-46-7	11/01/12 13:00	11/01/12 16:28	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 16:28	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	4.7	5.0	1	ug/L	J	0.2	75-34-3	11/01/12 13:00	11/01/12 16:28	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 16:28	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 16:28	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	3.8	5.0	1	ug/L	J	0.2	156-59-2	11/01/12 13:00	11/01/12 16:28	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 16:28	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 16:28	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 16:28	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 16:28	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 16:28	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 16:28	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 16:28	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/01/12 13:00	11/01/12 16:28	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 16:28	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 16:28	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 16:28	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 16:28	2101015

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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 20, 2012

Client ID: 1304-MW20B
Lab No: AVK0002-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 15:58
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	79-34-5	11/01/12 13:00	11/01/12 16:28	2101015
Tetrachloroethene	EPA 8260B	EPA 5030B	0.2	1.0	1	ug/L	J	0.2	127-18-4	11/01/12 13:00	11/01/12 16:28	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 16:28	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 16:28	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 16:28	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 16:28	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 16:28	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 16:28	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 16:28	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	0.2	1.0	1	ug/L	J	0.2	75-01-4	11/01/12 13:00	11/01/12 16:28	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 16:28	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	99 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 16:28	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	99 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 16:28	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 16:28	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	11/01/12 13:00	11/01/12 16:28	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 16:28	2101015

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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 20, 2012

Client ID: 1304-MW22
Lab No: AVK0002-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:41
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	698	1	1	umhos/cm		1	COND	10/30/12 10:41	10/30/12 10:41	2110076
Dissolved Oxygen	SM 4500-O G	NA	270	0.0	1	ug/L		0.0	NA	10/30/12 10:41	10/30/12 10:41	2110076
Field - pH	EPA 9040C	NA	6.91		1	pH Units			PH	10/30/12 10:41	10/30/12 10:41	2110076
Field - Temperature	SM 2550 B	NA	20.2		1	°C			TEMP	10/30/12 10:41	10/30/12 10:41	2110076
Field - Turbidity	EPA 180.1	NA	0.93		1	NTU			TURB	10/30/12 10:41	10/30/12 10:41	2110076
Field - Water Level	NA	NA	5.60		1	feet			WL	10/30/12 10:41	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	13.00		1	feet				10/30/12 10:41	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/05/12 09:00	11/06/12 14:06	2110067
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/05/12 09:00	11/06/12 14:06	2110067
Barium	EPA 6020A	EPA 3005A	57.0	100	1	ug/L	J	0.49	7440-39-3	11/05/12 09:00	11/06/12 14:06	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 14:06	2110067
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/05/12 09:00	11/06/12 14:06	2110067
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.71	7440-47-3	11/05/12 09:00	11/06/12 14:06	2110067
Cobalt	EPA 6020A	EPA 3005A	10.8	10.0	1	ug/L		0.17	7440-48-4	11/05/12 09:00	11/06/12 14:06	2110067
Copper	EPA 6020A	EPA 3005A	15.1	10.0	1	ug/L		0.18	7440-50-8	11/05/12 09:00	11/06/12 14:06	2110067
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/05/12 09:00	11/06/12 14:06	2110067
Nickel	EPA 6020A	EPA 3005A	22.5	50.0	1	ug/L	J	0.18	7440-02-0	11/05/12 09:00	11/06/12 14:06	2110067
Selenium	EPA 6020A	EPA 3005A	2.17	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/06/12 14:06	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 14:06	2110067
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/05/12 09:00	11/06/12 14:06	2110067

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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 20, 2012

Client ID: 1304-MW22
Lab No: AVK0002-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:41
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		1.70	7440-62-2	11/05/12 09:00	11/06/12 14:06	2110067
Zinc	EPA 6020A	EPA 3005A	1.83	10.0	1	ug/L	J	0.27	7440-66-6	11/05/12 09:00	11/06/12 14:06	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:30	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 14:06	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 16:57	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 16:57	2101015
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/01/12 13:00	11/01/12 16:57	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 16:57	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 16:57	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 16:57	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 16:57	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 16:57	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 16:57	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/01/12 13:00	11/01/12 16:57	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 16:57	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 16:57	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 16:57	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 16:57	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 16:57	2101015
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/01/12 13:00	11/01/12 16:57	2101015

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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 20, 2012

Client ID: 1304-MW22
Lab No: AVK0002-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:41
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 16:57	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 16:57	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 16:57	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 16:57	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/01/12 13:00	11/01/12 16:57	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 16:57	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 16:57	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/01/12 13:00	11/01/12 16:57	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 16:57	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 16:57	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 16:57	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 16:57	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 16:57	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 16:57	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 16:57	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/01/12 13:00	11/01/12 16:57	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 16:57	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 16:57	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 16:57	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 16:57	2101015
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/01/12 13:00	11/01/12 16:57	2101015

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW22
Lab No: AVK0002-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:41
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	127-18-4	11/01/12 13:00	11/01/12 16:57	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 16:57	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 16:57	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 16:57	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 16:57	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 16:57	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 16:57	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 16:57	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/01/12 13:00	11/01/12 16:57	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 16:57	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	98 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 16:57	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	99 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 16:57	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 16:57	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	11/01/12 13:00	11/01/12 16:57	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 16:57	2101015

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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 20, 2012

Client ID: 1304-MW22A
Lab No: AVK0002-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:15
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	1320	1	1	umhos/cm		1	COND	10/30/12 10:15	10/30/12 10:15	2110076
Dissolved Oxygen	SM 4500-O G	NA	810	0.0	1	ug/L		0.0	NA	10/30/12 10:15	10/30/12 10:15	2110076
Field - pH	EPA 9040C	NA	6.43		1	pH Units			PH	10/30/12 10:15	10/30/12 10:15	2110076
Field - Temperature	SM 2550 B	NA	20.1		1	°C			TEMP	10/30/12 10:15	10/30/12 10:15	2110076
Field - Turbidity	EPA 180.1	NA	1.12		1	NTU			TURB	10/30/12 10:15	10/30/12 10:15	2110076
Field - Water Level	NA	NA	6.85		1	feet			WL	10/30/12 10:15	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	26.00		1	feet				10/30/12 10:15	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/05/12 09:00	11/06/12 14:11	2110067
Arsenic	EPA 6020A	EPA 3005A	1.38	10.0	1	ug/L	J	1.20	7440-38-2	11/05/12 09:00	11/06/12 14:11	2110067
Barium	EPA 6020A	EPA 3005A	39.9	100	1	ug/L	J	0.49	7440-39-3	11/05/12 09:00	11/06/12 14:11	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 14:11	2110067
Cadmium	EPA 6020A	EPA 3005A	0.23	1.00	1	ug/L	J	0.06	7440-43-9	11/05/12 09:00	11/06/12 14:11	2110067
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.71	7440-47-3	11/05/12 09:00	11/06/12 14:11	2110067
Cobalt	EPA 6020A	EPA 3005A	12.4	10.0	1	ug/L		0.17	7440-48-4	11/05/12 09:00	11/06/12 14:11	2110067
Copper	EPA 6020A	EPA 3005A	11.2	10.0	1	ug/L		0.18	7440-50-8	11/05/12 09:00	11/06/12 14:11	2110067
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/05/12 09:00	11/06/12 14:11	2110067
Nickel	EPA 6020A	EPA 3005A	87.8	50.0	1	ug/L		0.18	7440-02-0	11/05/12 09:00	11/06/12 14:11	2110067
Selenium	EPA 6020A	EPA 3005A	7.27	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/06/12 14:11	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 14:11	2110067

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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 20, 2012

Client ID: 1304-MW22A
Lab No: AVK0002-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:15
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.23	7440-28-0	11/05/12 09:00	11/06/12 14:11	2110067
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.70	7440-62-2	11/05/12 09:00	11/06/12 14:11	2110067
Zinc	EPA 6020A	EPA 3005A	6.26	10.0	1	ug/L	J	0.27	7440-66-6	11/05/12 09:00	11/06/12 14:11	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:33	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 14:11	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 17:25	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 17:25	2101015
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/01/12 13:00	11/01/12 17:25	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 17:25	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 17:25	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 17:25	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 17:25	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 17:25	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 17:25	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	0.5	3.0	1	ug/L	J	0.3	108-90-7	11/01/12 13:00	11/01/12 17:25	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 17:25	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 17:25	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 17:25	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 17:25	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 17:25	2101015

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW22A
Lab No: AVK0002-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:15
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 17:25	2101015
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/01/12 13:00	11/01/12 17:25	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 17:25	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 17:25	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 17:25	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/01/12 13:00	11/01/12 17:25	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 17:25	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 17:25	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/01/12 13:00	11/01/12 17:25	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 17:25	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 17:25	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 17:25	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 17:25	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 17:25	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 17:25	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 17:25	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/01/12 13:00	11/01/12 17:25	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 17:25	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 17:25	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 17:25	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 17:25	2101015

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW22A
Lab No: AVK0002-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:15
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	79-34-5	11/01/12 13:00	11/01/12 17:25	2101015
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/01/12 13:00	11/01/12 17:25	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 17:25	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 17:25	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 17:25	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 17:25	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 17:25	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 17:25	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 17:25	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/01/12 13:00	11/01/12 17:25	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 17:25	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	100 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 17:25	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	97 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 17:25	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	95 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 17:25	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	11/01/12 13:00	11/01/12 17:25	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 17:25	2101015

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW21
Lab No: AVK0002-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 09:13
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	827	1	1	umhos/cm		1	COND	10/30/12 09:13	10/30/12 09:13	2110076
Dissolved Oxygen	SM 4500-O G	NA	ND	0.0	1	ug/L		0.0	NA	10/30/12 09:13	10/30/12 09:13	2110076
Field - pH	EPA 9040C	NA	6.47		1	pH Units			PH	10/30/12 09:13	10/30/12 09:13	2110076
Field - Temperature	SM 2550 B	NA	14.8		1	°C			TEMP	10/30/12 09:13	10/30/12 09:13	2110076
Field - Turbidity	EPA 180.1	NA	6.20		1	NTU			TURB	10/30/12 09:13	10/30/12 09:13	2110076
Field - Water Level	NA	NA	14.46		1	feet			WL	10/30/12 09:13	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	20.00		1	feet				10/30/12 09:13	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/05/12 09:00	11/06/12 14:16	2110067
Arsenic	EPA 6020A	EPA 3005A	1.47	10.0	1	ug/L	J	1.20	7440-38-2	11/05/12 09:00	11/06/12 14:16	2110067
Barium	EPA 6020A	EPA 3005A	83.1	100	1	ug/L	J	0.49	7440-39-3	11/05/12 09:00	11/06/12 14:16	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 14:16	2110067
Cadmium	EPA 6020A	EPA 3005A	0.07	1.00	1	ug/L	J	0.06	7440-43-9	11/05/12 09:00	11/06/12 14:16	2110067
Chromium	EPA 6020A	EPA 3005A	34.4	10.0	1	ug/L		0.71	7440-47-3	11/05/12 09:00	11/06/12 14:16	2110067
Cobalt	EPA 6020A	EPA 3005A	65.6	10.0	1	ug/L		0.17	7440-48-4	11/05/12 09:00	11/06/12 14:16	2110067
Copper	EPA 6020A	EPA 3005A	49.0	10.0	1	ug/L		0.18	7440-50-8	11/05/12 09:00	11/06/12 14:16	2110067
Lead	EPA 6020A	EPA 3005A	0.77	10.0	1	ug/L	J	0.09	7439-92-1	11/05/12 09:00	11/06/12 14:16	2110067
Nickel	EPA 6020A	EPA 3005A	51.6	50.0	1	ug/L		0.18	7440-02-0	11/05/12 09:00	11/06/12 14:16	2110067
Selenium	EPA 6020A	EPA 3005A	6.79	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/06/12 14:16	2110067
Silver	EPA 6020A	EPA 3005A	0.19	10.0	1	ug/L	J	0.10	7440-22-4	11/05/12 09:00	11/06/12 14:16	2110067

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW21
Lab No: AVK0002-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 09:13
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.23	7440-28-0	11/05/12 09:00	11/06/12 14:16	2110067
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.70	7440-62-2	11/05/12 09:00	11/06/12 14:16	2110067
Zinc	EPA 6020A	EPA 3005A	27.9	10.0	1	ug/L		0.27	7440-66-6	11/05/12 09:00	11/06/12 14:16	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:35	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 14:16	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 17:53	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 17:53	2101015
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/01/12 13:00	11/01/12 17:53	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 17:53	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 17:53	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 17:53	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 17:53	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 17:53	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 17:53	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/01/12 13:00	11/01/12 17:53	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 17:53	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 17:53	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 17:53	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 17:53	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 17:53	2101015

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Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW21
Lab No: AVK0002-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 09:13
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 17:53	2101015
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/01/12 13:00	11/01/12 17:53	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 17:53	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 17:53	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 17:53	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.3	5.0	1	ug/L	J	0.2	75-34-3	11/01/12 13:00	11/01/12 17:53	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 17:53	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 17:53	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/01/12 13:00	11/01/12 17:53	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 17:53	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 17:53	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 17:53	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 17:53	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 17:53	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 17:53	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 17:53	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/01/12 13:00	11/01/12 17:53	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 17:53	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 17:53	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 17:53	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 17:53	2101015

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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 20, 2012

Client ID: 1304-MW21
Lab No: AVK0002-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 09:13
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	79-34-5	11/01/12 13:00	11/01/12 17:53	2101015
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/01/12 13:00	11/01/12 17:53	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 17:53	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 17:53	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 17:53	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 17:53	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 17:53	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 17:53	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 17:53	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/01/12 13:00	11/01/12 17:53	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 17:53	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	99 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 17:53	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	98 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 17:53	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	97 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 17:53	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	105 %		80-120				460-00-4	11/01/12 13:00	11/01/12 17:53	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 17:53	2101015

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW24
Lab No: AVK0002-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:30
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	646	1	1	umhos/cm		1	COND	10/30/12 10:30	10/30/12 10:30	2110076
Dissolved Oxygen	SM 4500-O G	NA	530	0.0	1	ug/L		0.0	NA	10/30/12 10:30	10/30/12 10:30	2110076
Field - pH	EPA 9040C	NA	8.65		1	pH Units			PH	10/30/12 10:30	10/30/12 10:30	2110076
Field - Temperature	SM 2550 B	NA	15.4		1	°C			TEMP	10/30/12 10:30	10/30/12 10:30	2110076
Field - Turbidity	EPA 180.1	NA	2.72		1	NTU			TURB	10/30/12 10:30	10/30/12 10:30	2110076
Field - Water Level	NA	NA	13.07		1	feet			WL	10/30/12 10:30	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	30.00		1	feet				10/30/12 10:30	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.38	6.00	1	ug/L	J	0.19	7440-36-0	11/05/12 09:00	11/06/12 14:21	2110067
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/05/12 09:00	11/06/12 14:21	2110067
Barium	EPA 6020A	EPA 3005A	108	100	1	ug/L		0.49	7440-39-3	11/05/12 09:00	11/06/12 14:21	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 14:21	2110067
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/05/12 09:00	11/06/12 14:21	2110067
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.71	7440-47-3	11/05/12 09:00	11/06/12 14:21	2110067
Cobalt	EPA 6020A	EPA 3005A	0.62	10.0	1	ug/L	J	0.17	7440-48-4	11/05/12 09:00	11/06/12 14:21	2110067
Copper	EPA 6020A	EPA 3005A	1.21	10.0	1	ug/L	J	0.18	7440-50-8	11/05/12 09:00	11/06/12 14:21	2110067
Lead	EPA 6020A	EPA 3005A	0.11	10.0	1	ug/L	J	0.09	7439-92-1	11/05/12 09:00	11/06/12 14:21	2110067
Nickel	EPA 6020A	EPA 3005A	4.22	50.0	1	ug/L	J	0.18	7440-02-0	11/05/12 09:00	11/06/12 14:21	2110067
Selenium	EPA 6020A	EPA 3005A	1.73	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/06/12 14:21	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 14:21	2110067

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW24
Lab No: AVK0002-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:30
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.23	7440-28-0	11/05/12 09:00	11/06/12 14:21	2110067
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.70	7440-62-2	11/05/12 09:00	11/06/12 14:21	2110067
Zinc	EPA 6020A	EPA 3005A	0.92	10.0	1	ug/L	J	0.27	7440-66-6	11/05/12 09:00	11/06/12 14:21	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:37	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 14:21	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 18:22	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 18:22	2101015
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/01/12 13:00	11/01/12 18:22	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 18:22	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 18:22	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 18:22	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 18:22	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 18:22	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 18:22	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/01/12 13:00	11/01/12 18:22	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 18:22	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 18:22	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 18:22	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 18:22	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 18:22	2101015

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW24
Lab No: AVK0002-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:30
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 18:22	2101015
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/01/12 13:00	11/01/12 18:22	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 18:22	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 18:22	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 18:22	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/01/12 13:00	11/01/12 18:22	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 18:22	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 18:22	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/01/12 13:00	11/01/12 18:22	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 18:22	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 18:22	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 18:22	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 18:22	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 18:22	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 18:22	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 18:22	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/01/12 13:00	11/01/12 18:22	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 18:22	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 18:22	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 18:22	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 18:22	2101015

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW24
Lab No: AVK0002-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 10:30
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	79-34-5	11/01/12 13:00	11/01/12 18:22	2101015
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/01/12 13:00	11/01/12 18:22	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 18:22	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 18:22	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 18:22	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 18:22	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 18:22	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 18:22	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 18:22	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/01/12 13:00	11/01/12 18:22	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 18:22	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	98 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 18:22	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	98 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 18:22	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 18:22	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	11/01/12 13:00	11/01/12 18:22	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 18:22	2101015

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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 20, 2012

Client ID: 1304-MW25
Lab No: AVK0002-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 09:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	1330	1	1	umhos/cm		1	COND	10/30/12 09:00	10/30/12 09:00	2110076
Dissolved Oxygen	SM 4500-O G	NA	1100	0.0	1	ug/L		0.0	NA	10/30/12 09:00	10/30/12 09:00	2110076
Field - pH	EPA 9040C	NA	6.76		1	pH Units			PH	10/30/12 09:00	10/30/12 09:00	2110076
Field - Temperature	SM 2550 B	NA	23.0		1	°C			TEMP	10/30/12 09:00	10/30/12 09:00	2110076
Field - Turbidity	EPA 180.1	NA	1.14		1	NTU			TURB	10/30/12 09:00	10/30/12 09:00	2110076
Field - Water Level	NA	NA	9.54		1	feet			WL	10/30/12 09:00	11/12/12 14:59	2110283
Field - Well Depth	NA	NA	27.00		1	feet				10/30/12 09:00	11/12/12 14:59	2110283
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/05/12 09:00	11/06/12 14:26	2110067
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/05/12 09:00	11/06/12 14:26	2110067
Barium	EPA 6020A	EPA 3005A	115	100	1	ug/L		0.49	7440-39-3	11/05/12 09:00	11/06/12 14:26	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 14:26	2110067
Cadmium	EPA 6020A	EPA 3005A	0.17	1.00	1	ug/L	J	0.06	7440-43-9	11/05/12 09:00	11/06/12 14:26	2110067
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.71	7440-47-3	11/05/12 09:00	11/06/12 14:26	2110067
Cobalt	EPA 6020A	EPA 3005A	13.5	10.0	1	ug/L		0.17	7440-48-4	11/05/12 09:00	11/06/12 14:26	2110067
Copper	EPA 6020A	EPA 3005A	1.59	10.0	1	ug/L	J	0.18	7440-50-8	11/05/12 09:00	11/06/12 14:26	2110067
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/05/12 09:00	11/06/12 14:26	2110067
Nickel	EPA 6020A	EPA 3005A	23.4	50.0	1	ug/L	J	0.18	7440-02-0	11/05/12 09:00	11/06/12 14:26	2110067
Selenium	EPA 6020A	EPA 3005A	3.74	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/06/12 14:26	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 14:26	2110067
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/05/12 09:00	11/06/12 14:26	2110067

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

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW25
Lab No: AVK0002-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 09:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		1.70	7440-62-2	11/05/12 09:00	11/06/12 14:26	2110067
Zinc	EPA 6020A	EPA 3005A	2.85	10.0	1	ug/L	J	0.27	7440-66-6	11/05/12 09:00	11/06/12 14:26	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:40	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 14:26	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 18:50	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 18:50	2101015
Benzene	EPA 8260B	EPA 5030B	0.6	1.0	1	ug/L	J	0.1	71-43-2	11/01/12 13:00	11/01/12 18:50	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 18:50	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 18:50	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 18:50	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 18:50	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 18:50	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 18:50	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	1.2	3.0	1	ug/L	J	0.3	108-90-7	11/01/12 13:00	11/01/12 18:50	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 18:50	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 18:50	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 18:50	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 18:50	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 18:50	2101015
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/01/12 13:00	11/01/12 18:50	2101015

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW25
Lab No: AVK0002-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 09:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 18:50	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 18:50	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	12	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 18:50	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 18:50	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	1.5	5.0	1	ug/L	J	0.2	75-34-3	11/01/12 13:00	11/01/12 18:50	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 18:50	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 18:50	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	7.3	5.0	1	ug/L		0.2	156-59-2	11/01/12 13:00	11/01/12 18:50	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 18:50	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 18:50	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 18:50	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 18:50	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 18:50	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 18:50	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 18:50	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/01/12 13:00	11/01/12 18:50	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 18:50	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 18:50	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 18:50	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 18:50	2101015
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/01/12 13:00	11/01/12 18:50	2101015

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-MW25
Lab No: AVK0002-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 09:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	127-18-4	11/01/12 13:00	11/01/12 18:50	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 18:50	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 18:50	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 18:50	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 18:50	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 18:50	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 18:50	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 18:50	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	1.4	1.0	1	ug/L		0.2	75-01-4	11/01/12 13:00	11/01/12 18:50	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 18:50	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	100 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 18:50	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	96 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 18:50	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	95 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 18:50	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	105 %		80-120				460-00-4	11/01/12 13:00	11/01/12 18:50	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 18:50	2101015

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-Trip Blank
Lab No: AVK0002-13
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 00:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		6.1	67-64-1	11/01/12 13:00	11/01/12 19:19	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 19:19	2101015
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/01/12 13:00	11/01/12 19:19	2101015
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/01/12 13:00	11/01/12 19:19	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 19:19	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 19:19	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 19:19	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 19:19	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 19:19	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/01/12 13:00	11/01/12 19:19	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 19:19	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 19:19	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 19:19	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 19:19	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 19:19	2101015
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/01/12 13:00	11/01/12 19:19	2101015
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/01/12 13:00	11/01/12 19:19	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 19:19	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 19:19	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 19:19	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/01/12 13:00	11/01/12 19:19	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 19:19	2101015

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Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-Trip Blank
Lab No: AVK0002-13
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 00:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	75-35-4	11/01/12 13:00	11/01/12 19:19	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/01/12 13:00	11/01/12 19:19	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 19:19	2101015
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/01/12 13:00	11/01/12 19:19	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 19:19	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 19:19	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 19:19	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 19:19	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 19:19	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/01/12 13:00	11/01/12 19:19	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 19:19	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 19:19	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 19:19	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 19:19	2101015
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/01/12 13:00	11/01/12 19:19	2101015
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/01/12 13:00	11/01/12 19:19	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 19:19	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 19:19	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 19:19	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 19:19	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 19:19	2101015

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 20, 2012

Client ID: 1304-Trip Blank
Lab No: AVK0002-13
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 00:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.9	96-18-4	11/01/12 13:00	11/01/12 19:19	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 19:19	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/01/12 13:00	11/01/12 19:19	2101015
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/01/12 13:00	11/01/12 19:19	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	99 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 19:19	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	99 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 19:19	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 19:19	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	11/01/12 13:00	11/01/12 19:19	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 19:19	2101015

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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 20, 2012

Client ID: 1304-Duplicate
Lab No: AVK0002-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 00:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.19	7440-36-0	11/05/12 09:00	11/06/12 14:31	2110067
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/05/12 09:00	11/06/12 14:31	2110067
Barium	EPA 6020A	EPA 3005A	115	100	1	ug/L		0.49	7440-39-3	11/05/12 09:00	11/06/12 14:31	2110067
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/05/12 09:00	11/06/12 14:31	2110067
Cadmium	EPA 6020A	EPA 3005A	0.15	1.00	1	ug/L	J	0.06	7440-43-9	11/05/12 09:00	11/06/12 14:31	2110067
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.71	7440-47-3	11/05/12 09:00	11/06/12 14:31	2110067
Cobalt	EPA 6020A	EPA 3005A	13.0	10.0	1	ug/L		0.17	7440-48-4	11/05/12 09:00	11/06/12 14:31	2110067
Copper	EPA 6020A	EPA 3005A	1.53	10.0	1	ug/L	J	0.18	7440-50-8	11/05/12 09:00	11/06/12 14:31	2110067
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/05/12 09:00	11/06/12 14:31	2110067
Nickel	EPA 6020A	EPA 3005A	23.6	50.0	1	ug/L	J	0.18	7440-02-0	11/05/12 09:00	11/06/12 14:31	2110067
Selenium	EPA 6020A	EPA 3005A	3.47	10.0	1	ug/L	J	0.54	7782-49-2	11/05/12 09:00	11/06/12 14:31	2110067
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/05/12 09:00	11/06/12 14:31	2110067
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/05/12 09:00	11/06/12 14:31	2110067
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.70	7440-62-2	11/05/12 09:00	11/06/12 14:31	2110067
Zinc	EPA 6020A	EPA 3005A	2.97	10.0	1	ug/L	J	0.27	7440-66-6	11/05/12 09:00	11/06/12 14:31	2110067
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/07/12 13:15	11/08/12 16:42	2110121
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/05/12 09:00	11/06/12 14:31	2110067
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/01/12 13:00	11/01/12 19:47	2101015
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/01/12 13:00	11/01/12 19:47	2101015
Benzene	EPA 8260B	EPA 5030B	0.5	1.0	1	ug/L	J	0.1	71-43-2	11/01/12 13:00	11/01/12 19:47	2101015

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 20, 2012

Client ID: 1304-Duplicate
Lab No: AVK0002-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 00:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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	11/01/12 13:00	11/01/12 19:47	2101015
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/01/12 13:00	11/01/12 19:47	2101015
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/01/12 13:00	11/01/12 19:47	2101015
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/01/12 13:00	11/01/12 19:47	2101015
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/01/12 13:00	11/01/12 19:47	2101015
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/01/12 13:00	11/01/12 19:47	2101015
Chlorobenzene	EPA 8260B	EPA 5030B	1.3	3.0	1	ug/L	J	0.3	108-90-7	11/01/12 13:00	11/01/12 19:47	2101015
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/01/12 13:00	11/01/12 19:47	2101015
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/01/12 13:00	11/01/12 19:47	2101015
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/01/12 13:00	11/01/12 19:47	2101015
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/01/12 13:00	11/01/12 19:47	2101015
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/01/12 13:00	11/01/12 19:47	2101015
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/01/12 13:00	11/01/12 19:47	2101015
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/01/12 13:00	11/01/12 19:47	2101015
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/01/12 13:00	11/01/12 19:47	2101015
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	12	1.0	1	ug/L		0.3	106-46-7	11/01/12 13:00	11/01/12 19:47	2101015
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/01/12 13:00	11/01/12 19:47	2101015
1,1-Dichloroethane	EPA 8260B	EPA 5030B	1.6	5.0	1	ug/L	J	0.2	75-34-3	11/01/12 13:00	11/01/12 19:47	2101015
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/01/12 13:00	11/01/12 19:47	2101015
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/01/12 13:00	11/01/12 19:47	2101015
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	7.1	5.0	1	ug/L		0.2	156-59-2	11/01/12 13:00	11/01/12 19:47	2101015
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/01/12 13:00	11/01/12 19:47	2101015

ASI

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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 20, 2012

Client ID: 1304-Duplicate
Lab No: AVK0002-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 00:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.2	78-87-5	11/01/12 13:00	11/01/12 19:47	2101015
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/01/12 13:00	11/01/12 19:47	2101015
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/01/12 13:00	11/01/12 19:47	2101015
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/01/12 13:00	11/01/12 19:47	2101015
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/01/12 13:00	11/01/12 19:47	2101015
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/01/12 13:00	11/01/12 19:47	2101015
Methylene Chloride	EPA 8260B	EPA 5030B	0.2	1.0	1	ug/L	J	0.2	75-09-2	11/01/12 13:00	11/01/12 19:47	2101015
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/01/12 13:00	11/01/12 19:47	2101015
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/01/12 13:00	11/01/12 19:47	2101015
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/01/12 13:00	11/01/12 19:47	2101015
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/01/12 13:00	11/01/12 19:47	2101015
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/01/12 13:00	11/01/12 19:47	2101015
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/01/12 13:00	11/01/12 19:47	2101015
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/01/12 13:00	11/01/12 19:47	2101015
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/01/12 13:00	11/01/12 19:47	2101015
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/01/12 13:00	11/01/12 19:47	2101015
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/01/12 13:00	11/01/12 19:47	2101015
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/01/12 13:00	11/01/12 19:47	2101015
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/01/12 13:00	11/01/12 19:47	2101015
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/01/12 13:00	11/01/12 19:47	2101015
Vinyl Chloride	EPA 8260B	EPA 5030B	1.4	1.0	1	ug/L		0.2	75-01-4	11/01/12 13:00	11/01/12 19:47	2101015

ASI

ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
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Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 20, 2012

Client ID: 1304-Duplicate
Lab No: AVK0002-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 10/30/12 00:00
Date/Time Received: 11/01/12 07:40

Report No.: AVK0002

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		0.8	1330-20-7	11/01/12 13:00	11/01/12 19:47	2101015
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	102 %		75-123				1868-53-7	11/01/12 13:00	11/01/12 19:47	2101015
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	98 %		72-120				17060-07-0	11/01/12 13:00	11/01/12 19:47	2101015
Surr: Toluene-d8	EPA 8260B	EPA 5030B	97 %		75-120				2037-26-5	11/01/12 13:00	11/01/12 19:47	2101015
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	11/01/12 13:00	11/01/12 19:47	2101015
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/01/12 13:00	11/01/12 19:47	2101015

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 20, 2012

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110067 - EPA 3005A										
Blank (2110067-BLK1)							Prepared: 11/05/12 Analyzed: 11/06/12			
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	ND	10.0	ug/L							
LCS (2110067-BS1)							Prepared: 11/05/12 Analyzed: 11/06/12			
Antimony	101	6.00	ug/L	100.00		101	80-120			
Arsenic	101	10.0	ug/L	100.00		101	80-120			
Barium	98.9	100	ug/L	100.00		99	80-120			J
Beryllium	98.0	1.00	ug/L	100.00		98	80-120			
Cadmium	103	1.00	ug/L	100.00		103	80-120			
Chromium	99.7	10.0	ug/L	100.00		100	80-120			
Cobalt	101	10.0	ug/L	100.00		101	80-120			
Copper	102	10.0	ug/L	100.00		102	80-120			
Lead	99.8	10.0	ug/L	100.00		100	80-120			

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

Attention: Mr. Mike Gurley

November 20, 2012

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110067 - EPA 3005A										
LCS (2110067-BS1)							Prepared: 11/05/12 Analyzed: 11/06/12			
Nickel	102	50.0	ug/L	100.00		102	80-120			
Selenium	100	10.0	ug/L	100.00		100	80-120			
Silver	102	10.0	ug/L	100.00		102	80-120			
Thallium	98.9	5.50	ug/L	100.00		99	80-120			
Tin	102	20.0	ug/L	100.00		102	80-120			
Vanadium	96.4	25.0	ug/L	100.00		96	80-120			
Zinc	101	10.0	ug/L	100.00		101	80-120			
Matrix Spike (2110067-MS1)	**Source: AVK0028-01**						Prepared: 11/05/12 Analyzed: 11/06/12			
Antimony	101	6.00	ug/L	100.00	ND	101	75-125			
Arsenic	103	10.0	ug/L	100.00	ND	103	75-125			
Barium	142	100	ug/L	100.00	39.7	102	75-125			
Beryllium	97.0	1.00	ug/L	100.00	ND	97	75-125			
Cadmium	103	1.00	ug/L	100.00	ND	103	75-125			
Chromium	100	10.0	ug/L	100.00	ND	100	75-125			
Cobalt	113	10.0	ug/L	100.00	12.4	101	75-125			
Copper	107	10.0	ug/L	100.00	4.22	102	75-125			
Lead	102	10.0	ug/L	100.00	0.60	102	75-125			
Nickel	107	50.0	ug/L	100.00	4.62	103	75-125			
Selenium	104	10.0	ug/L	100.00	ND	104	75-125			
Silver	102	10.0	ug/L	100.00	ND	102	75-125			
Thallium	99.4	5.50	ug/L	100.00	ND	99	75-125			
Tin	101	20.0	ug/L	100.00	ND	101	75-125			
Vanadium	99.4	25.0	ug/L	100.00	ND	99	75-125			
Zinc	159	10.0	ug/L	100.00	59.9	99	75-125			
Matrix Spike Dup (2110067-MSD1)	**Source: AVK0028-01**						Prepared: 11/05/12 Analyzed: 11/06/12			

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110067 - EPA 3005A										
Matrix Spike Dup (2110067-MSD1)		**Source: AVK0028-01**					Prepared: 11/05/12 Analyzed: 11/06/12			
Antimony	100	6.00	ug/L	100.00	ND	100	75-125	0.4	20	
Arsenic	100	10.0	ug/L	100.00	ND	100	75-125	3	20	
Barium	138	100	ug/L	100.00	39.7	99	75-125	3	20	
Beryllium	97.1	1.00	ug/L	100.00	ND	97	75-125	0.09	20	
Cadmium	101	1.00	ug/L	100.00	ND	101	75-125	1	20	
Chromium	98.6	10.0	ug/L	100.00	ND	99	75-125	1	20	
Cobalt	112	10.0	ug/L	100.00	12.4	99	75-125	1	20	
Copper	105	10.0	ug/L	100.00	4.22	101	75-125	1	20	
Lead	99.5	10.0	ug/L	100.00	0.60	99	75-125	3	20	
Nickel	106	50.0	ug/L	100.00	4.62	101	75-125	2	20	
Selenium	100	10.0	ug/L	100.00	ND	100	75-125	4	20	
Silver	99.6	10.0	ug/L	100.00	ND	100	75-125	2	20	
Thallium	98.0	5.50	ug/L	100.00	ND	98	75-125	1	20	
Tin	102	20.0	ug/L	100.00	ND	102	75-125	1	20	
Vanadium	99.2	25.0	ug/L	100.00	ND	99	75-125	0.1	20	
Zinc	158	10.0	ug/L	100.00	59.9	98	75-125	0.8	20	
Post Spike (2110067-PS1)		**Source: AVK0028-01**					Prepared: 11/05/12 Analyzed: 11/06/12			
Antimony	95.9		ug/L	100.00	0.04	96	80-120			
Arsenic	101		ug/L	100.00	0.36	100	80-120			
Barium	140		ug/L	100.00	39.7	100	80-120			
Beryllium	97.6		ug/L	100.00	ND	98	80-120			
Cadmium	100		ug/L	100.00	0.02	100	80-120			
Chromium	99.3		ug/L	100.00	-0.25	100	80-120			
Cobalt	112		ug/L	100.00	12.4	100	80-120			
Copper	103		ug/L	100.00	4.22	99	80-120			
Lead	99.3		ug/L	100.00	0.60	99	80-120			

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November 20, 2012

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110067 - EPA 3005A										
Post Spike (2110067-PS1)		**Source: AVK0028-01**					Prepared: 11/05/12	Analyzed: 11/06/12		
Nickel	104		ug/L	100.00	4.62	99	80-120			
Selenium	102		ug/L	100.00	0.16	101	80-120			
Silver	98.2		ug/L	100.00	0.03	98	80-120			
Thallium	99.5		ug/L	100.00	0.02	100	80-120			
Tin	99.5		ug/L	100.00	0.0900	99	80-120			
Vanadium	103		ug/L	100.00	-1.58	104	80-120			
Zinc	158		ug/L	100.00	59.9	98	80-120			
Batch 2110121 - EPA 7470A										
Blank (2110121-BLK1)							Prepared: 11/07/12	Analyzed: 11/08/12		
Mercury	ND	0.200	ug/L							
LCS (2110121-BS1)							Prepared: 11/07/12	Analyzed: 11/08/12		
Mercury	2.26	0.200	ug/L	2.5000		90	80-120			
Matrix Spike (2110121-MS1)		**Source: AVK0002-01**					Prepared: 11/07/12	Analyzed: 11/08/12		
Mercury	2.28	0.200	ug/L	2.5000	ND	91	75-125			
Matrix Spike Dup (2110121-MSD1)		**Source: AVK0002-01**					Prepared: 11/07/12	Analyzed: 11/08/12		
Mercury	2.34	0.200	ug/L	2.5000	ND	94	75-125	3	20	
Post Spike (2110121-PS1)		**Source: AVK0002-01**					Prepared: 11/07/12	Analyzed: 11/08/12		
Mercury	1.60		ug/L	1.6667	0.005	96	80-120			

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November 20, 2012

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 2101015 - EPA 5030B										
Blank (2101015-BLK1)							Prepared & Analyzed: 11/01/12			
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							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2101015 - EPA 5030B										
Blank (2101015-BLK1)							Prepared & Analyzed: 11/01/12			
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	*51*		*ug/L*	*50.000*		*103*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*99*	*72-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*99*	*75-120*			
Surr: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*103*	*80-120*			

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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 2101015 - EPA 5030B										
Blank (2101015-BLK2)							Prepared & Analyzed: 11/02/12			
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							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2101015 - EPA 5030B										
Blank (2101015-BLK2)							Prepared & Analyzed: 11/02/12			
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	*50*		*ug/L*	*50.000*		*101*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*72-120*			
Surr: Toluene-d8	*47*		*ug/L*	*50.000*		*94*	*75-120*			
Surr: 4-Bromofluorobenzene	*52*		*ug/L*	*50.000*		*103*	*80-120*			
LCS (2101015-BS1)							Prepared & Analyzed: 11/01/12			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2101015 - EPA 5030B										
LCS (2101015-BS1)							Prepared & Analyzed: 11/01/12			
Benzene	52		ug/L	50.000		104	80-120			
Chlorobenzene	51		ug/L	50.000		102	80-120			
1,1-Dichloroethene	56		ug/L	50.000		112	77-121			
Toluene	50		ug/L	50.000		100	78-120			
Trichloroethene	53		ug/L	50.000		107	80-122			
Surr: Dibromofluoromethane	*51*		*ug/L*	*50.000*		*103*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*72-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*97*	*75-120*			
Surr: 4-Bromofluorobenzene	*53*		*ug/L*	*50.000*		*106*	*80-120*			
Matrix Spike (2101015-MS1)		**Source: AVK0002-08**					Prepared & Analyzed: 11/01/12			
Benzene	53		ug/L	50.000	ND	106	80-123			
Chlorobenzene	50		ug/L	50.000	ND	101	75-120			
1,1-Dichloroethene	57		ug/L	50.000	ND	115	80-120			
Toluene	50		ug/L	50.000	ND	99	80-120			
Trichloroethene	54		ug/L	50.000	ND	108	80-125			
Surr: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*98*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*72-120*			
Surr: Toluene-d8	*47*		*ug/L*	*50.000*		*95*	*75-120*			
Surr: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*103*	*80-120*			
Matrix Spike Dup (2101015-MSD1)		**Source: AVK0002-08**					Prepared & Analyzed: 11/01/12			
Benzene	53		ug/L	50.000	ND	106	80-123	0.9	9	
Chlorobenzene	51		ug/L	50.000	ND	102	75-120	0.8	13	
1,1-Dichloroethene	55		ug/L	50.000	ND	111	80-120	4	9	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2101015 - EPA 5030B										
Matrix Spike Dup (2101015-MSD1)		**Source: AVK0002-08**					Prepared & Analyzed: 11/01/12			
Toluene	50		ug/L	50.000	ND	101	80-120	2	9	
Trichloroethene	54		ug/L	50.000	ND	109	80-125	0.9	11	
Surr: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*98*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*72-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*97*	*75-120*			
Surr: 4-Bromofluorobenzene	*52*		*ug/L*	*50.000*		*105*	*80-120*			

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Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2013
NC	North Carolina	381	12/31/2012
NELAC	NELAC (Non-Potable Water, Solids)	E87315	06/30/2013
SC	South Carolina	98011001	06/30/2013
TX	Texas	T104704397-08-TX	03/31/2013
VA	Virginia	1340	12/14/2012

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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

J Estimated value less than Reporting Limit (RL) but greater than Method Detection Limit(MDL) (CLP J-Flag).

Note: Unless otherwise noted, all results are reported on an as received basis.

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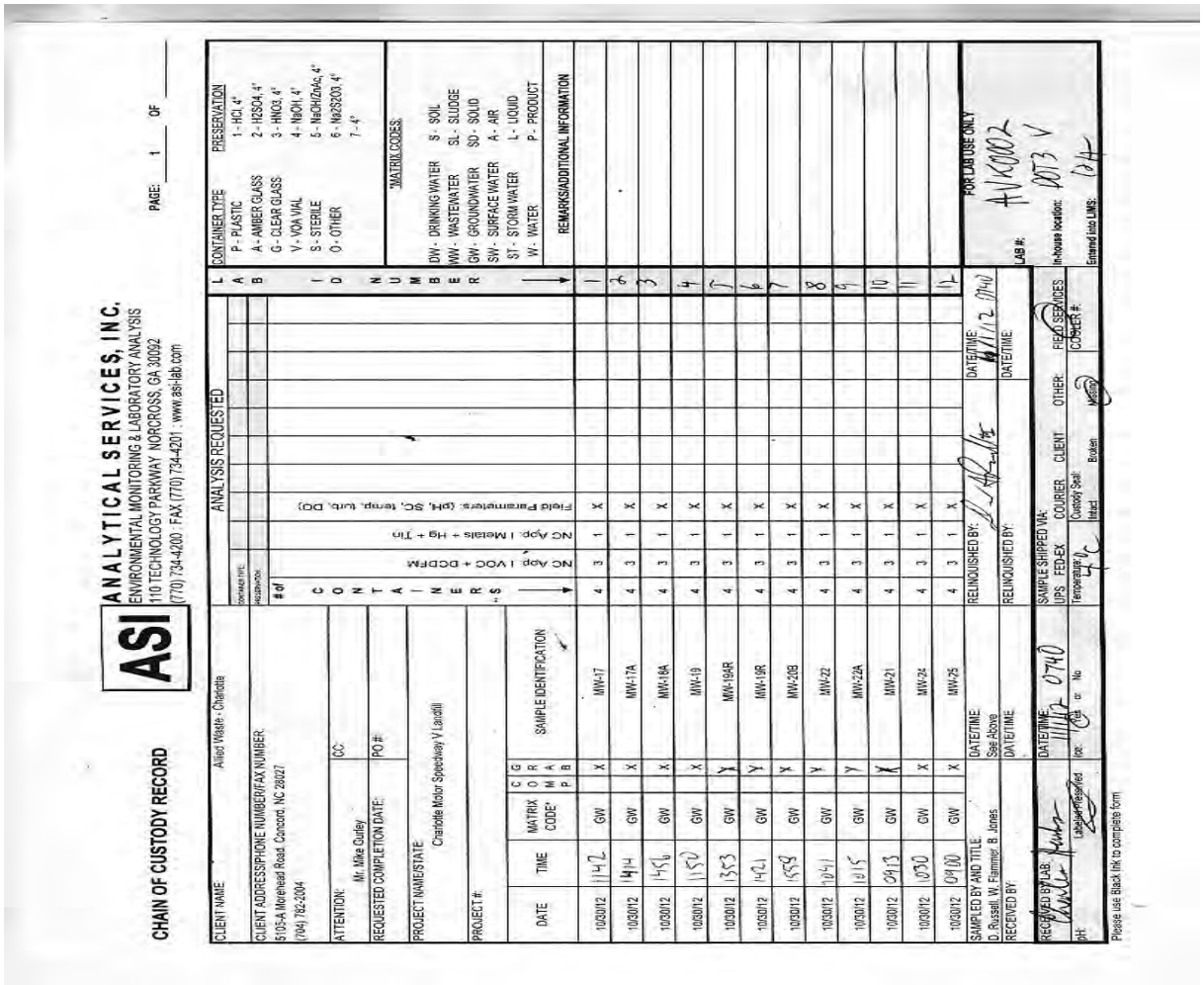
Attention: Mr. Mike Gurley

November 20, 2012



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 ____

CLIENT NAME: Allied Waste - Charlotte

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER:
5105-A Morehead Road, Concord, NC 28027
(704) 782-2304

ATTENTION: Mr. Mike Gurley CC:

REQUESTED COMPLETION DATE: PO #:

PROJECT NAME/STATE: Charlotte Motor Speedway V Landfill

PROJECT #:

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	# of CONTAINERS	SAMPLE IDENTIFICATION	NC App. I VOC + DCDFM	NC App. I Metals + Hg + Tin	Field Parameters: (pH, SC, temp, turb, DO)	LAB #
10/30/12	1142	GW	4	MW-17	3	1	X	1
10/30/12	1414	GW	4	MW-17A	3	1	X	2
10/30/12	1456	GW	4	MW-18A	3	1	X	3
10/30/12	1150	GW	4	MW-19	3	1	X	4
10/30/12	1353	GW	4	MW-19BR	3	1	X	5
10/30/12	1421	GW	4	MW-19R	3	1	X	6
10/30/12	1559	GW	4	MW-20B	3	1	X	7
10/30/12	1041	GW	4	MW-22	3	1	X	8
10/30/12	1015	GW	4	MW-22A	3	1	X	9
10/30/12	0913	GW	4	MW-21	3	1	X	10
10/30/12	0930	GW	4	MW-24	3	1	X	11
10/30/12	0900	GW	4	MW-25	3	1	X	12

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

REMARKS/ADDITIONAL INFORMATION

SAMPLED BY AND TITLE: D. Russell, W. Flammer, B. Jones — DATE/TIME: See Above

RECEIVED BY: DATE/TIME

RELINQUISHED BY: DATE/TIME: 11/1/12 0740

RELINQUISHED BY: DATE/TIME

RECEIVED BY LAB: DATE/TIME: 11/1/12 0740

SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER: FIELD SERVICES

Temperature: 4°C Custody Seal: Intact Broken Missing

Ice: Yes or No

Labels Checked

COOLER #:

In-house location: DOT3 V

Entered into LIMS: DH

FOR LAB USE ONLY

LAB #: AK0002

pH

Please use Black Ink to complete form

ANALYTICAL SERVICES, INC.

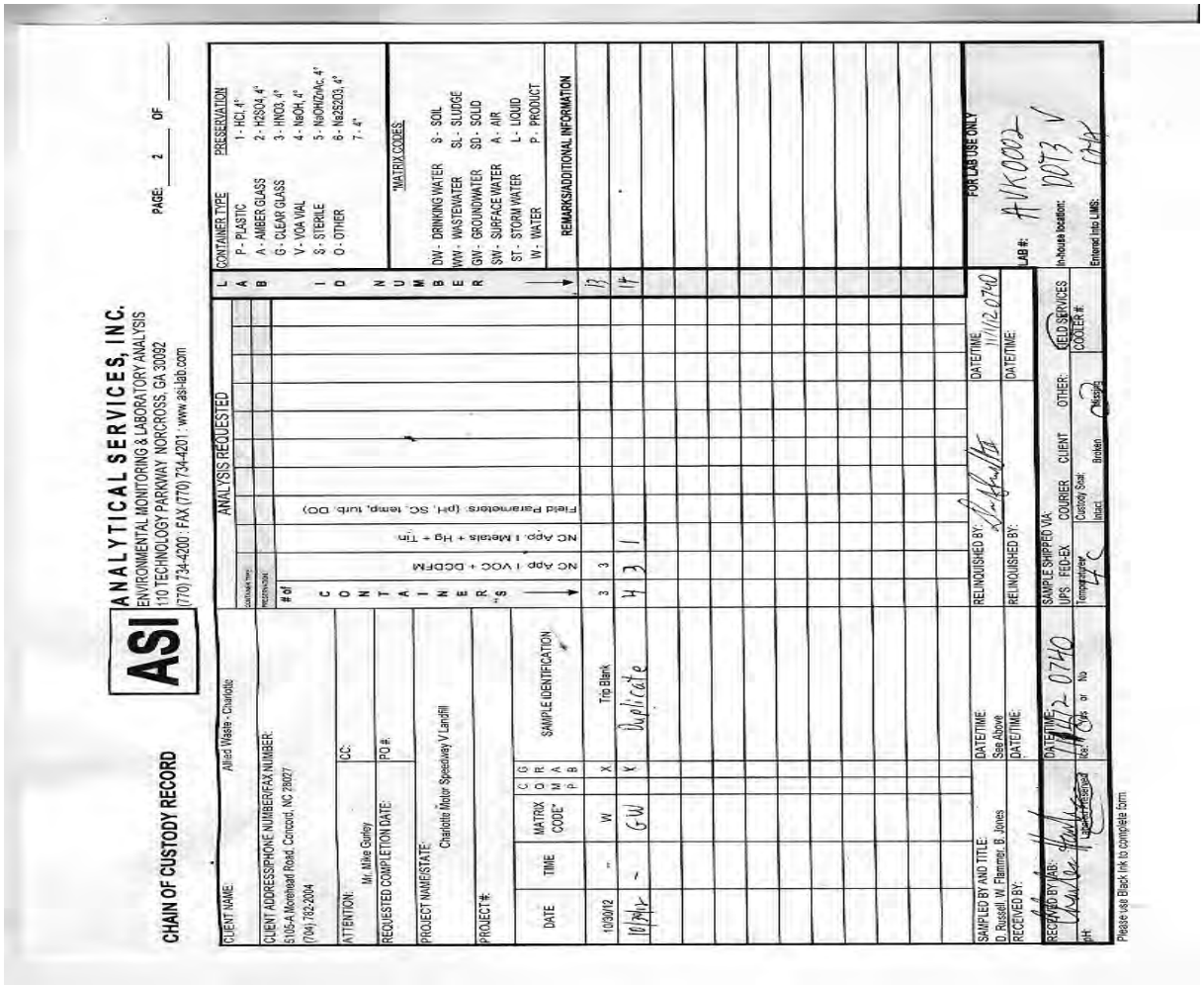
Environmental Monitoring & Laboratory Analysis
110 Technology Parkway, Norcross, GA 30092

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

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

Attention: Mr. Mike Gurley

November 20, 2012



CHAIN OF CUSTODY RECORD

ASI ANALYTICAL SERVICES, INC.
ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
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(770) 734-4200 : FAX (770) 734-4201 : www.asi-lab.com

PAGE: 2 OF

CLIENT NAME: Allied Waste - Charlotte

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER:
5105-A Morehead Road, Concord, NC 28027
(704) 782-2014

ATTENTION: Mr. Mike Gurley
CC:

REQUESTED COMPLETION DATE:
P.O #:

PROJECT NAME/STATE: Charlotte Motor Speedway / Landfill

PROJECT #:

DATE	TIME	MATRIX CODE*	# of CONTAINERS	SAMPLE IDENTIFICATION	NC App. I VOC + DCDFM	NC App. I Metals + Hg + Tin	Field Parameters: (pH, SC, temp, turb, DO)
10/30/12	--	W	3	Trip Blank	3		
10/30/12	~	GW	4	Duplicate	3	1	

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

REMARKS/ADDITIONAL INFORMATION

SAMPLED BY AND TITLE: D. Russell W. Flammer, B. Jones — DATE/TIME: See Above
RELINQUISHED BY: — DATE/TIME: 11/1/12 0740
RECEIVED BY: — DATE/TIME:
RELINQUISHED BY: — DATE/TIME:
RECEIVED BY LAB: — DATE/TIME: 11/1/12 0740
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER: FIELD SERVICES
Temperature: 4°C
Custody Seal: Intact Broken Missing
COOLER #:
Cooler Received: Yes or No
In-house location:
Entered Into LIMS:
LAB #: AVK0002 10073 V

FOR LAB USE ONLY

Please use Black Ink to complete form

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

LOG-IN CHECKLIST **Printed: 11/20/2012 8:59:38AM**

Attn: Mr. Mike Gurley

Client: Allied Waste Ind. Inc. - Charlotte
Project: Charlotte Motor Speedway
Date Received: 11/01/12 07:40

Work Order: AVK0002
Logged In By: Charles Hawks

OBSERVATIONS

#Samples: 14 **#Containers:** 55

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:

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ANALYTICAL SERVICES, INC.

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

Laboratory Report

Report Number: AVK0311

Project: Charlotte Motor Speedway

Project #:[none]

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

Attention: Mr. Mike Gurley

November 28, 2012

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:

Judy Wagner
Project Manager

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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 28, 2012

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1304-MW1A	AVK0311-01	Ground Water	11/07/12 08:33	11/09/12 13:45
1304-MW1B	AVK0311-02	Ground Water	11/07/12 09:54	11/09/12 13:45
1304-MW2A	AVK0311-03	Ground Water	11/06/12 16:53	11/09/12 13:45
1304-MW2B	AVK0311-04	Ground Water	11/06/12 16:15	11/09/12 13:45
1304-MW10	AVK0311-05	Ground Water	11/08/12 12:08	11/09/12 13:45
1304-MW10A	AVK0311-06	Ground Water	11/08/12 13:18	11/09/12 13:45
1304-MW11	AVK0311-07	Ground Water	11/08/12 09:46	11/09/12 13:45
1304-MW12	AVK0311-08	Ground Water	11/08/12 08:53	11/09/12 13:45
1304-MW14	AVK0311-09	Ground Water	11/07/12 10:36	11/09/12 13:45
1304-MW14B	AVK0311-10	Ground Water	11/07/12 12:26	11/09/12 13:45
1304-MW15	AVK0311-11	Ground Water	11/07/12 11:47	11/09/12 13:45
1304-MW16	AVK0311-12	Ground Water	11/07/12 14:11	11/09/12 13:45
1304-MW18AR	AVK0311-13	Ground Water	11/06/12 16:33	11/09/12 13:45
1304-MW18R	AVK0311-14	Ground Water	11/08/12 11:20	11/09/12 13:45
1304-MW18R	AVK0311-15	Ground Water	11/09/12 07:36	11/09/12 13:45
1304-MW19A	AVK0311-16	Ground Water	11/08/12 10:44	11/09/12 13:45
1304-MW20AR	AVK0311-17	Ground Water	11/06/12 15:36	11/09/12 13:45
1304-MW26	AVK0311-18	Ground Water	11/07/12 14:16	11/09/12 13:45
1304-MW27	AVK0311-19	Ground Water	11/07/12 14:57	11/09/12 13:45
1304-MW27	AVK0311-20	Ground Water	11/08/12 08:10	11/09/12 13:45

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Attention: Mr. Mike Gurley

November 28, 2012

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1304-MW28	AVK0311-21	Ground Water	11/07/12 15:10	11/09/12 13:45
1304-MW29R	AVK0311-22	Ground Water	11/07/12 16:12	11/09/12 13:45
1304-MW30R	AVK0311-23	Ground Water	11/07/12 15:56	11/09/12 13:45
1304-MW31	AVK0311-24	Ground Water	11/08/12 08:54	11/09/12 13:45
1304-MW32R	AVK0311-25	Ground Water	11/08/12 10:17	11/09/12 13:45
1304-MW33	AVK0311-26	Ground Water	11/08/12 11:08	11/09/12 13:45
1304-MW33	AVK0311-27	Ground Water	11/09/12 07:50	11/09/12 13:45
1304-Trip Blank 2	AVK0311-28	Water	11/06/12 00:00	11/09/12 13:45
1304-Trip Blank 3	AVK0311-29	Water	11/06/12 00:00	11/09/12 13:45
1304-Field Blank	AVK0311-30	Water	11/07/12 16:00	11/09/12 13:45
1304-SW1	AVK0311-31	Surface Water	11/08/12 11:53	11/09/12 13:45
1304-SW2	AVK0311-32	Surface Water	11/08/12 12:25	11/09/12 13:45

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW1A
Lab No: AVK0311-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 08:33
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	890	1	1	umhos/cm		1	COND	11/07/12 08:33	11/07/12 08:33	2110278
Dissolved Oxygen	SM 4500-O G	NA	1010	0.0	1	ug/L		0.0	NA	11/07/12 08:33	11/07/12 08:33	2110490
Field - pH	EPA 9040C	NA	6.73		1	pH Units			PH	11/07/12 08:33	11/07/12 08:33	2110278
Field - Temperature	SM 2550 B	NA	17.7		1	°C			TEMP	11/07/12 08:33	11/07/12 08:33	2110278
Field - Turbidity	EPA 180.1	NA	3.21		1	NTU			TURB	11/07/12 08:33	11/07/12 08:33	2110278
Field - Water Level	NA	NA	10.56		1	feet			WL	11/07/12 08:33	11/07/12 08:33	2110278
Field - Well Depth	NA	NA	19.60		1	feet				11/07/12 08:33	11/07/12 08:33	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	1.06	6.00	1	ug/L	J	0.19	7440-36-0	11/15/12 09:00	11/15/12 17:20	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 17:20	2110355
Barium	EPA 6020A	EPA 3005A	172	100	1	ug/L		0.49	7440-39-3	11/15/12 09:00	11/15/12 17:20	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 17:20	2110355
Cadmium	EPA 6020A	EPA 3005A	0.07	1.00	1	ug/L	J	0.06	7440-43-9	11/15/12 09:00	11/15/12 17:20	2110355
Chromium	EPA 6020A	EPA 3005A	1.10	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 17:20	2110355
Cobalt	EPA 6020A	EPA 3005A	18.0	10.0	1	ug/L		0.17	7440-48-4	11/15/12 09:00	11/15/12 17:20	2110355
Copper	EPA 6020A	EPA 3005A	2.53	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 17:20	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 17:20	2110355
Nickel	EPA 6020A	EPA 3005A	8.71	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 17:20	2110355
Selenium	EPA 6020A	EPA 3005A	1.96	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 17:20	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 17:20	2110355

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW1A
Lab No: AVK0311-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 08:33
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.23	7440-28-0	11/15/12 09:00	11/15/12 17:20	2110355
Vanadium	EPA 6020A	EPA 3005A	3.48	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 17:20	2110355
Zinc	EPA 6020A	EPA 3005A	4.97	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 17:20	2110355
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/15/12 09:45	11/16/12 15:01	2110321
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 17:20	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/09/12 15:00	11/09/12 16:54	2110247
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/09/12 15:00	11/09/12 16:54	2110247
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/09/12 15:00	11/09/12 16:54	2110247
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/09/12 15:00	11/09/12 16:54	2110247
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/09/12 15:00	11/09/12 16:54	2110247
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/09/12 15:00	11/09/12 16:54	2110247
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/09/12 15:00	11/09/12 16:54	2110247
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/09/12 15:00	11/09/12 16:54	2110247
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/09/12 15:00	11/09/12 16:54	2110247
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/09/12 15:00	11/09/12 16:54	2110247
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/09/12 15:00	11/09/12 16:54	2110247
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/09/12 15:00	11/09/12 16:54	2110247
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/09/12 15:00	11/09/12 16:54	2110247
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/09/12 15:00	11/09/12 16:54	2110247
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/09/12 15:00	11/09/12 16:54	2110247

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 28, 2012

Client ID: 1304-MW1A
Lab No: AVK0311-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 08:33
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/09/12 15:00	11/09/12 16:54	2110247
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/09/12 15:00	11/09/12 16:54	2110247
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/09/12 15:00	11/09/12 16:54	2110247
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/09/12 15:00	11/09/12 16:54	2110247
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/09/12 15:00	11/09/12 16:54	2110247
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/09/12 15:00	11/09/12 16:54	2110247
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/09/12 15:00	11/09/12 16:54	2110247
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/09/12 15:00	11/09/12 16:54	2110247
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/09/12 15:00	11/09/12 16:54	2110247
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/09/12 15:00	11/09/12 16:54	2110247
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/09/12 15:00	11/09/12 16:54	2110247
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/09/12 15:00	11/09/12 16:54	2110247
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/09/12 15:00	11/09/12 16:54	2110247
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/09/12 15:00	11/09/12 16:54	2110247
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/09/12 15:00	11/09/12 16:54	2110247
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/09/12 15:00	11/09/12 16:54	2110247
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/09/12 15:00	11/09/12 16:54	2110247
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/09/12 15:00	11/09/12 16:54	2110247
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/09/12 15:00	11/09/12 16:54	2110247
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/09/12 15:00	11/09/12 16:54	2110247
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/09/12 15:00	11/09/12 16:54	2110247

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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 28, 2012

Client ID: 1304-MW1A
Lab No: AVK0311-01
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 08:33
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	79-34-5	11/09/12 15:00	11/09/12 16:54	2110247
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/09/12 15:00	11/09/12 16:54	2110247
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/09/12 15:00	11/09/12 16:54	2110247
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/09/12 15:00	11/09/12 16:54	2110247
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/09/12 15:00	11/09/12 16:54	2110247
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/09/12 15:00	11/09/12 16:54	2110247
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/09/12 15:00	11/09/12 16:54	2110247
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/09/12 15:00	11/09/12 16:54	2110247
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/09/12 15:00	11/09/12 16:54	2110247
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/09/12 15:00	11/09/12 16:54	2110247
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/09/12 15:00	11/09/12 16:54	2110247
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	98 %		75-123				1868-53-7	11/09/12 15:00	11/09/12 16:54	2110247
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	93 %		72-120				17060-07-0	11/09/12 15:00	11/09/12 16:54	2110247
Surr: Toluene-d8	EPA 8260B	EPA 5030B	93 %		75-120				2037-26-5	11/09/12 15:00	11/09/12 16:54	2110247
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	100 %		80-120				460-00-4	11/09/12 15:00	11/09/12 16:54	2110247
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/09/12 15:00	11/09/12 16:54	2110247

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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 28, 2012

Client ID: 1304-MW1B
Lab No: AVK0311-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 09:54
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	593	1	1	umhos/cm		1	COND	11/07/12 09:54	11/07/12 09:54	2110278
Dissolved Oxygen	SM 4500-O G	NA	280	0.0	1	ug/L		0.0	NA	11/07/12 09:54	11/07/12 09:54	2110490
Field - pH	EPA 9040C	NA	6.57		1	pH Units			PH	11/07/12 09:54	11/07/12 09:54	2110278
Field - Temperature	SM 2550 B	NA	18.7		1	°C			TEMP	11/07/12 09:54	11/07/12 09:54	2110278
Field - Turbidity	EPA 180.1	NA	1.05		1	NTU			TURB	11/07/12 09:54	11/07/12 09:54	2110278
Field - Water Level	NA	NA	12.63		1	feet			WL	11/07/12 09:54	11/07/12 09:54	2110278
Field - Well Depth	NA	NA	35.40		1	feet				11/07/12 09:54	11/07/12 09:54	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.31	6.00	1	ug/L	J	0.19	7440-36-0	11/15/12 09:00	11/15/12 17:26	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 17:26	2110355
Barium	EPA 6020A	EPA 3005A	6.46	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 17:26	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 17:26	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 17:26	2110355
Chromium	EPA 6020A	EPA 3005A	1.90	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 17:26	2110355
Cobalt	EPA 6020A	EPA 3005A	1.99	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 17:26	2110355
Copper	EPA 6020A	EPA 3005A	1.41	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 17:26	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 17:26	2110355
Nickel	EPA 6020A	EPA 3005A	21.6	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 17:26	2110355
Selenium	EPA 6020A	EPA 3005A	2.37	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 17:26	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 17:26	2110355

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ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW1B
Lab No: AVK0311-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 09:54
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.23	7440-28-0	11/15/12 09:00	11/15/12 17:26	2110355
Vanadium	EPA 6020A	EPA 3005A	5.72	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 17:26	2110355
Zinc	EPA 6020A	EPA 3005A	2.80	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 17:26	2110355
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/15/12 09:45	11/16/12 15:04	2110321
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 17:26	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/09/12 15:00	11/09/12 17:22	2110247
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/09/12 15:00	11/09/12 17:22	2110247
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/09/12 15:00	11/09/12 17:22	2110247
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/09/12 15:00	11/09/12 17:22	2110247
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/09/12 15:00	11/09/12 17:22	2110247
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/09/12 15:00	11/09/12 17:22	2110247
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/09/12 15:00	11/09/12 17:22	2110247
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/09/12 15:00	11/09/12 17:22	2110247
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/09/12 15:00	11/09/12 17:22	2110247
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/09/12 15:00	11/09/12 17:22	2110247
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/09/12 15:00	11/09/12 17:22	2110247
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/09/12 15:00	11/09/12 17:22	2110247
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/09/12 15:00	11/09/12 17:22	2110247
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/09/12 15:00	11/09/12 17:22	2110247
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/09/12 15:00	11/09/12 17:22	2110247

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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 28, 2012

Client ID: 1304-MW1B
Lab No: AVK0311-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 09:54
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/09/12 15:00	11/09/12 17:22	2110247
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/09/12 15:00	11/09/12 17:22	2110247
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/09/12 15:00	11/09/12 17:22	2110247
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/09/12 15:00	11/09/12 17:22	2110247
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/09/12 15:00	11/09/12 17:22	2110247
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/09/12 15:00	11/09/12 17:22	2110247
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/09/12 15:00	11/09/12 17:22	2110247
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/09/12 15:00	11/09/12 17:22	2110247
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/09/12 15:00	11/09/12 17:22	2110247
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/09/12 15:00	11/09/12 17:22	2110247
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/09/12 15:00	11/09/12 17:22	2110247
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/09/12 15:00	11/09/12 17:22	2110247
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/09/12 15:00	11/09/12 17:22	2110247
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/09/12 15:00	11/09/12 17:22	2110247
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/09/12 15:00	11/09/12 17:22	2110247
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/09/12 15:00	11/09/12 17:22	2110247
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/09/12 15:00	11/09/12 17:22	2110247
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/09/12 15:00	11/09/12 17:22	2110247
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/09/12 15:00	11/09/12 17:22	2110247
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/09/12 15:00	11/09/12 17:22	2110247
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/09/12 15:00	11/09/12 17:22	2110247

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ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW1B
Lab No: AVK0311-02
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 09:54
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	79-34-5	11/09/12 15:00	11/09/12 17:22	2110247
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/09/12 15:00	11/09/12 17:22	2110247
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/09/12 15:00	11/09/12 17:22	2110247
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/09/12 15:00	11/09/12 17:22	2110247
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/09/12 15:00	11/09/12 17:22	2110247
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/09/12 15:00	11/09/12 17:22	2110247
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/09/12 15:00	11/09/12 17:22	2110247
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/09/12 15:00	11/09/12 17:22	2110247
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/09/12 15:00	11/09/12 17:22	2110247
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/09/12 15:00	11/09/12 17:22	2110247
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/09/12 15:00	11/09/12 17:22	2110247
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	97 %		75-123				1868-53-7	11/09/12 15:00	11/09/12 17:22	2110247
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	93 %		72-120				17060-07-0	11/09/12 15:00	11/09/12 17:22	2110247
Surr: Toluene-d8	EPA 8260B	EPA 5030B	90 %		75-120				2037-26-5	11/09/12 15:00	11/09/12 17:22	2110247
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	100 %		80-120				460-00-4	11/09/12 15:00	11/09/12 17:22	2110247
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/09/12 15:00	11/09/12 17:22	2110247

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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 28, 2012

Client ID: 1304-MW2A
Lab No: AVK0311-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	747	1	1	umhos/cm		1	COND	11/06/12 16:53	11/06/12 16:53	2110278
Dissolved Oxygen	SM 4500-O G	NA	4230	0.0	1	ug/L		0.0	NA	11/06/12 16:53	11/06/12 16:53	2110490
Field - pH	EPA 9040C	NA	6.12		1	pH Units			PH	11/06/12 16:53	11/06/12 16:53	2110278
Field - Temperature	SM 2550 B	NA	18.7		1	°C			TEMP	11/06/12 16:53	11/06/12 16:53	2110278
Field - Turbidity	EPA 180.1	NA	0.21		1	NTU			TURB	11/06/12 16:53	11/06/12 16:53	2110278
Field - Water Level	NA	NA	11.00		1	feet			WL	11/06/12 16:53	11/06/12 16:53	2110278
Field - Well Depth	NA	NA	16.65		1	feet				11/06/12 16:53	11/06/12 16:53	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 17:32	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 17:32	2110355
Barium	EPA 6020A	EPA 3005A	81.6	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 17:32	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 17:32	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 17:32	2110355
Chromium	EPA 6020A	EPA 3005A	2.27	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 17:32	2110355
Cobalt	EPA 6020A	EPA 3005A	0.45	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 17:32	2110355
Copper	EPA 6020A	EPA 3005A	1.17	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 17:32	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 17:32	2110355
Nickel	EPA 6020A	EPA 3005A	11.6	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 17:32	2110355
Selenium	EPA 6020A	EPA 3005A	1.26	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 17:32	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 17:32	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 17:32	2110355

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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 28, 2012

Client ID: 1304-MW2A
Lab No: AVK0311-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	5.19	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 17:32	2110355
Zinc	EPA 6020A	EPA 3005A	0.63	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 17:32	2110355
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/15/12 09:45	11/16/12 15:06	2110321
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 17:32	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/09/12 15:00	11/09/12 17:50	2110247
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/09/12 15:00	11/09/12 17:50	2110247
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/09/12 15:00	11/09/12 17:50	2110247
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/09/12 15:00	11/09/12 17:50	2110247
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/09/12 15:00	11/09/12 17:50	2110247
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/09/12 15:00	11/09/12 17:50	2110247
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/09/12 15:00	11/09/12 17:50	2110247
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/09/12 15:00	11/09/12 17:50	2110247
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/09/12 15:00	11/09/12 17:50	2110247
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/09/12 15:00	11/09/12 17:50	2110247
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/09/12 15:00	11/09/12 17:50	2110247
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/09/12 15:00	11/09/12 17:50	2110247
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/09/12 15:00	11/09/12 17:50	2110247
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/09/12 15:00	11/09/12 17:50	2110247
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/09/12 15:00	11/09/12 17:50	2110247
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/09/12 15:00	11/09/12 17:50	2110247

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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 28, 2012

Client ID: 1304-MW2A
Lab No: AVK0311-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/09/12 15:00	11/09/12 17:50	2110247
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/09/12 15:00	11/09/12 17:50	2110247
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/09/12 15:00	11/09/12 17:50	2110247
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/09/12 15:00	11/09/12 17:50	2110247
1,1-Dichloroethane	EPA 8260B	EPA 5030B	1.0	5.0	1	ug/L	J	0.2	75-34-3	11/09/12 15:00	11/09/12 17:50	2110247
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/09/12 15:00	11/09/12 17:50	2110247
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/09/12 15:00	11/09/12 17:50	2110247
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	0.5	5.0	1	ug/L	J	0.2	156-59-2	11/09/12 15:00	11/09/12 17:50	2110247
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/09/12 15:00	11/09/12 17:50	2110247
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/09/12 15:00	11/09/12 17:50	2110247
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/09/12 15:00	11/09/12 17:50	2110247
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/09/12 15:00	11/09/12 17:50	2110247
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/09/12 15:00	11/09/12 17:50	2110247
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/09/12 15:00	11/09/12 17:50	2110247
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/09/12 15:00	11/09/12 17:50	2110247
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/09/12 15:00	11/09/12 17:50	2110247
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/09/12 15:00	11/09/12 17:50	2110247
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/09/12 15:00	11/09/12 17:50	2110247
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/09/12 15:00	11/09/12 17:50	2110247
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/09/12 15:00	11/09/12 17:50	2110247
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/09/12 15:00	11/09/12 17:50	2110247

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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 28, 2012

Client ID: 1304-MW2A
Lab No: AVK0311-03
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/09/12 15:00	11/09/12 17:50	2110247
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/09/12 15:00	11/09/12 17:50	2110247
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/09/12 15:00	11/09/12 17:50	2110247
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/09/12 15:00	11/09/12 17:50	2110247
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/09/12 15:00	11/09/12 17:50	2110247
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/09/12 15:00	11/09/12 17:50	2110247
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/09/12 15:00	11/09/12 17:50	2110247
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/09/12 15:00	11/09/12 17:50	2110247
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/09/12 15:00	11/09/12 17:50	2110247
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/09/12 15:00	11/09/12 17:50	2110247
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	98 %		75-123				1868-53-7	11/09/12 15:00	11/09/12 17:50	2110247
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	93 %		72-120				17060-07-0	11/09/12 15:00	11/09/12 17:50	2110247
Surr: Toluene-d8	EPA 8260B	EPA 5030B	92 %		75-120				2037-26-5	11/09/12 15:00	11/09/12 17:50	2110247
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	98 %		80-120				460-00-4	11/09/12 15:00	11/09/12 17:50	2110247
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/09/12 15:00	11/09/12 17:50	2110247

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW2B
Lab No: AVK0311-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:15
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	375	1	1	umhos/cm		1	COND	11/06/12 16:15	11/06/12 16:15	2110278
Dissolved Oxygen	SM 4500-O G	NA	3940	0.0	1	ug/L		0.0	NA	11/06/12 16:15	11/06/12 16:15	2110490
Field - pH	EPA 9040C	NA	6.50		1	pH Units			PH	11/06/12 16:15	11/06/12 16:15	2110278
Field - Temperature	SM 2550 B	NA	17.0		1	°C			TEMP	11/06/12 16:15	11/06/12 16:15	2110278
Field - Turbidity	EPA 180.1	NA	0.15		1	NTU			TURB	11/06/12 16:15	11/06/12 16:15	2110278
Field - Water Level	NA	NA	11.15		1	feet			WL	11/06/12 16:15	11/06/12 16:15	2110278
Field - Well Depth	NA	NA	24.00		1	feet				11/06/12 16:15	11/06/12 16:15	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 17:38	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 17:38	2110355
Barium	EPA 6020A	EPA 3005A	22.6	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 17:38	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 17:38	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 17:38	2110355
Chromium	EPA 6020A	EPA 3005A	2.49	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 17:38	2110355
Cobalt	EPA 6020A	EPA 3005A	28.0	10.0	1	ug/L		0.17	7440-48-4	11/15/12 09:00	11/15/12 17:38	2110355
Copper	EPA 6020A	EPA 3005A	0.49	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 17:38	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 17:38	2110355
Nickel	EPA 6020A	EPA 3005A	6.20	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 17:38	2110355
Selenium	EPA 6020A	EPA 3005A	0.59	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 17:38	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 17:38	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 17:38	2110355

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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 28, 2012

Client ID: 1304-MW2B
Lab No: AVK0311-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:15
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	7.26	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 17:38	2110355
Zinc	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.27	7440-66-6	11/15/12 09:00	11/15/12 17:38	2110355
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/15/12 09:45	11/16/12 15:08	2110321
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 17:38	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/09/12 15:00	11/09/12 18:19	2110247
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/09/12 15:00	11/09/12 18:19	2110247
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/09/12 15:00	11/09/12 18:19	2110247
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/09/12 15:00	11/09/12 18:19	2110247
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/09/12 15:00	11/09/12 18:19	2110247
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/09/12 15:00	11/09/12 18:19	2110247
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/09/12 15:00	11/09/12 18:19	2110247
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/09/12 15:00	11/09/12 18:19	2110247
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/09/12 15:00	11/09/12 18:19	2110247
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/09/12 15:00	11/09/12 18:19	2110247
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/09/12 15:00	11/09/12 18:19	2110247
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/09/12 15:00	11/09/12 18:19	2110247
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/09/12 15:00	11/09/12 18:19	2110247
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/09/12 15:00	11/09/12 18:19	2110247
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/09/12 15:00	11/09/12 18:19	2110247
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/09/12 15:00	11/09/12 18:19	2110247

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
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Allied Waste Ind. Inc. - Charlotte
5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW2B
Lab No: AVK0311-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:15
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/09/12 15:00	11/09/12 18:19	2110247
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/09/12 15:00	11/09/12 18:19	2110247
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/09/12 15:00	11/09/12 18:19	2110247
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/09/12 15:00	11/09/12 18:19	2110247
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/09/12 15:00	11/09/12 18:19	2110247
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/09/12 15:00	11/09/12 18:19	2110247
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/09/12 15:00	11/09/12 18:19	2110247
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/09/12 15:00	11/09/12 18:19	2110247
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/09/12 15:00	11/09/12 18:19	2110247
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/09/12 15:00	11/09/12 18:19	2110247
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/09/12 15:00	11/09/12 18:19	2110247
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/09/12 15:00	11/09/12 18:19	2110247
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/09/12 15:00	11/09/12 18:19	2110247
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/09/12 15:00	11/09/12 18:19	2110247
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/09/12 15:00	11/09/12 18:19	2110247
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/09/12 15:00	11/09/12 18:19	2110247
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/09/12 15:00	11/09/12 18:19	2110247
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/09/12 15:00	11/09/12 18:19	2110247
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/09/12 15:00	11/09/12 18:19	2110247
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/09/12 15:00	11/09/12 18:19	2110247
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/09/12 15:00	11/09/12 18:19	2110247

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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 28, 2012

Client ID: 1304-MW2B
Lab No: AVK0311-04
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:15
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/09/12 15:00	11/09/12 18:19	2110247
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/09/12 15:00	11/09/12 18:19	2110247
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/09/12 15:00	11/09/12 18:19	2110247
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/09/12 15:00	11/09/12 18:19	2110247
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/09/12 15:00	11/09/12 18:19	2110247
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/09/12 15:00	11/09/12 18:19	2110247
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/09/12 15:00	11/09/12 18:19	2110247
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/09/12 15:00	11/09/12 18:19	2110247
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/09/12 15:00	11/09/12 18:19	2110247
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/09/12 15:00	11/09/12 18:19	2110247
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	98 %		75-123				1868-53-7	11/09/12 15:00	11/09/12 18:19	2110247
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	93 %		72-120				17060-07-0	11/09/12 15:00	11/09/12 18:19	2110247
Surr: Toluene-d8	EPA 8260B	EPA 5030B	92 %		75-120				2037-26-5	11/09/12 15:00	11/09/12 18:19	2110247
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	100 %		80-120				460-00-4	11/09/12 15:00	11/09/12 18:19	2110247
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/09/12 15:00	11/09/12 18:19	2110247

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW10
Lab No: AVK0311-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 12:08
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	155	1	1	umhos/cm		1	COND	11/08/12 12:08	11/08/12 12:08	2110278
Dissolved Oxygen	SM 4500-O G	NA	5940	0.0	1	ug/L		0.0	NA	11/08/12 12:08	11/08/12 12:08	2110490
Field - pH	EPA 9040C	NA	6.07		1	pH Units			PH	11/08/12 12:08	11/08/12 12:08	2110278
Field - Temperature	SM 2550 B	NA	18.5		1	°C			TEMP	11/08/12 12:08	11/08/12 12:08	2110278
Field - Turbidity	EPA 180.1	NA	8.60		1	NTU			TURB	11/08/12 12:08	11/08/12 12:08	2110278
Field - Water Level	NA	NA	23.16		1	feet			WL	11/08/12 12:08	11/08/12 12:08	2110278
Field - Well Depth	NA	NA	25.00		1	feet				11/08/12 12:08	11/08/12 12:08	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 17:44	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 17:44	2110355
Barium	EPA 6020A	EPA 3005A	47.6	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 17:44	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 17:44	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 17:44	2110355
Chromium	EPA 6020A	EPA 3005A	9.49	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 17:44	2110355
Cobalt	EPA 6020A	EPA 3005A	1.59	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 17:44	2110355
Copper	EPA 6020A	EPA 3005A	1.36	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 17:44	2110355
Lead	EPA 6020A	EPA 3005A	0.15	10.0	1	ug/L	J	0.09	7439-92-1	11/15/12 09:00	11/15/12 17:44	2110355
Nickel	EPA 6020A	EPA 3005A	6.36	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 17:44	2110355
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/15/12 09:00	11/15/12 17:44	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 17:44	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 17:44	2110355

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW10
Lab No: AVK0311-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 12:08
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	5.26	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 17:44	2110355
Zinc	EPA 6020A	EPA 3005A	5.36	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 17:44	2110355
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/15/12 09:45	11/16/12 15:15	2110321
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 17:44	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/09/12 15:00	11/09/12 18:47	2110247
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/09/12 15:00	11/09/12 18:47	2110247
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/09/12 15:00	11/09/12 18:47	2110247
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/09/12 15:00	11/09/12 18:47	2110247
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/09/12 15:00	11/09/12 18:47	2110247
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/09/12 15:00	11/09/12 18:47	2110247
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/09/12 15:00	11/09/12 18:47	2110247
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/09/12 15:00	11/09/12 18:47	2110247
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/09/12 15:00	11/09/12 18:47	2110247
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/09/12 15:00	11/09/12 18:47	2110247
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/09/12 15:00	11/09/12 18:47	2110247
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/09/12 15:00	11/09/12 18:47	2110247
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/09/12 15:00	11/09/12 18:47	2110247
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/09/12 15:00	11/09/12 18:47	2110247
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/09/12 15:00	11/09/12 18:47	2110247
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/09/12 15:00	11/09/12 18:47	2110247

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW10
Lab No: AVK0311-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 12:08
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/09/12 15:00	11/09/12 18:47	2110247
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/09/12 15:00	11/09/12 18:47	2110247
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/09/12 15:00	11/09/12 18:47	2110247
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/09/12 15:00	11/09/12 18:47	2110247
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/09/12 15:00	11/09/12 18:47	2110247
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/09/12 15:00	11/09/12 18:47	2110247
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/09/12 15:00	11/09/12 18:47	2110247
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/09/12 15:00	11/09/12 18:47	2110247
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/09/12 15:00	11/09/12 18:47	2110247
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/09/12 15:00	11/09/12 18:47	2110247
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/09/12 15:00	11/09/12 18:47	2110247
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/09/12 15:00	11/09/12 18:47	2110247
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/09/12 15:00	11/09/12 18:47	2110247
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/09/12 15:00	11/09/12 18:47	2110247
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/09/12 15:00	11/09/12 18:47	2110247
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/09/12 15:00	11/09/12 18:47	2110247
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/09/12 15:00	11/09/12 18:47	2110247
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/09/12 15:00	11/09/12 18:47	2110247
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/09/12 15:00	11/09/12 18:47	2110247
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/09/12 15:00	11/09/12 18:47	2110247
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/09/12 15:00	11/09/12 18:47	2110247

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW10
Lab No: AVK0311-05
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 12:08
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/09/12 15:00	11/09/12 18:47	2110247
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/09/12 15:00	11/09/12 18:47	2110247
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/09/12 15:00	11/09/12 18:47	2110247
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/09/12 15:00	11/09/12 18:47	2110247
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/09/12 15:00	11/09/12 18:47	2110247
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/09/12 15:00	11/09/12 18:47	2110247
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/09/12 15:00	11/09/12 18:47	2110247
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/09/12 15:00	11/09/12 18:47	2110247
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/09/12 15:00	11/09/12 18:47	2110247
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/09/12 15:00	11/09/12 18:47	2110247
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	97 %		75-123				1868-53-7	11/09/12 15:00	11/09/12 18:47	2110247
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	94 %		72-120				17060-07-0	11/09/12 15:00	11/09/12 18:47	2110247
Surr: Toluene-d8	EPA 8260B	EPA 5030B	91 %		75-120				2037-26-5	11/09/12 15:00	11/09/12 18:47	2110247
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	98 %		80-120				460-00-4	11/09/12 15:00	11/09/12 18:47	2110247
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/09/12 15:00	11/09/12 18:47	2110247

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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 28, 2012

Client ID: 1304-MW10A
Lab No: AVK0311-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 13:18
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	217	1	1	umhos/cm		1	COND	11/08/12 13:18	11/08/12 13:18	2110278
Dissolved Oxygen	SM 4500-O G	NA	6520	0.0	1	ug/L		0.0	NA	11/08/12 13:18	11/08/12 13:18	2110490
Field - pH	EPA 9040C	NA	6.80		1	pH Units			PH	11/08/12 13:18	11/08/12 13:18	2110278
Field - Temperature	SM 2550 B	NA	18.6		1	°C			TEMP	11/08/12 13:18	11/08/12 13:18	2110278
Field - Turbidity	EPA 180.1	NA	8.66		1	NTU			TURB	11/08/12 13:18	11/08/12 13:18	2110278
Field - Water Level	NA	NA	23.70		1	feet			WL	11/08/12 13:18	11/08/12 13:18	2110278
Field - Well Depth	NA	NA	43.00		1	feet				11/08/12 13:18	11/08/12 13:18	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 17:59	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 17:59	2110355
Barium	EPA 6020A	EPA 3005A	26.5	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 17:59	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 17:59	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 17:59	2110355
Chromium	EPA 6020A	EPA 3005A	3.20	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 17:59	2110355
Cobalt	EPA 6020A	EPA 3005A	0.23	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 17:59	2110355
Copper	EPA 6020A	EPA 3005A	0.79	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 17:59	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 17:59	2110355
Nickel	EPA 6020A	EPA 3005A	1.48	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 17:59	2110355
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/15/12 09:00	11/15/12 17:59	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 17:59	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 17:59	2110355

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW10A
Lab No: AVK0311-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 13:18
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	3.98	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 17:59	2110355
Zinc	EPA 6020A	EPA 3005A	2.57	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 17:59	2110355
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/15/12 09:45	11/16/12 15:18	2110321
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 17:59	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/09/12 15:00	11/09/12 19:15	2110247
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/09/12 15:00	11/09/12 19:15	2110247
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/09/12 15:00	11/09/12 19:15	2110247
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/09/12 15:00	11/09/12 19:15	2110247
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/09/12 15:00	11/09/12 19:15	2110247
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/09/12 15:00	11/09/12 19:15	2110247
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/09/12 15:00	11/09/12 19:15	2110247
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/09/12 15:00	11/09/12 19:15	2110247
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/09/12 15:00	11/09/12 19:15	2110247
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/09/12 15:00	11/09/12 19:15	2110247
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/09/12 15:00	11/09/12 19:15	2110247
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/09/12 15:00	11/09/12 19:15	2110247
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/09/12 15:00	11/09/12 19:15	2110247
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/09/12 15:00	11/09/12 19:15	2110247
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/09/12 15:00	11/09/12 19:15	2110247
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/09/12 15:00	11/09/12 19:15	2110247

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW10A
Lab No: AVK0311-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 13:18
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/09/12 15:00	11/09/12 19:15	2110247
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/09/12 15:00	11/09/12 19:15	2110247
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/09/12 15:00	11/09/12 19:15	2110247
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/09/12 15:00	11/09/12 19:15	2110247
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/09/12 15:00	11/09/12 19:15	2110247
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/09/12 15:00	11/09/12 19:15	2110247
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/09/12 15:00	11/09/12 19:15	2110247
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/09/12 15:00	11/09/12 19:15	2110247
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/09/12 15:00	11/09/12 19:15	2110247
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/09/12 15:00	11/09/12 19:15	2110247
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/09/12 15:00	11/09/12 19:15	2110247
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/09/12 15:00	11/09/12 19:15	2110247
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/09/12 15:00	11/09/12 19:15	2110247
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/09/12 15:00	11/09/12 19:15	2110247
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/09/12 15:00	11/09/12 19:15	2110247
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/09/12 15:00	11/09/12 19:15	2110247
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/09/12 15:00	11/09/12 19:15	2110247
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/09/12 15:00	11/09/12 19:15	2110247
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/09/12 15:00	11/09/12 19:15	2110247
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/09/12 15:00	11/09/12 19:15	2110247
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/09/12 15:00	11/09/12 19:15	2110247

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW10A
Lab No: AVK0311-06
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 13:18
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/09/12 15:00	11/09/12 19:15	2110247
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/09/12 15:00	11/09/12 19:15	2110247
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/09/12 15:00	11/09/12 19:15	2110247
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/09/12 15:00	11/09/12 19:15	2110247
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/09/12 15:00	11/09/12 19:15	2110247
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/09/12 15:00	11/09/12 19:15	2110247
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/09/12 15:00	11/09/12 19:15	2110247
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/09/12 15:00	11/09/12 19:15	2110247
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/09/12 15:00	11/09/12 19:15	2110247
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/09/12 15:00	11/09/12 19:15	2110247
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	97 %		75-123				1868-53-7	11/09/12 15:00	11/09/12 19:15	2110247
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	94 %		72-120				17060-07-0	11/09/12 15:00	11/09/12 19:15	2110247
Surr: Toluene-d8	EPA 8260B	EPA 5030B	92 %		75-120				2037-26-5	11/09/12 15:00	11/09/12 19:15	2110247
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	100 %		80-120				460-00-4	11/09/12 15:00	11/09/12 19:15	2110247
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/09/12 15:00	11/09/12 19:15	2110247

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW11
Lab No: AVK0311-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 09:46
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	455	1	1	umhos/cm		1	COND	11/08/12 09:46	11/08/12 09:46	2110278
Dissolved Oxygen	SM 4500-O G	NA	3450	0.0	1	ug/L		0.0	NA	11/08/12 09:46	11/08/12 09:46	2110490
Field - pH	EPA 9040C	NA	6.61		1	pH Units			PH	11/08/12 09:46	11/08/12 09:46	2110278
Field - Temperature	SM 2550 B	NA	21.5		1	°C			TEMP	11/08/12 09:46	11/08/12 09:46	2110278
Field - Turbidity	EPA 180.1	NA	0.52		1	NTU			TURB	11/08/12 09:46	11/08/12 09:46	2110278
Field - Water Level	NA	NA	13.53		1	feet			WL	11/08/12 09:46	11/08/12 09:46	2110278
Field - Well Depth	NA	NA	22.00		1	feet				11/08/12 09:46	11/08/12 09:46	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 18:05	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 18:05	2110355
Barium	EPA 6020A	EPA 3005A	21.8	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 18:05	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 18:05	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 18:05	2110355
Chromium	EPA 6020A	EPA 3005A	3.77	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 18:05	2110355
Cobalt	EPA 6020A	EPA 3005A	0.37	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 18:05	2110355
Copper	EPA 6020A	EPA 3005A	0.81	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 18:05	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 18:05	2110355
Nickel	EPA 6020A	EPA 3005A	2.26	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 18:05	2110355
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/15/12 09:00	11/15/12 18:05	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 18:05	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 18:05	2110355

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW11
Lab No: AVK0311-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 09:46
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	6.23	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 18:05	2110355
Zinc	EPA 6020A	EPA 3005A	0.74	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 18:05	2110355
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/15/12 09:45	11/16/12 15:20	2110321
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 18:05	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/09/12 15:00	11/09/12 19:44	2110247
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/09/12 15:00	11/09/12 19:44	2110247
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/09/12 15:00	11/09/12 19:44	2110247
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/09/12 15:00	11/09/12 19:44	2110247
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/09/12 15:00	11/09/12 19:44	2110247
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/09/12 15:00	11/09/12 19:44	2110247
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/09/12 15:00	11/09/12 19:44	2110247
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/09/12 15:00	11/09/12 19:44	2110247
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/09/12 15:00	11/09/12 19:44	2110247
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/09/12 15:00	11/09/12 19:44	2110247
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/09/12 15:00	11/09/12 19:44	2110247
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/09/12 15:00	11/09/12 19:44	2110247
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/09/12 15:00	11/09/12 19:44	2110247
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/09/12 15:00	11/09/12 19:44	2110247
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/09/12 15:00	11/09/12 19:44	2110247
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/09/12 15:00	11/09/12 19:44	2110247

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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 28, 2012

Client ID: 1304-MW11
Lab No: AVK0311-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 09:46
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/09/12 15:00	11/09/12 19:44	2110247
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/09/12 15:00	11/09/12 19:44	2110247
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/09/12 15:00	11/09/12 19:44	2110247
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/09/12 15:00	11/09/12 19:44	2110247
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/09/12 15:00	11/09/12 19:44	2110247
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/09/12 15:00	11/09/12 19:44	2110247
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/09/12 15:00	11/09/12 19:44	2110247
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/09/12 15:00	11/09/12 19:44	2110247
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/09/12 15:00	11/09/12 19:44	2110247
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/09/12 15:00	11/09/12 19:44	2110247
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/09/12 15:00	11/09/12 19:44	2110247
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/09/12 15:00	11/09/12 19:44	2110247
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/09/12 15:00	11/09/12 19:44	2110247
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/09/12 15:00	11/09/12 19:44	2110247
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/09/12 15:00	11/09/12 19:44	2110247
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/09/12 15:00	11/09/12 19:44	2110247
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/09/12 15:00	11/09/12 19:44	2110247
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/09/12 15:00	11/09/12 19:44	2110247
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/09/12 15:00	11/09/12 19:44	2110247
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/09/12 15:00	11/09/12 19:44	2110247
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/09/12 15:00	11/09/12 19:44	2110247

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW11
Lab No: AVK0311-07
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 09:46
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/09/12 15:00	11/09/12 19:44	2110247
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/09/12 15:00	11/09/12 19:44	2110247
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/09/12 15:00	11/09/12 19:44	2110247
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/09/12 15:00	11/09/12 19:44	2110247
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/09/12 15:00	11/09/12 19:44	2110247
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/09/12 15:00	11/09/12 19:44	2110247
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/09/12 15:00	11/09/12 19:44	2110247
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/09/12 15:00	11/09/12 19:44	2110247
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/09/12 15:00	11/09/12 19:44	2110247
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/09/12 15:00	11/09/12 19:44	2110247
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	96 %		75-123				1868-53-7	11/09/12 15:00	11/09/12 19:44	2110247
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	93 %		72-120				17060-07-0	11/09/12 15:00	11/09/12 19:44	2110247
Surr: Toluene-d8	EPA 8260B	EPA 5030B	92 %		75-120				2037-26-5	11/09/12 15:00	11/09/12 19:44	2110247
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	98 %		80-120				460-00-4	11/09/12 15:00	11/09/12 19:44	2110247
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/09/12 15:00	11/09/12 19:44	2110247

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW12
Lab No: AVK0311-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 08:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	446	1	1	umhos/cm		1	COND	11/08/12 08:53	11/08/12 08:53	2110278
Dissolved Oxygen	SM 4500-O G	NA	5720	0.0	1	ug/L		0.0	NA	11/08/12 08:53	11/08/12 08:53	2110490
Field - pH	EPA 9040C	NA	6.65		1	pH Units			PH	11/08/12 08:53	11/08/12 08:53	2110278
Field - Temperature	SM 2550 B	NA	17.6		1	°C			TEMP	11/08/12 08:53	11/08/12 08:53	2110278
Field - Turbidity	EPA 180.1	NA	0.61		1	NTU			TURB	11/08/12 08:53	11/08/12 08:53	2110278
Field - Water Level	NA	NA	15.50		1	feet			WL	11/08/12 08:53	11/08/12 08:53	2110278
Field - Well Depth	NA	NA	26.00		1	feet				11/08/12 08:53	11/08/12 08:53	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 18:11	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 18:11	2110355
Barium	EPA 6020A	EPA 3005A	19.1	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 18:11	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 18:11	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 18:11	2110355
Chromium	EPA 6020A	EPA 3005A	6.08	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 18:11	2110355
Cobalt	EPA 6020A	EPA 3005A	50.1	10.0	1	ug/L		0.17	7440-48-4	11/15/12 09:00	11/15/12 18:11	2110355
Copper	EPA 6020A	EPA 3005A	0.96	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 18:11	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 18:11	2110355
Nickel	EPA 6020A	EPA 3005A	6.99	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 18:11	2110355
Selenium	EPA 6020A	EPA 3005A	0.92	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 18:11	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 18:11	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 18:11	2110355

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW12
Lab No: AVK0311-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 08:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	7.23	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 18:11	2110355
Zinc	EPA 6020A	EPA 3005A	1.57	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 18:11	2110355
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/15/12 09:45	11/16/12 15:22	2110321
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 18:11	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/09/12 15:00	11/09/12 20:12	2110247
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/09/12 15:00	11/09/12 20:12	2110247
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/09/12 15:00	11/09/12 20:12	2110247
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/09/12 15:00	11/09/12 20:12	2110247
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/09/12 15:00	11/09/12 20:12	2110247
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/09/12 15:00	11/09/12 20:12	2110247
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/09/12 15:00	11/09/12 20:12	2110247
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/09/12 15:00	11/09/12 20:12	2110247
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/09/12 15:00	11/09/12 20:12	2110247
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/09/12 15:00	11/09/12 20:12	2110247
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/09/12 15:00	11/09/12 20:12	2110247
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/09/12 15:00	11/09/12 20:12	2110247
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/09/12 15:00	11/09/12 20:12	2110247
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/09/12 15:00	11/09/12 20:12	2110247
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/09/12 15:00	11/09/12 20:12	2110247
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/09/12 15:00	11/09/12 20:12	2110247

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW12
Lab No: AVK0311-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 08:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/09/12 15:00	11/09/12 20:12	2110247
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/09/12 15:00	11/09/12 20:12	2110247
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/09/12 15:00	11/09/12 20:12	2110247
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/09/12 15:00	11/09/12 20:12	2110247
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/09/12 15:00	11/09/12 20:12	2110247
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/09/12 15:00	11/09/12 20:12	2110247
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/09/12 15:00	11/09/12 20:12	2110247
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/09/12 15:00	11/09/12 20:12	2110247
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/09/12 15:00	11/09/12 20:12	2110247
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/09/12 15:00	11/09/12 20:12	2110247
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/09/12 15:00	11/09/12 20:12	2110247
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/09/12 15:00	11/09/12 20:12	2110247
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/09/12 15:00	11/09/12 20:12	2110247
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/09/12 15:00	11/09/12 20:12	2110247
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/09/12 15:00	11/09/12 20:12	2110247
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/09/12 15:00	11/09/12 20:12	2110247
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/09/12 15:00	11/09/12 20:12	2110247
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/09/12 15:00	11/09/12 20:12	2110247
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/09/12 15:00	11/09/12 20:12	2110247
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/09/12 15:00	11/09/12 20:12	2110247
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/09/12 15:00	11/09/12 20:12	2110247

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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 28, 2012

Client ID: 1304-MW12
Lab No: AVK0311-08
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 08:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/09/12 15:00	11/09/12 20:12	2110247
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/09/12 15:00	11/09/12 20:12	2110247
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/09/12 15:00	11/09/12 20:12	2110247
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/09/12 15:00	11/09/12 20:12	2110247
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/09/12 15:00	11/09/12 20:12	2110247
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/09/12 15:00	11/09/12 20:12	2110247
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/09/12 15:00	11/09/12 20:12	2110247
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/09/12 15:00	11/09/12 20:12	2110247
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/09/12 15:00	11/09/12 20:12	2110247
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/09/12 15:00	11/09/12 20:12	2110247
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	98 %		75-123				1868-53-7	11/09/12 15:00	11/09/12 20:12	2110247
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	93 %		72-120				17060-07-0	11/09/12 15:00	11/09/12 20:12	2110247
Surr: Toluene-d8	EPA 8260B	EPA 5030B	91 %		75-120				2037-26-5	11/09/12 15:00	11/09/12 20:12	2110247
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	100 %		80-120				460-00-4	11/09/12 15:00	11/09/12 20:12	2110247
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/09/12 15:00	11/09/12 20:12	2110247

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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 28, 2012

Client ID: 1304-MW14
Lab No: AVK0311-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 10:36
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	486	1	1	umhos/cm		1	COND	11/07/12 10:36	11/07/12 10:36	2110278
Dissolved Oxygen	SM 4500-O G	NA	1930	0.0	1	ug/L		0.0	NA	11/07/12 10:36	11/07/12 10:36	2110490
Field - pH	EPA 9040C	NA	6.47		1	pH Units			PH	11/07/12 10:36	11/07/12 10:36	2110278
Field - Temperature	SM 2550 B	NA	18.9		1	°C			TEMP	11/07/12 10:36	11/07/12 10:36	2110278
Field - Turbidity	EPA 180.1	NA	0.63		1	NTU			TURB	11/07/12 10:36	11/07/12 10:36	2110278
Field - Water Level	NA	NA	10.90		1	feet			WL	11/07/12 10:36	11/07/12 10:36	2110278
Field - Well Depth	NA	NA	15.70		1	feet				11/07/12 10:36	11/07/12 10:36	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 18:17	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 18:17	2110355
Barium	EPA 6020A	EPA 3005A	9.77	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 18:17	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 18:17	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 18:17	2110355
Chromium	EPA 6020A	EPA 3005A	2.79	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 18:17	2110355
Cobalt	EPA 6020A	EPA 3005A	0.51	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 18:17	2110355
Copper	EPA 6020A	EPA 3005A	2.14	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 18:17	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 18:17	2110355
Nickel	EPA 6020A	EPA 3005A	17.7	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 18:17	2110355
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/15/12 09:00	11/15/12 18:17	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 18:17	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 18:17	2110355

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW14
Lab No: AVK0311-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 10:36
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	9.45	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 18:17	2110355
Zinc	EPA 6020A	EPA 3005A	4.43	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 18:17	2110355
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/15/12 09:45	11/16/12 15:25	2110321
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 18:17	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/09/12 15:00	11/09/12 20:41	2110247
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/09/12 15:00	11/09/12 20:41	2110247
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/09/12 15:00	11/09/12 20:41	2110247
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/09/12 15:00	11/09/12 20:41	2110247
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/09/12 15:00	11/09/12 20:41	2110247
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/09/12 15:00	11/09/12 20:41	2110247
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/09/12 15:00	11/09/12 20:41	2110247
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/09/12 15:00	11/09/12 20:41	2110247
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/09/12 15:00	11/09/12 20:41	2110247
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/09/12 15:00	11/09/12 20:41	2110247
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/09/12 15:00	11/09/12 20:41	2110247
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/09/12 15:00	11/09/12 20:41	2110247
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/09/12 15:00	11/09/12 20:41	2110247
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/09/12 15:00	11/09/12 20:41	2110247
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/09/12 15:00	11/09/12 20:41	2110247
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/09/12 15:00	11/09/12 20:41	2110247

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW14
Lab No: AVK0311-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 10:36
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/09/12 15:00	11/09/12 20:41	2110247
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/09/12 15:00	11/09/12 20:41	2110247
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/09/12 15:00	11/09/12 20:41	2110247
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/09/12 15:00	11/09/12 20:41	2110247
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/09/12 15:00	11/09/12 20:41	2110247
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/09/12 15:00	11/09/12 20:41	2110247
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/09/12 15:00	11/09/12 20:41	2110247
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/09/12 15:00	11/09/12 20:41	2110247
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/09/12 15:00	11/09/12 20:41	2110247
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/09/12 15:00	11/09/12 20:41	2110247
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/09/12 15:00	11/09/12 20:41	2110247
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/09/12 15:00	11/09/12 20:41	2110247
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/09/12 15:00	11/09/12 20:41	2110247
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/09/12 15:00	11/09/12 20:41	2110247
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/09/12 15:00	11/09/12 20:41	2110247
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/09/12 15:00	11/09/12 20:41	2110247
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/09/12 15:00	11/09/12 20:41	2110247
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/09/12 15:00	11/09/12 20:41	2110247
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/09/12 15:00	11/09/12 20:41	2110247
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/09/12 15:00	11/09/12 20:41	2110247
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/09/12 15:00	11/09/12 20:41	2110247

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW14
Lab No: AVK0311-09
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 10:36
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/09/12 15:00	11/09/12 20:41	2110247
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/09/12 15:00	11/09/12 20:41	2110247
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/09/12 15:00	11/09/12 20:41	2110247
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/09/12 15:00	11/09/12 20:41	2110247
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/09/12 15:00	11/09/12 20:41	2110247
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/09/12 15:00	11/09/12 20:41	2110247
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/09/12 15:00	11/09/12 20:41	2110247
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/09/12 15:00	11/09/12 20:41	2110247
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/09/12 15:00	11/09/12 20:41	2110247
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/09/12 15:00	11/09/12 20:41	2110247
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	97 %		75-123				1868-53-7	11/09/12 15:00	11/09/12 20:41	2110247
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	95 %		72-120				17060-07-0	11/09/12 15:00	11/09/12 20:41	2110247
Surr: Toluene-d8	EPA 8260B	EPA 5030B	92 %		75-120				2037-26-5	11/09/12 15:00	11/09/12 20:41	2110247
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	98 %		80-120				460-00-4	11/09/12 15:00	11/09/12 20:41	2110247
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/09/12 15:00	11/09/12 20:41	2110247

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW14B
Lab No: AVK0311-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 12:26
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	536	1	1	umhos/cm		1	COND	11/07/12 12:26	11/07/12 12:26	2110278
Dissolved Oxygen	SM 4500-O G	NA	1380	0.0	1	ug/L		0.0	NA	11/07/12 12:26	11/07/12 12:26	2110490
Field - pH	EPA 9040C	NA	6.54		1	pH Units			PH	11/07/12 12:26	11/07/12 12:26	2110278
Field - Temperature	SM 2550 B	NA	17.7		1	°C			TEMP	11/07/12 12:26	11/07/12 12:26	2110278
Field - Turbidity	EPA 180.1	NA	2.02		1	NTU			TURB	11/07/12 12:26	11/07/12 12:26	2110278
Field - Water Level	NA	NA	11.07		1	feet			WL	11/07/12 12:26	11/07/12 12:26	2110278
Field - Well Depth	NA	NA	50.00		1	feet				11/07/12 12:26	11/07/12 12:26	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 18:23	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 18:23	2110355
Barium	EPA 6020A	EPA 3005A	5.88	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 18:23	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 18:23	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 18:23	2110355
Chromium	EPA 6020A	EPA 3005A	2.71	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 18:23	2110355
Cobalt	EPA 6020A	EPA 3005A	0.27	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 18:23	2110355
Copper	EPA 6020A	EPA 3005A	0.86	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 18:23	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 18:23	2110355
Nickel	EPA 6020A	EPA 3005A	2.04	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 18:23	2110355
Selenium	EPA 6020A	EPA 3005A	1.06	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 18:23	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 18:23	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 18:23	2110355

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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 28, 2012

Client ID: 1304-MW14B
Lab No: AVK0311-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 12:26
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	7.67	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 18:23	2110355
Zinc	EPA 6020A	EPA 3005A	1.41	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 18:23	2110355
Mercury	EPA 7470A	EPA 7470A	0.072	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 14:38	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 18:23	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/09/12 15:00	11/09/12 21:09	2110247
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/09/12 15:00	11/09/12 21:09	2110247
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/09/12 15:00	11/09/12 21:09	2110247
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/09/12 15:00	11/09/12 21:09	2110247
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/09/12 15:00	11/09/12 21:09	2110247
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/09/12 15:00	11/09/12 21:09	2110247
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/09/12 15:00	11/09/12 21:09	2110247
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/09/12 15:00	11/09/12 21:09	2110247
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/09/12 15:00	11/09/12 21:09	2110247
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/09/12 15:00	11/09/12 21:09	2110247
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/09/12 15:00	11/09/12 21:09	2110247
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/09/12 15:00	11/09/12 21:09	2110247
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/09/12 15:00	11/09/12 21:09	2110247
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	124-48-1	11/09/12 15:00	11/09/12 21:09	2110247
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/09/12 15:00	11/09/12 21:09	2110247
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/09/12 15:00	11/09/12 21:09	2110247

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ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW14B
Lab No: AVK0311-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 12:26
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/09/12 15:00	11/09/12 21:09	2110247
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/09/12 15:00	11/09/12 21:09	2110247
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/09/12 15:00	11/09/12 21:09	2110247
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/09/12 15:00	11/09/12 21:09	2110247
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/09/12 15:00	11/09/12 21:09	2110247
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/09/12 15:00	11/09/12 21:09	2110247
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/09/12 15:00	11/09/12 21:09	2110247
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/09/12 15:00	11/09/12 21:09	2110247
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/09/12 15:00	11/09/12 21:09	2110247
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/09/12 15:00	11/09/12 21:09	2110247
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/09/12 15:00	11/09/12 21:09	2110247
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/09/12 15:00	11/09/12 21:09	2110247
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/09/12 15:00	11/09/12 21:09	2110247
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/09/12 15:00	11/09/12 21:09	2110247
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/09/12 15:00	11/09/12 21:09	2110247
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/09/12 15:00	11/09/12 21:09	2110247
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/09/12 15:00	11/09/12 21:09	2110247
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/09/12 15:00	11/09/12 21:09	2110247
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/09/12 15:00	11/09/12 21:09	2110247
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/09/12 15:00	11/09/12 21:09	2110247
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/09/12 15:00	11/09/12 21:09	2110247

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW14B
Lab No: AVK0311-10
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 12:26
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/09/12 15:00	11/09/12 21:09	2110247
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/09/12 15:00	11/09/12 21:09	2110247
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/09/12 15:00	11/09/12 21:09	2110247
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/09/12 15:00	11/09/12 21:09	2110247
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/09/12 15:00	11/09/12 21:09	2110247
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/09/12 15:00	11/09/12 21:09	2110247
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/09/12 15:00	11/09/12 21:09	2110247
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/09/12 15:00	11/09/12 21:09	2110247
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/09/12 15:00	11/09/12 21:09	2110247
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/09/12 15:00	11/09/12 21:09	2110247
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	97 %		75-123				1868-53-7	11/09/12 15:00	11/09/12 21:09	2110247
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	92 %		72-120				17060-07-0	11/09/12 15:00	11/09/12 21:09	2110247
Surr: Toluene-d8	EPA 8260B	EPA 5030B	92 %		75-120				2037-26-5	11/09/12 15:00	11/09/12 21:09	2110247
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	98 %		80-120				460-00-4	11/09/12 15:00	11/09/12 21:09	2110247
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/09/12 15:00	11/09/12 21:09	2110247

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW15
Lab No: AVK0311-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 11:47
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	586	1	1	umhos/cm		1	COND	11/07/12 11:47	11/07/12 11:47	2110278
Dissolved Oxygen	SM 4500-O G	NA	1250	0.0	1	ug/L		0.0	NA	11/07/12 11:47	11/07/12 11:47	2110490
Field - pH	EPA 9040C	NA	7.01		1	pH Units			PH	11/07/12 11:47	11/07/12 11:47	2110278
Field - Temperature	SM 2550 B	NA	15.0		1	°C			TEMP	11/07/12 11:47	11/07/12 11:47	2110278
Field - Turbidity	EPA 180.1	NA	1.93		1	NTU			TURB	11/07/12 11:47	11/07/12 11:47	2110278
Field - Water Level	NA	NA	10.23		1	feet			WL	11/07/12 11:47	11/07/12 11:47	2110278
Field - Well Depth	NA	NA	15.03		1	feet				11/07/12 11:47	11/07/12 11:47	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 18:29	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 18:29	2110355
Barium	EPA 6020A	EPA 3005A	70.4	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 18:29	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 18:29	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 18:29	2110355
Chromium	EPA 6020A	EPA 3005A	2.94	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 18:29	2110355
Cobalt	EPA 6020A	EPA 3005A	8.07	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 18:29	2110355
Copper	EPA 6020A	EPA 3005A	2.52	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 18:29	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 18:29	2110355
Nickel	EPA 6020A	EPA 3005A	15.5	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 18:29	2110355
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/15/12 09:00	11/15/12 18:29	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 18:29	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 18:29	2110355

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW15
Lab No: AVK0311-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 11:47
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	5.02	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 18:29	2110355
Zinc	EPA 6020A	EPA 3005A	1.99	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 18:29	2110355
Mercury	EPA 7470A	EPA 7470A	0.063	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 14:40	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 18:29	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 11:23	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 11:23	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 11:23	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 11:23	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 11:23	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 11:23	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 11:23	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 11:23	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 11:23	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 11:23	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 11:23	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 11:23	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 11:23	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 11:23	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 11:23	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/12/12 10:46	11/12/12 11:23	2110270

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW15
Lab No: AVK0311-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 11:47
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 11:23	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 11:23	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 11:23	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 11:23	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 11:23	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 11:23	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 11:23	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 11:23	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 11:23	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 11:23	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 11:23	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 11:23	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 11:23	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 11:23	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 11:23	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 11:23	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 11:23	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 11:23	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 11:23	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 11:23	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/12/12 10:46	11/12/12 11:23	2110270

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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 28, 2012

Client ID: 1304-MW15
Lab No: AVK0311-11
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 11:47
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/12/12 10:46	11/12/12 11:23	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 11:23	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 11:23	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 11:23	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 11:23	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 11:23	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 11:23	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 11:23	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 11:23	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 11:23	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	94 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 11:23	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	87 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 11:23	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	97 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 11:23	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	100 %		80-120				460-00-4	11/12/12 10:46	11/12/12 11:23	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 11:23	2110270

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW16
Lab No: AVK0311-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 14:11
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	587	1	1	umhos/cm		1	COND	11/07/12 14:11	11/07/12 14:11	2110278
Dissolved Oxygen	SM 4500-O G	NA	3520	0.0	1	ug/L		0.0	NA	11/07/12 14:11	11/07/12 14:11	2110490
Field - pH	EPA 9040C	NA	6.57		1	pH Units			PH	11/07/12 14:11	11/07/12 14:11	2110278
Field - Temperature	SM 2550 B	NA	19.8		1	°C			TEMP	11/07/12 14:11	11/07/12 14:11	2110278
Field - Turbidity	EPA 180.1	NA	1.42		1	NTU			TURB	11/07/12 14:11	11/07/12 14:11	2110278
Field - Water Level	NA	NA	18.06		1	feet			WL	11/07/12 14:11	11/07/12 14:11	2110278
Field - Well Depth	NA	NA	21.83		1	feet				11/07/12 14:11	11/07/12 14:11	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 18:35	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 18:35	2110355
Barium	EPA 6020A	EPA 3005A	41.8	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 18:35	2110355
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/15/12 09:00	11/15/12 18:35	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 18:35	2110355
Chromium	EPA 6020A	EPA 3005A	7.21	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 18:35	2110355
Cobalt	EPA 6020A	EPA 3005A	2.26	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 18:35	2110355
Copper	EPA 6020A	EPA 3005A	2.23	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 18:35	2110355
Lead	EPA 6020A	EPA 3005A	0.26	10.0	1	ug/L	J	0.09	7439-92-1	11/15/12 09:00	11/15/12 18:35	2110355
Nickel	EPA 6020A	EPA 3005A	5.07	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 18:35	2110355
Selenium	EPA 6020A	EPA 3005A	1.03	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 18:35	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 18:35	2110355

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW16
Lab No: AVK0311-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 14:11
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.23	7440-28-0	11/15/12 09:00	11/15/12 18:35	2110355
Vanadium	EPA 6020A	EPA 3005A	9.01	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 18:35	2110355
Zinc	EPA 6020A	EPA 3005A	2.62	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 18:35	2110355
Mercury	EPA 7470A	EPA 7470A	0.071	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 14:43	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 18:35	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 11:51	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 11:51	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 11:51	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 11:51	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 11:51	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 11:51	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 11:51	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 11:51	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 11:51	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 11:51	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 11:51	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 11:51	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 11:51	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 11:51	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 11:51	2110270

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ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW16
Lab No: AVK0311-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 14:11
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 11:51	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 11:51	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 11:51	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 11:51	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 11:51	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 11:51	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 11:51	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 11:51	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 11:51	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 11:51	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 11:51	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 11:51	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 11:51	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 11:51	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 11:51	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 11:51	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 11:51	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 11:51	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 11:51	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 11:51	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 11:51	2110270

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW16
Lab No: AVK0311-12
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 14:11
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	79-34-5	11/12/12 10:46	11/12/12 11:51	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 11:51	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 11:51	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 11:51	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 11:51	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 11:51	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 11:51	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 11:51	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 11:51	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 11:51	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 11:51	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	99 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 11:51	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	101 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 11:51	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 11:51	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	100 %		80-120				460-00-4	11/12/12 10:46	11/12/12 11:51	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 11:51	2110270

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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 28, 2012

Client ID: 1304-MW18AR
Lab No: AVK0311-13
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:33
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	396	1	1	umhos/cm		1	COND	11/06/12 16:33	11/06/12 16:33	2110278
Dissolved Oxygen	SM 4500-O G	NA	930	0.0	1	ug/L		0.0	NA	11/06/12 16:33	11/06/12 16:33	2110490
Field - pH	EPA 9040C	NA	6.87		1	pH Units			PH	11/06/12 16:33	11/06/12 16:33	2110278
Field - Temperature	SM 2550 B	NA	17.5		1	°C			TEMP	11/06/12 16:33	11/06/12 16:33	2110278
Field - Turbidity	EPA 180.1	NA	1.57		1	NTU			TURB	11/06/12 16:33	11/06/12 16:33	2110278
Field - Water Level	NA	NA	26.73		1	feet			WL	11/06/12 16:33	11/06/12 16:33	2110278
Field - Well Depth	NA	NA	45.55		1	feet				11/06/12 16:33	11/06/12 16:33	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 18:41	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 18:41	2110355
Barium	EPA 6020A	EPA 3005A	19.6	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 18:41	2110355
Beryllium	EPA 6020A	EPA 3005A	0.12	1.00	1	ug/L	J	0.09	7440-41-7	11/15/12 09:00	11/15/12 18:41	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 18:41	2110355
Chromium	EPA 6020A	EPA 3005A	26.2	10.0	1	ug/L		0.71	7440-47-3	11/15/12 09:00	11/15/12 18:41	2110355
Cobalt	EPA 6020A	EPA 3005A	1.07	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 18:41	2110355
Copper	EPA 6020A	EPA 3005A	4.86	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 18:41	2110355
Lead	EPA 6020A	EPA 3005A	0.79	10.0	1	ug/L	J	0.09	7439-92-1	11/15/12 09:00	11/15/12 18:41	2110355
Nickel	EPA 6020A	EPA 3005A	18.1	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 18:41	2110355
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/15/12 09:00	11/15/12 18:41	2110355
Silver	EPA 6020A	EPA 3005A	0.47	10.0	1	ug/L	J	0.10	7440-22-4	11/15/12 09:00	11/15/12 18:41	2110355

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW18AR
Lab No: AVK0311-13
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:33
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.23	7440-28-0	11/15/12 09:00	11/15/12 18:41	2110355
Vanadium	EPA 6020A	EPA 3005A	5.11	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 18:41	2110355
Zinc	EPA 6020A	EPA 3005A	191	10.0	1	ug/L		0.27	7440-66-6	11/15/12 09:00	11/15/12 18:41	2110355
Mercury	EPA 7470A	EPA 7470A	0.071	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 14:45	2110448
Tin	EPA 6020A	EPA 3005A	1.5	100	1	ug/L	J	0.8	7440-31-5	11/15/12 09:00	11/15/12 18:41	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 12:19	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 12:19	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 12:19	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 12:19	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 12:19	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 12:19	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 12:19	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 12:19	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 12:19	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 12:19	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 12:19	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 12:19	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 12:19	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 12:19	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 12:19	2110270

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW18AR
Lab No: AVK0311-13
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:33
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 12:19	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 12:19	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 12:19	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 12:19	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 12:19	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 12:19	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 12:19	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 12:19	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 12:19	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 12:19	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 12:19	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 12:19	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 12:19	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 12:19	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 12:19	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 12:19	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 12:19	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 12:19	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 12:19	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 12:19	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 12:19	2110270

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW18AR
Lab No: AVK0311-13
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 16:33
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	79-34-5	11/12/12 10:46	11/12/12 12:19	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 12:19	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 12:19	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 12:19	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 12:19	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 12:19	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 12:19	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 12:19	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 12:19	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 12:19	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 12:19	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	91 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 12:19	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	98 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 12:19	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	101 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 12:19	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	95 %		80-120				460-00-4	11/12/12 10:46	11/12/12 12:19	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 12:19	2110270

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW18R
Lab No: AVK0311-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 11:20
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	853	1	1	umhos/cm		1	COND	11/08/12 11:20	11/08/12 11:20	2110278
Dissolved Oxygen	SM 4500-O G	NA	12600	0.0	1	ug/L		0.0	NA	11/08/12 11:20	11/08/12 11:20	2110490
Field - pH	EPA 9040C	NA	5.93		1	pH Units			PH	11/08/12 11:20	11/08/12 11:20	2110278
Field - Temperature	SM 2550 B	NA	17.3		1	°C			TEMP	11/08/12 11:20	11/08/12 11:20	2110278
Field - Turbidity	EPA 180.1	NA	656		1	NTU			TURB	11/08/12 11:20	11/08/12 11:20	2110278
Field - Water Level	NA	NA	23.10		1	feet			WL	11/08/12 11:20	11/08/12 11:20	2110278
Field - Well Depth	NA	NA	26.90		1	feet				11/08/12 11:20	11/08/12 11:20	2110278
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 12:48	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 12:48	2110270
Benzene	EPA 8260B	EPA 5030B	0.7	1.0	1	ug/L	J	0.1	71-43-2	11/12/12 10:46	11/12/12 12:48	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 12:48	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 12:48	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 12:48	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 12:48	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 12:48	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 12:48	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	0.4	3.0	1	ug/L	J	0.3	108-90-7	11/12/12 10:46	11/12/12 12:48	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 12:48	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 12:48	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 12:48	2110270

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW18R
Lab No: AVK0311-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 11:20
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	124-48-1	11/12/12 10:46	11/12/12 12:48	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 12:48	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/12/12 10:46	11/12/12 12:48	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 12:48	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 12:48	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	0.4	1.0	1	ug/L	J	0.3	106-46-7	11/12/12 10:46	11/12/12 12:48	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 12:48	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	0.3	5.0	1	ug/L	J	0.2	75-34-3	11/12/12 10:46	11/12/12 12:48	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 12:48	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 12:48	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	1.0	5.0	1	ug/L	J	0.2	156-59-2	11/12/12 10:46	11/12/12 12:48	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 12:48	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 12:48	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 12:48	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 12:48	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 12:48	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 12:48	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 12:48	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 12:48	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	3.2	100	1	ug/L	J	1.3	78-93-3	11/12/12 10:46	11/12/12 12:48	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 12:48	2110270

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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 28, 2012

Client ID: 1304-MW18R
Lab No: AVK0311-14
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 11:20
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.7	100-42-5	11/12/12 10:46	11/12/12 12:48	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 12:48	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/12/12 10:46	11/12/12 12:48	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	0.4	1.0	1	ug/L	J	0.2	127-18-4	11/12/12 10:46	11/12/12 12:48	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 12:48	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 12:48	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 12:48	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 12:48	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 12:48	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 12:48	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 12:48	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	0.2	1.0	1	ug/L	J	0.2	75-01-4	11/12/12 10:46	11/12/12 12:48	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 12:48	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	98 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 12:48	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	96 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 12:48	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	90 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 12:48	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	84 %		80-120				460-00-4	11/12/12 10:46	11/12/12 12:48	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 12:48	2110270

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW18R
Lab No: AVK0311-15
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/09/12 07:36
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	225		1	NTU			TURB	11/09/12 07:36	11/09/12 07:36	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 18:47	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	2	ug/L		2.40	7440-38-2	11/15/12 09:00	11/19/12 15:48	2110355
Barium	EPA 6020A	EPA 3005A	811	100	1	ug/L		0.49	7440-39-3	11/15/12 09:00	11/15/12 18:47	2110355
Beryllium	EPA 6020A	EPA 3005A	0.78	1.00	1	ug/L	J	0.09	7440-41-7	11/15/12 09:00	11/15/12 18:47	2110355
Cadmium	EPA 6020A	EPA 3005A	0.58	1.00	1	ug/L	J	0.06	7440-43-9	11/15/12 09:00	11/15/12 18:47	2110355
Chromium	EPA 6020A	EPA 3005A	11.3	20.0	2	ug/L	R-01, J	1.42	7440-47-3	11/15/12 09:00	11/19/12 15:48	2110355
Cobalt	EPA 6020A	EPA 3005A	12.2	10.0	2	ug/L		0.34	7440-48-4	11/15/12 09:00	11/19/12 15:48	2110355
Copper	EPA 6020A	EPA 3005A	35.4	20.0	2	ug/L		0.36	7440-50-8	11/15/12 09:00	11/19/12 15:48	2110355
Lead	EPA 6020A	EPA 3005A	3.39	10.0	1	ug/L	J	0.09	7439-92-1	11/15/12 09:00	11/15/12 18:47	2110355
Nickel	EPA 6020A	EPA 3005A	7.42	50.0	2	ug/L	J	0.36	7440-02-0	11/15/12 09:00	11/19/12 15:48	2110355
Selenium	EPA 6020A	EPA 3005A	ND	10.0	2	ug/L		1.08	7782-49-2	11/15/12 09:00	11/19/12 15:48	2110355
Silver	EPA 6020A	EPA 3005A	0.20	10.0	1	ug/L	J	0.10	7440-22-4	11/15/12 09:00	11/15/12 18:47	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 18:47	2110355
Vanadium	EPA 6020A	EPA 3005A	72.9	50.0	2	ug/L	B-01	3.40	7440-62-2	11/15/12 09:00	11/19/12 15:48	2110355
Zinc	EPA 6020A	EPA 3005A	247	20.0	2	ug/L		0.54	7440-66-6	11/15/12 09:00	11/19/12 15:48	2110355
Mercury	EPA 7470A	EPA 7470A	0.815	0.200	1	ug/L	B-01	0.061	7439-97-6	11/19/12 12:30	11/20/12 14:47	2110448
Tin	EPA 6020A	EPA 3005A	1.4	100	1	ug/L	J	0.8	7440-31-5	11/15/12 09:00	11/15/12 18:47	2110355

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW19A
Lab No: AVK0311-16
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 10:44
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	957	1	1	umhos/cm		1	COND	11/08/12 10:44	11/08/12 10:44	2110278
Dissolved Oxygen	SM 4500-O G	NA	280	0.0	1	ug/L		0.0	NA	11/08/12 10:44	11/08/12 10:44	2110490
Field - pH	EPA 9040C	NA	7.03		1	pH Units			PH	11/08/12 10:44	11/08/12 10:44	2110278
Field - Temperature	SM 2550 B	NA	18.6		1	°C			TEMP	11/08/12 10:44	11/08/12 10:44	2110278
Field - Turbidity	EPA 180.1	NA	1.03		1	NTU			TURB	11/08/12 10:44	11/08/12 10:44	2110278
Field - Water Level	NA	NA	30.50		1	feet			WL	11/08/12 10:44	11/08/12 10:44	2110278
Field - Well Depth	NA	NA	73.90		1	feet				11/08/12 10:44	11/08/12 10:44	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 18:52	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 18:52	2110355
Barium	EPA 6020A	EPA 3005A	222	100	1	ug/L		0.49	7440-39-3	11/15/12 09:00	11/15/12 18:52	2110355
Beryllium	EPA 6020A	EPA 3005A	0.16	1.00	1	ug/L	J	0.09	7440-41-7	11/15/12 09:00	11/15/12 18:52	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 18:52	2110355
Chromium	EPA 6020A	EPA 3005A	3.27	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 18:52	2110355
Cobalt	EPA 6020A	EPA 3005A	5.24	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 18:52	2110355
Copper	EPA 6020A	EPA 3005A	1.81	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 18:52	2110355
Lead	EPA 6020A	EPA 3005A	0.11	10.0	1	ug/L	J	0.09	7439-92-1	11/15/12 09:00	11/15/12 18:52	2110355
Nickel	EPA 6020A	EPA 3005A	27.6	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 18:52	2110355
Selenium	EPA 6020A	EPA 3005A	2.55	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 18:52	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 18:52	2110355

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW19A
Lab No: AVK0311-16
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 10:44
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.23	7440-28-0	11/15/12 09:00	11/15/12 18:52	2110355
Vanadium	EPA 6020A	EPA 3005A	4.68	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 18:52	2110355
Zinc	EPA 6020A	EPA 3005A	510	10.0	1	ug/L		0.27	7440-66-6	11/15/12 09:00	11/15/12 18:52	2110355
Mercury	EPA 7470A	EPA 7470A	0.084	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 14:54	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 18:52	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 13:16	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 13:16	2110270
Benzene	EPA 8260B	EPA 5030B	0.5	1.0	1	ug/L	J	0.1	71-43-2	11/12/12 10:46	11/12/12 13:16	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 13:16	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 13:16	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 13:16	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 13:16	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 13:16	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 13:16	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	0.6	3.0	1	ug/L	J	0.3	108-90-7	11/12/12 10:46	11/12/12 13:16	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 13:16	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 13:16	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 13:16	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 13:16	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 13:16	2110270

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW19A
Lab No: AVK0311-16
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 10:44
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 13:16	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 13:16	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 13:16	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	1.5	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 13:16	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 13:16	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 13:16	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 13:16	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 13:16	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 13:16	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 13:16	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 13:16	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 13:16	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 13:16	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 13:16	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 13:16	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 13:16	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 13:16	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 13:16	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 13:16	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 13:16	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 13:16	2110270

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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 28, 2012

Client ID: 1304-MW19A
Lab No: AVK0311-16
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 10:44
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	79-34-5	11/12/12 10:46	11/12/12 13:16	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 13:16	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 13:16	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 13:16	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 13:16	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 13:16	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 13:16	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 13:16	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 13:16	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 13:16	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 13:16	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	96 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 13:16	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	89 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 13:16	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	94 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 13:16	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	108 %		80-120				460-00-4	11/12/12 10:46	11/12/12 13:16	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 13:16	2110270

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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 28, 2012

Client ID: 1304-MW20AR
Lab No: AVK0311-17
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 15:36
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	1190	1	1	umhos/cm		1	COND	11/06/12 15:36	11/06/12 15:36	2110278
Dissolved Oxygen	SM 4500-O G	NA	200	0.0	1	ug/L		0.0	NA	11/06/12 15:36	11/06/12 15:36	2110490
Field - pH	EPA 9040C	NA	6.60		1	pH Units			PH	11/06/12 15:36	11/06/12 15:36	2110278
Field - Temperature	SM 2550 B	NA	14.3		1	°C			TEMP	11/06/12 15:36	11/06/12 15:36	2110278
Field - Turbidity	EPA 180.1	NA	2.02		1	NTU			TURB	11/06/12 15:36	11/06/12 15:36	2110278
Field - Water Level	NA	NA	11.83		1	feet			WL	11/06/12 15:36	11/06/12 15:36	2110278
Field - Well Depth	NA	NA	19.70		1	feet				11/06/12 15:36	11/06/12 15:36	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 19:08	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 19:08	2110355
Barium	EPA 6020A	EPA 3005A	350	100	1	ug/L		0.49	7440-39-3	11/15/12 09:00	11/15/12 19:08	2110355
Beryllium	EPA 6020A	EPA 3005A	0.13	1.00	1	ug/L	J	0.09	7440-41-7	11/15/12 09:00	11/15/12 19:08	2110355
Cadmium	EPA 6020A	EPA 3005A	0.06	1.00	1	ug/L	J	0.06	7440-43-9	11/15/12 09:00	11/15/12 19:08	2110355
Chromium	EPA 6020A	EPA 3005A	2.30	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 19:08	2110355
Cobalt	EPA 6020A	EPA 3005A	2.15	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 19:08	2110355
Copper	EPA 6020A	EPA 3005A	0.97	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 19:08	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 19:08	2110355
Nickel	EPA 6020A	EPA 3005A	32.4	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 19:08	2110355
Selenium	EPA 6020A	EPA 3005A	0.68	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 19:08	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 19:08	2110355

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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 28, 2012

Client ID: 1304-MW20AR
Lab No: AVK0311-17
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 15:36
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.23	7440-28-0	11/15/12 09:00	11/15/12 19:08	2110355
Vanadium	EPA 6020A	EPA 3005A	2.42	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 19:08	2110355
Zinc	EPA 6020A	EPA 3005A	18.6	10.0	1	ug/L		0.27	7440-66-6	11/15/12 09:00	11/15/12 19:08	2110355
Mercury	EPA 7470A	EPA 7470A	0.091	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 14:57	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 19:08	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 13:44	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 13:44	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 13:44	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 13:44	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 13:44	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 13:44	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 13:44	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 13:44	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 13:44	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 13:44	2110270
Chloroethane	EPA 8260B	EPA 5030B	1.3	10	1	ug/L	J	0.7	75-00-3	11/12/12 10:46	11/12/12 13:44	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 13:44	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 13:44	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 13:44	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 13:44	2110270

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW20AR
Lab No: AVK0311-17
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 15:36
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 13:44	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 13:44	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 13:44	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	0.3	1.0	1	ug/L	J	0.3	106-46-7	11/12/12 10:46	11/12/12 13:44	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 13:44	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	1.8	5.0	1	ug/L	J	0.2	75-34-3	11/12/12 10:46	11/12/12 13:44	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 13:44	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 13:44	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	1.0	5.0	1	ug/L	J	0.2	156-59-2	11/12/12 10:46	11/12/12 13:44	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 13:44	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 13:44	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 13:44	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 13:44	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 13:44	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 13:44	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 13:44	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	0.3	1.0	1	ug/L	J	0.2	75-09-2	11/12/12 10:46	11/12/12 13:44	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 13:44	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 13:44	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 13:44	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 13:44	2110270

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW20AR
Lab No: AVK0311-17
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 15:36
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	79-34-5	11/12/12 10:46	11/12/12 13:44	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 13:44	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 13:44	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 13:44	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 13:44	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 13:44	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 13:44	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 13:44	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 13:44	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 13:44	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 13:44	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	96 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 13:44	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	95 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 13:44	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	100 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 13:44	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	99 %		80-120				460-00-4	11/12/12 10:46	11/12/12 13:44	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 13:44	2110270

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW26
Lab No: AVK0311-18
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 14:16
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	386	1	1	umhos/cm		1	COND	11/07/12 14:16	11/07/12 14:16	2110278
Dissolved Oxygen	SM 4500-O G	NA	1890	0.0	1	ug/L		0.0	NA	11/07/12 14:16	11/07/12 14:16	2110490
Field - pH	EPA 9040C	NA	6.47		1	pH Units			PH	11/07/12 14:16	11/07/12 14:16	2110278
Field - Temperature	SM 2550 B	NA	16.0		1	°C			TEMP	11/07/12 14:16	11/07/12 14:16	2110278
Field - Turbidity	EPA 180.1	NA	7.02		1	NTU			TURB	11/07/12 14:16	11/07/12 14:16	2110278
Field - Water Level	NA	NA	17.20		1	feet			WL	11/07/12 14:16	11/07/12 14:16	2110278
Field - Well Depth	NA	NA	21.10		1	feet				11/07/12 14:16	11/07/12 14:16	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 19:14	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 19:14	2110355
Barium	EPA 6020A	EPA 3005A	161	100	1	ug/L		0.49	7440-39-3	11/15/12 09:00	11/15/12 19:14	2110355
Beryllium	EPA 6020A	EPA 3005A	0.21	1.00	1	ug/L	J	0.09	7440-41-7	11/15/12 09:00	11/15/12 19:14	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 19:14	2110355
Chromium	EPA 6020A	EPA 3005A	31.6	10.0	1	ug/L		0.71	7440-47-3	11/15/12 09:00	11/15/12 19:14	2110355
Cobalt	EPA 6020A	EPA 3005A	6.92	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 19:14	2110355
Copper	EPA 6020A	EPA 3005A	15.7	10.0	1	ug/L		0.18	7440-50-8	11/15/12 09:00	11/15/12 19:14	2110355
Lead	EPA 6020A	EPA 3005A	0.51	10.0	1	ug/L	J	0.09	7439-92-1	11/15/12 09:00	11/15/12 19:14	2110355
Nickel	EPA 6020A	EPA 3005A	46.2	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 19:14	2110355
Selenium	EPA 6020A	EPA 3005A	1.18	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 19:14	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 19:14	2110355

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW26
Lab No: AVK0311-18
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 14:16
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.23	7440-28-0	11/15/12 09:00	11/15/12 19:14	2110355
Vanadium	EPA 6020A	EPA 3005A	14.6	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 19:14	2110355
Zinc	EPA 6020A	EPA 3005A	8.49	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 19:14	2110355
Mercury	EPA 7470A	EPA 7470A	0.110	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 14:59	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 19:14	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 14:12	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 14:12	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 14:12	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 14:12	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 14:12	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 14:12	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 14:12	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 14:12	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 14:12	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 14:12	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 14:12	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 14:12	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 14:12	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 14:12	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 14:12	2110270

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW26
Lab No: AVK0311-18
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 14:16
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 14:12	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 14:12	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 14:12	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 14:12	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 14:12	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 14:12	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 14:12	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 14:12	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 14:12	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 14:12	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 14:12	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 14:12	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 14:12	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 14:12	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 14:12	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 14:12	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	0.3	1.0	1	ug/L	J	0.2	75-09-2	11/12/12 10:46	11/12/12 14:12	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 14:12	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 14:12	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 14:12	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 14:12	2110270

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW26
Lab No: AVK0311-18
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 14:16
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	79-34-5	11/12/12 10:46	11/12/12 14:12	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 14:12	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 14:12	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 14:12	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 14:12	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 14:12	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 14:12	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 14:12	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 14:12	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 14:12	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 14:12	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	98 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 14:12	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	101 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 14:12	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 14:12	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	98 %		80-120				460-00-4	11/12/12 10:46	11/12/12 14:12	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 14:12	2110270

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November 28, 2012

Client ID: 1304-MW27
Lab No: AVK0311-19
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 14:57
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	313	1	1	umhos/cm		1	COND	11/07/12 14:57	11/07/12 14:57	2110278
Dissolved Oxygen	SM 4500-O G	NA	6020	0.0	1	ug/L		0.0	NA	11/07/12 14:57	11/07/12 14:57	2110490
Field - pH	EPA 9040C	NA	6.57		1	pH Units			PH	11/07/12 14:57	11/07/12 14:57	2110278
Field - Temperature	SM 2550 B	NA	19.9		1	°C			TEMP	11/07/12 14:57	11/07/12 14:57	2110278
Field - Turbidity	EPA 180.1	NA	15.8		1	NTU			TURB	11/07/12 14:57	11/07/12 14:57	2110278
Field - Water Level	NA	NA	9.50		1	feet			WL	11/07/12 14:57	11/07/12 14:57	2110278
Field - Well Depth	NA	NA	12.50		1	feet				11/07/12 14:57	11/07/12 14:57	2110278
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/13/12 10:00	11/13/12 10:41	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/13/12 10:00	11/13/12 10:41	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/13/12 10:00	11/13/12 10:41	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/13/12 10:00	11/13/12 10:41	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/13/12 10:00	11/13/12 10:41	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/13/12 10:00	11/13/12 10:41	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/13/12 10:00	11/13/12 10:41	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/13/12 10:00	11/13/12 10:41	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/13/12 10:00	11/13/12 10:41	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/13/12 10:00	11/13/12 10:41	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/13/12 10:00	11/13/12 10:41	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/13/12 10:00	11/13/12 10:41	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/13/12 10:00	11/13/12 10:41	2110270

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Matrix: Ground Water

Project: Charlotte Motor Speedway
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Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	124-48-1	11/13/12 10:00	11/13/12 10:41	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/13/12 10:00	11/13/12 10:41	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/13/12 10:00	11/13/12 10:41	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/13/12 10:00	11/13/12 10:41	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/13/12 10:00	11/13/12 10:41	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/13/12 10:00	11/13/12 10:41	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/13/12 10:00	11/13/12 10:41	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/13/12 10:00	11/13/12 10:41	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/13/12 10:00	11/13/12 10:41	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/13/12 10:00	11/13/12 10:41	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/13/12 10:00	11/13/12 10:41	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/13/12 10:00	11/13/12 10:41	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/13/12 10:00	11/13/12 10:41	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/13/12 10:00	11/13/12 10:41	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/13/12 10:00	11/13/12 10:41	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/13/12 10:00	11/13/12 10:41	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/13/12 10:00	11/13/12 10:41	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/13/12 10:00	11/13/12 10:41	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/13/12 10:00	11/13/12 10:41	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/13/12 10:00	11/13/12 10:41	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/13/12 10:00	11/13/12 10:41	2110270

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Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.7	100-42-5	11/13/12 10:00	11/13/12 10:41	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/13/12 10:00	11/13/12 10:41	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/13/12 10:00	11/13/12 10:41	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/13/12 10:00	11/13/12 10:41	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/13/12 10:00	11/13/12 10:41	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/13/12 10:00	11/13/12 10:41	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/13/12 10:00	11/13/12 10:41	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/13/12 10:00	11/13/12 10:41	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/13/12 10:00	11/13/12 10:41	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/13/12 10:00	11/13/12 10:41	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/13/12 10:00	11/13/12 10:41	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/13/12 10:00	11/13/12 10:41	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/13/12 10:00	11/13/12 10:41	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	95 %		75-123				1868-53-7	11/13/12 10:00	11/13/12 10:41	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	101 %		72-120				17060-07-0	11/13/12 10:00	11/13/12 10:41	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	97 %		75-120				2037-26-5	11/13/12 10:00	11/13/12 10:41	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	99 %		80-120				460-00-4	11/13/12 10:00	11/13/12 10:41	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/13/12 10:00	11/13/12 10:41	2110270

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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 28, 2012

Client ID: 1304-MW27
Lab No: AVK0311-20
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 08:10
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	5.10		1	NTU			TURB	11/08/12 08:10	11/08/12 08:10	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 19:20	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 19:20	2110355
Barium	EPA 6020A	EPA 3005A	49.8	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 19:20	2110355
Beryllium	EPA 6020A	EPA 3005A	0.10	1.00	1	ug/L	J	0.09	7440-41-7	11/15/12 09:00	11/15/12 19:20	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 19:20	2110355
Chromium	EPA 6020A	EPA 3005A	14.3	10.0	1	ug/L		0.71	7440-47-3	11/15/12 09:00	11/15/12 19:20	2110355
Cobalt	EPA 6020A	EPA 3005A	1.66	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 19:20	2110355
Copper	EPA 6020A	EPA 3005A	32.0	10.0	1	ug/L		0.18	7440-50-8	11/15/12 09:00	11/15/12 19:20	2110355
Lead	EPA 6020A	EPA 3005A	0.39	10.0	1	ug/L	J	0.09	7439-92-1	11/15/12 09:00	11/15/12 19:20	2110355
Nickel	EPA 6020A	EPA 3005A	16.7	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 19:20	2110355
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/15/12 09:00	11/15/12 19:20	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 19:20	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 19:20	2110355
Vanadium	EPA 6020A	EPA 3005A	10.3	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 19:20	2110355
Zinc	EPA 6020A	EPA 3005A	6.46	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 19:20	2110355
Mercury	EPA 7470A	EPA 7470A	0.071	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 15:01	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 19:20	2110355

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW28
Lab No: AVK0311-21
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 15:10
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	215	1	1	umhos/cm		1	COND	11/07/12 15:10	11/07/12 15:10	2110278
Dissolved Oxygen	SM 4500-O G	NA	1630	0.0	1	ug/L		0.0	NA	11/07/12 15:10	11/07/12 15:10	2110490
Field - pH	EPA 9040C	NA	6.65		1	pH Units			PH	11/07/12 15:10	11/07/12 15:10	2110278
Field - Temperature	SM 2550 B	NA	17.0		1	°C			TEMP	11/07/12 15:10	11/07/12 15:10	2110278
Field - Turbidity	EPA 180.1	NA	1.21		1	NTU			TURB	11/07/12 15:10	11/07/12 15:10	2110278
Field - Water Level	NA	NA	13.42		1	feet			WL	11/07/12 15:10	11/07/12 15:10	2110278
Field - Well Depth	NA	NA	25.25		1	feet				11/07/12 15:10	11/07/12 15:10	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 19:26	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 19:26	2110355
Barium	EPA 6020A	EPA 3005A	38.0	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 19:26	2110355
Beryllium	EPA 6020A	EPA 3005A	0.11	1.00	1	ug/L	J	0.09	7440-41-7	11/15/12 09:00	11/15/12 19:26	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 19:26	2110355
Chromium	EPA 6020A	EPA 3005A	9.08	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 19:26	2110355
Cobalt	EPA 6020A	EPA 3005A	0.38	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 19:26	2110355
Copper	EPA 6020A	EPA 3005A	0.66	10.0	1	ug/L	J	0.18	7440-50-8	11/15/12 09:00	11/15/12 19:26	2110355
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/15/12 09:00	11/15/12 19:26	2110355
Nickel	EPA 6020A	EPA 3005A	10.4	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 19:26	2110355
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/15/12 09:00	11/15/12 19:26	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 19:26	2110355
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/15/12 09:00	11/15/12 19:26	2110355

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW28
Lab No: AVK0311-21
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 15:10
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	6.66	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 19:26	2110355
Zinc	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.27	7440-66-6	11/15/12 09:00	11/15/12 19:26	2110355
Mercury	EPA 7470A	EPA 7470A	0.062	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 15:04	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 19:26	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 15:08	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 15:08	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 15:08	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 15:08	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 15:08	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 15:08	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 15:08	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 15:08	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 15:08	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 15:08	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 15:08	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 15:08	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 15:08	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 15:08	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 15:08	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/12/12 10:46	11/12/12 15:08	2110270

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW28
Lab No: AVK0311-21
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 15:10
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 15:08	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 15:08	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 15:08	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 15:08	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 15:08	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 15:08	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 15:08	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 15:08	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 15:08	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 15:08	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 15:08	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 15:08	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 15:08	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 15:08	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 15:08	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 15:08	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 15:08	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 15:08	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 15:08	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 15:08	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/12/12 10:46	11/12/12 15:08	2110270

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW28
Lab No: AVK0311-21
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 15:10
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/12/12 10:46	11/12/12 15:08	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 15:08	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 15:08	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 15:08	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 15:08	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 15:08	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 15:08	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 15:08	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 15:08	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 15:08	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	84 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 15:08	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	83 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 15:08	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	94 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 15:08	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	11/12/12 10:46	11/12/12 15:08	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 15:08	2110270

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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 28, 2012

Client ID: 1304-MW29R
Lab No: AVK0311-22
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 16:12
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	255	1	1	umhos/cm		1	COND	11/07/12 16:12	11/07/12 16:12	2110278
Dissolved Oxygen	SM 4500-O G	NA	1090	0.0	1	ug/L		0.0	NA	11/07/12 16:12	11/07/12 16:12	2110490
Field - pH	EPA 9040C	NA	6.71		1	pH Units			PH	11/07/12 16:12	11/07/12 16:12	2110278
Field - Temperature	SM 2550 B	NA	16.1		1	°C			TEMP	11/07/12 16:12	11/07/12 16:12	2110278
Field - Turbidity	EPA 180.1	NA	2.03		1	NTU			TURB	11/07/12 16:12	11/07/12 16:12	2110278
Field - Water Level	NA	NA	9.97		1	feet			WL	11/07/12 16:12	11/07/12 16:12	2110278
Field - Well Depth	NA	NA	22.96		1	feet				11/07/12 16:12	11/07/12 16:12	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/15/12 09:00	11/15/12 19:32	2110355
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/15/12 09:00	11/15/12 19:32	2110355
Barium	EPA 6020A	EPA 3005A	35.0	100	1	ug/L	J	0.49	7440-39-3	11/15/12 09:00	11/15/12 19:32	2110355
Beryllium	EPA 6020A	EPA 3005A	0.11	1.00	1	ug/L	J	0.09	7440-41-7	11/15/12 09:00	11/15/12 19:32	2110355
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/15/12 09:00	11/15/12 19:32	2110355
Chromium	EPA 6020A	EPA 3005A	6.46	10.0	1	ug/L	J	0.71	7440-47-3	11/15/12 09:00	11/15/12 19:32	2110355
Cobalt	EPA 6020A	EPA 3005A	2.32	10.0	1	ug/L	J	0.17	7440-48-4	11/15/12 09:00	11/15/12 19:32	2110355
Copper	EPA 6020A	EPA 3005A	14.7	10.0	1	ug/L		0.18	7440-50-8	11/15/12 09:00	11/15/12 19:32	2110355
Lead	EPA 6020A	EPA 3005A	0.19	10.0	1	ug/L	J	0.09	7439-92-1	11/15/12 09:00	11/15/12 19:32	2110355
Nickel	EPA 6020A	EPA 3005A	7.82	50.0	1	ug/L	J	0.18	7440-02-0	11/15/12 09:00	11/15/12 19:32	2110355
Selenium	EPA 6020A	EPA 3005A	0.68	10.0	1	ug/L	J	0.54	7782-49-2	11/15/12 09:00	11/15/12 19:32	2110355
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/15/12 09:00	11/15/12 19:32	2110355

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW29R
Lab No: AVK0311-22
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 16:12
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.23	7440-28-0	11/15/12 09:00	11/15/12 19:32	2110355
Vanadium	EPA 6020A	EPA 3005A	8.29	25.0	1	ug/L	B-01, J	1.70	7440-62-2	11/15/12 09:00	11/15/12 19:32	2110355
Zinc	EPA 6020A	EPA 3005A	3.00	10.0	1	ug/L	J	0.27	7440-66-6	11/15/12 09:00	11/15/12 19:32	2110355
Mercury	EPA 7470A	EPA 7470A	0.088	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 15:06	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/15/12 09:00	11/15/12 19:32	2110355
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 15:37	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 15:37	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 15:37	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 15:37	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 15:37	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 15:37	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 15:37	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 15:37	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 15:37	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 15:37	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 15:37	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 15:37	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 15:37	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 15:37	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 15:37	2110270

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW29R
Lab No: AVK0311-22
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 16:12
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 15:37	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 15:37	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 15:37	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 15:37	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 15:37	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 15:37	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 15:37	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 15:37	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 15:37	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 15:37	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 15:37	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 15:37	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 15:37	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 15:37	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 15:37	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 15:37	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 15:37	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 15:37	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 15:37	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 15:37	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 15:37	2110270

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW29R
Lab No: AVK0311-22
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 16:12
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	79-34-5	11/12/12 10:46	11/12/12 15:37	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 15:37	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 15:37	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 15:37	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 15:37	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 15:37	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 15:37	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 15:37	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 15:37	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 15:37	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 15:37	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	107 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 15:37	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	109 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 15:37	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	77 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 15:37	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	91 %		80-120				460-00-4	11/12/12 10:46	11/12/12 15:37	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 15:37	2110270

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW30R
Lab No: AVK0311-23
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 15:56
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	182	1	1	umhos/cm		1	COND	11/07/12 15:56	11/07/12 15:56	2110278
Dissolved Oxygen	SM 4500-O G	NA	6300	0.0	1	ug/L		0.0	NA	11/07/12 15:56	11/07/12 15:56	2110490
Field - pH	EPA 9040C	NA	6.15		1	pH Units			PH	11/07/12 15:56	11/07/12 15:56	2110278
Field - Temperature	SM 2550 B	NA	16.5		1	°C			TEMP	11/07/12 15:56	11/07/12 15:56	2110278
Field - Turbidity	EPA 180.1	NA	4.03		1	NTU			TURB	11/07/12 15:56	11/07/12 15:56	2110278
Field - Water Level	NA	NA	29.47		1	feet			WL	11/07/12 15:56	11/07/12 15:56	2110278
Field - Well Depth	NA	NA	33.00		1	feet				11/07/12 15:56	11/07/12 15:56	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.75	6.00	1	ug/L	J	0.19	7440-36-0	11/16/12 09:25	11/16/12 17:09	2110394
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/16/12 09:25	11/16/12 17:09	2110394
Barium	EPA 6020A	EPA 3005A	81.9	100	1	ug/L	J	0.49	7440-39-3	11/16/12 09:25	11/16/12 17:09	2110394
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/16/12 09:25	11/16/12 17:09	2110394
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/16/12 09:25	11/16/12 17:09	2110394
Chromium	EPA 6020A	EPA 3005A	4.45	10.0	1	ug/L	J	0.71	7440-47-3	11/16/12 09:25	11/16/12 17:09	2110394
Cobalt	EPA 6020A	EPA 3005A	1.28	10.0	1	ug/L	J	0.17	7440-48-4	11/16/12 09:25	11/16/12 17:09	2110394
Copper	EPA 6020A	EPA 3005A	9.88	10.0	1	ug/L	J	0.18	7440-50-8	11/16/12 09:25	11/16/12 17:09	2110394
Lead	EPA 6020A	EPA 3005A	0.18	10.0	1	ug/L	J	0.09	7439-92-1	11/16/12 09:25	11/16/12 17:09	2110394
Nickel	EPA 6020A	EPA 3005A	5.21	50.0	1	ug/L	J	0.18	7440-02-0	11/16/12 09:25	11/16/12 17:09	2110394
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/16/12 09:25	11/16/12 17:09	2110394
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/16/12 09:25	11/16/12 17:09	2110394

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW30R
Lab No: AVK0311-23
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 15:56
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.23	7440-28-0	11/16/12 09:25	11/16/12 17:09	2110394
Vanadium	EPA 6020A	EPA 3005A	2.44	25.0	1	ug/L	J	1.70	7440-62-2	11/16/12 09:25	11/16/12 17:09	2110394
Zinc	EPA 6020A	EPA 3005A	18.1	10.0	1	ug/L		0.27	7440-66-6	11/16/12 09:25	11/16/12 17:09	2110394
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/19/12 12:30	11/20/12 15:08	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/16/12 09:25	11/16/12 17:09	2110394
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 16:05	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 16:05	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 16:05	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 16:05	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 16:05	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 16:05	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 16:05	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 16:05	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 16:05	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 16:05	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 16:05	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 16:05	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 16:05	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 16:05	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 16:05	2110270

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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 28, 2012

Client ID: 1304-MW30R
Lab No: AVK0311-23
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 15:56
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 16:05	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 16:05	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 16:05	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 16:05	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 16:05	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 16:05	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 16:05	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 16:05	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 16:05	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 16:05	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 16:05	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 16:05	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 16:05	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 16:05	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 16:05	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 16:05	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 16:05	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 16:05	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 16:05	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 16:05	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 16:05	2110270

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW30R
Lab No: AVK0311-23
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 15:56
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	79-34-5	11/12/12 10:46	11/12/12 16:05	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 16:05	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 16:05	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 16:05	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 16:05	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 16:05	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 16:05	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 16:05	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 16:05	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 16:05	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 16:05	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	113 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 16:05	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	114 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 16:05	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	79 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 16:05	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	104 %		80-120				460-00-4	11/12/12 10:46	11/12/12 16:05	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 16:05	2110270

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW31
Lab No: AVK0311-24
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 08:54
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/08/12 08:54	11/08/12 08:54	2110278
Dissolved Oxygen	SM 4500-O G	NA	6800	0.0	1	ug/L		0.0	NA	11/08/12 08:54	11/08/12 08:54	2110490
Field - pH	EPA 9040C	NA	6.42		1	pH Units			PH	11/08/12 08:54	11/08/12 08:54	2110278
Field - Temperature	SM 2550 B	NA	17.2		1	°C			TEMP	11/08/12 08:54	11/08/12 08:54	2110278
Field - Turbidity	EPA 180.1	NA	8.23		1	NTU			TURB	11/08/12 08:54	11/08/12 08:54	2110278
Field - Water Level	NA	NA	24.16		1	feet			WL	11/08/12 08:54	11/08/12 08:54	2110278
Field - Well Depth	NA	NA	30.00		1	feet				11/08/12 08:54	11/08/12 08:54	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.25	6.00	1	ug/L	J	0.19	7440-36-0	11/16/12 09:25	11/16/12 17:15	2110394
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/16/12 09:25	11/16/12 17:15	2110394
Barium	EPA 6020A	EPA 3005A	39.0	100	1	ug/L	J	0.49	7440-39-3	11/16/12 09:25	11/16/12 17:15	2110394
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/16/12 09:25	11/16/12 17:15	2110394
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/16/12 09:25	11/16/12 17:15	2110394
Chromium	EPA 6020A	EPA 3005A	4.40	10.0	1	ug/L	J	0.71	7440-47-3	11/16/12 09:25	11/16/12 17:15	2110394
Cobalt	EPA 6020A	EPA 3005A	0.52	10.0	1	ug/L	J	0.17	7440-48-4	11/16/12 09:25	11/16/12 17:15	2110394
Copper	EPA 6020A	EPA 3005A	3.05	10.0	1	ug/L	J	0.18	7440-50-8	11/16/12 09:25	11/16/12 17:15	2110394
Lead	EPA 6020A	EPA 3005A	0.12	10.0	1	ug/L	J	0.09	7439-92-1	11/16/12 09:25	11/16/12 17:15	2110394
Nickel	EPA 6020A	EPA 3005A	3.27	50.0	1	ug/L	J	0.18	7440-02-0	11/16/12 09:25	11/16/12 17:15	2110394
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/16/12 09:25	11/16/12 17:15	2110394
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/16/12 09:25	11/16/12 17:15	2110394

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW31
Lab No: AVK0311-24
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 08:54
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.23	7440-28-0	11/16/12 09:25	11/16/12 17:15	2110394
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.70	7440-62-2	11/16/12 09:25	11/16/12 17:15	2110394
Zinc	EPA 6020A	EPA 3005A	5.73	10.0	1	ug/L	J	0.27	7440-66-6	11/16/12 09:25	11/16/12 17:15	2110394
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/19/12 12:30	11/20/12 15:11	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/16/12 09:25	11/16/12 17:15	2110394
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 16:33	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 16:33	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 16:33	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 16:33	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 16:33	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 16:33	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 16:33	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 16:33	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 16:33	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 16:33	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 16:33	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 16:33	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 16:33	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 16:33	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 16:33	2110270

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW31
Lab No: AVK0311-24
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 08:54
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 16:33	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 16:33	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 16:33	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 16:33	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 16:33	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 16:33	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 16:33	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 16:33	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 16:33	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 16:33	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 16:33	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 16:33	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 16:33	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 16:33	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 16:33	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 16:33	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 16:33	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 16:33	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 16:33	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 16:33	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 16:33	2110270

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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 28, 2012

Client ID: 1304-MW31
Lab No: AVK0311-24
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 08:54
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	79-34-5	11/12/12 10:46	11/12/12 16:33	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 16:33	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 16:33	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 16:33	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 16:33	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 16:33	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 16:33	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 16:33	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 16:33	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 16:33	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 16:33	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	99 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 16:33	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	93 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 16:33	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	102 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 16:33	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	100 %		80-120				460-00-4	11/12/12 10:46	11/12/12 16:33	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 16:33	2110270

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW32R
Lab No: AVK0311-25
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 10:17
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	209	1	1	umhos/cm		1	COND	11/08/12 10:17	11/08/12 10:17	2110278
Dissolved Oxygen	SM 4500-O G	NA	2260	0.0	1	ug/L		0.0	NA	11/08/12 10:17	11/08/12 10:17	2110490
Field - pH	EPA 9040C	NA	6.36		1	pH Units			PH	11/08/12 10:17	11/08/12 10:17	2110278
Field - Temperature	SM 2550 B	NA	20.4		1	°C			TEMP	11/08/12 10:17	11/08/12 10:17	2110278
Field - Turbidity	EPA 180.1	NA	5.59		1	NTU			TURB	11/08/12 10:17	11/08/12 10:17	2110278
Field - Water Level	NA	NA	22.20		1	feet			WL	11/08/12 10:17	11/08/12 10:17	2110278
Field - Well Depth	NA	NA	28.50		1	feet				11/08/12 10:17	11/08/12 10:17	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/16/12 09:25	11/16/12 17:21	2110394
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/16/12 09:25	11/16/12 17:21	2110394
Barium	EPA 6020A	EPA 3005A	28.7	100	1	ug/L	J	0.49	7440-39-3	11/16/12 09:25	11/16/12 17:21	2110394
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/16/12 09:25	11/16/12 17:21	2110394
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/16/12 09:25	11/16/12 17:21	2110394
Chromium	EPA 6020A	EPA 3005A	6.20	10.0	1	ug/L	J	0.71	7440-47-3	11/16/12 09:25	11/16/12 17:21	2110394
Cobalt	EPA 6020A	EPA 3005A	0.82	10.0	1	ug/L	J	0.17	7440-48-4	11/16/12 09:25	11/16/12 17:21	2110394
Copper	EPA 6020A	EPA 3005A	8.05	10.0	1	ug/L	J	0.18	7440-50-8	11/16/12 09:25	11/16/12 17:21	2110394
Lead	EPA 6020A	EPA 3005A	12.4	10.0	1	ug/L		0.09	7439-92-1	11/16/12 09:25	11/16/12 17:21	2110394
Nickel	EPA 6020A	EPA 3005A	10.2	50.0	1	ug/L	J	0.18	7440-02-0	11/16/12 09:25	11/16/12 17:21	2110394
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/16/12 09:25	11/16/12 17:21	2110394
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/16/12 09:25	11/16/12 17:21	2110394
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/16/12 09:25	11/16/12 17:21	2110394

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW32R
Lab No: AVK0311-25
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 10:17
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	1.74	25.0	1	ug/L	J	1.70	7440-62-2	11/16/12 09:25	11/16/12 17:21	2110394
Zinc	EPA 6020A	EPA 3005A	1.58	10.0	1	ug/L	J	0.27	7440-66-6	11/16/12 09:25	11/16/12 17:21	2110394
Mercury	EPA 7470A	EPA 7470A	0.069	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 15:13	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/16/12 09:25	11/16/12 17:21	2110394
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 17:01	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 17:01	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 17:01	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 17:01	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 17:01	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 17:01	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 17:01	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 17:01	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 17:01	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 17:01	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 17:01	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 17:01	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 17:01	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 17:01	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 17:01	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/12/12 10:46	11/12/12 17:01	2110270

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Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW32R
Lab No: AVK0311-25
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 10:17
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 17:01	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 17:01	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 17:01	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 17:01	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 17:01	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 17:01	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 17:01	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 17:01	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 17:01	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 17:01	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 17:01	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 17:01	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 17:01	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 17:01	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 17:01	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 17:01	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 17:01	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 17:01	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 17:01	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 17:01	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/12/12 10:46	11/12/12 17:01	2110270

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW32R
Lab No: AVK0311-25
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 10:17
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	127-18-4	11/12/12 10:46	11/12/12 17:01	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 17:01	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 17:01	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 17:01	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 17:01	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 17:01	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 17:01	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 17:01	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 17:01	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 17:01	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 17:01	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	111 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 17:01	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	97 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 17:01	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	97 %		80-120				460-00-4	11/12/12 10:46	11/12/12 17:01	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 17:01	2110270

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW33
Lab No: AVK0311-26
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 11:08
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	119	1	1	umhos/cm		1	COND	11/08/12 11:08	11/08/12 11:08	2110278
Dissolved Oxygen	SM 4500-O G	NA	14000	0.0	1	ug/L		0.0	NA	11/08/12 11:08	11/08/12 11:08	2110490
Field - pH	EPA 9040C	NA	5.59		1	pH Units			PH	11/08/12 11:08	11/08/12 11:08	2110278
Field - Temperature	SM 2550 B	NA	15.7		1	°C			TEMP	11/08/12 11:08	11/08/12 11:08	2110278
Field - Turbidity	EPA 180.1	NA	372		1	NTU			TURB	11/08/12 11:08	11/08/12 11:08	2110278
Field - Water Level	NA	NA	29.30		1	feet			WL	11/08/12 11:08	11/08/12 11:08	2110278
Field - Well Depth	NA	NA	30.50		1	feet				11/08/12 11:08	11/08/12 11:08	2110278
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 17:30	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 17:30	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 17:30	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 17:30	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 17:30	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 17:30	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 17:30	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 17:30	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 17:30	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 17:30	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 17:30	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 17:30	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 17:30	2110270

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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 28, 2012

Client ID: 1304-MW33
Lab No: AVK0311-26
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 11:08
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	124-48-1	11/12/12 10:46	11/12/12 17:30	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 17:30	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/12/12 10:46	11/12/12 17:30	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 17:30	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 17:30	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 17:30	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 17:30	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 17:30	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 17:30	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 17:30	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 17:30	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 17:30	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 17:30	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 17:30	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 17:30	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 17:30	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 17:30	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 17:30	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 17:30	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 17:30	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 17:30	2110270

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW33
Lab No: AVK0311-26
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 11:08
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.7	100-42-5	11/12/12 10:46	11/12/12 17:30	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 17:30	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/12/12 10:46	11/12/12 17:30	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 17:30	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 17:30	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 17:30	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 17:30	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 17:30	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	0.6	1.0	1	ug/L	J	0.2	75-69-4	11/12/12 10:46	11/12/12 17:30	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 17:30	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 17:30	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 17:30	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 17:30	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	95 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 17:30	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	89 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 17:30	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	87 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 17:30	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	98 %		80-120				460-00-4	11/12/12 10:46	11/12/12 17:30	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	0.6	5.0	1	ug/L	J	0.6	75-71-8	11/12/12 10:46	11/12/12 17:30	2110270

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-MW33
Lab No: AVK0311-27
Matrix: Ground Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/09/12 07:50
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	2.43		1	NTU			TURB	11/09/12 07:50	11/09/12 07:50	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/16/12 09:25	11/16/12 17:27	2110394
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/16/12 09:25	11/16/12 17:27	2110394
Barium	EPA 6020A	EPA 3005A	50.2	100	1	ug/L	J	0.49	7440-39-3	11/16/12 09:25	11/16/12 17:27	2110394
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/16/12 09:25	11/16/12 17:27	2110394
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/16/12 09:25	11/16/12 17:27	2110394
Chromium	EPA 6020A	EPA 3005A	11.2	10.0	1	ug/L		0.71	7440-47-3	11/16/12 09:25	11/16/12 17:27	2110394
Cobalt	EPA 6020A	EPA 3005A	2.31	10.0	1	ug/L	J	0.17	7440-48-4	11/16/12 09:25	11/16/12 17:27	2110394
Copper	EPA 6020A	EPA 3005A	10.1	10.0	1	ug/L		0.18	7440-50-8	11/16/12 09:25	11/16/12 17:27	2110394
Lead	EPA 6020A	EPA 3005A	2.63	10.0	1	ug/L	J	0.09	7439-92-1	11/16/12 09:25	11/16/12 17:27	2110394
Nickel	EPA 6020A	EPA 3005A	10.6	50.0	1	ug/L	J	0.18	7440-02-0	11/16/12 09:25	11/16/12 17:27	2110394
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/16/12 09:25	11/16/12 17:27	2110394
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/16/12 09:25	11/16/12 17:27	2110394
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/16/12 09:25	11/16/12 17:27	2110394
Vanadium	EPA 6020A	EPA 3005A	2.05	25.0	1	ug/L	J	1.70	7440-62-2	11/16/12 09:25	11/16/12 17:27	2110394
Zinc	EPA 6020A	EPA 3005A	13.6	10.0	1	ug/L		0.27	7440-66-6	11/16/12 09:25	11/16/12 17:27	2110394
Mercury	EPA 7470A	EPA 7470A	0.097	0.200	1	ug/L	B-01, J	0.061	7439-97-6	11/19/12 12:30	11/20/12 15:15	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/16/12 09:25	11/16/12 17:27	2110394

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-Trip Blank 2
Lab No: AVK0311-28
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 00:00
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		6.1	67-64-1	11/12/12 10:46	11/12/12 17:58	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 17:58	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 17:58	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 17:58	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 17:58	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 17:58	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 17:58	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 17:58	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 17:58	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 17:58	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 17:58	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 17:58	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 17:58	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 17:58	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 17:58	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/12/12 10:46	11/12/12 17:58	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 17:58	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 17:58	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 17:58	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 17:58	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 17:58	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 17:58	2110270

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-Trip Blank 2
Lab No: AVK0311-28
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 00:00
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	75-35-4	11/12/12 10:46	11/12/12 17:58	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 17:58	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 17:58	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 17:58	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 17:58	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 17:58	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 17:58	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 17:58	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 17:58	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 17:58	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 17:58	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 17:58	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 17:58	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 17:58	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/12/12 10:46	11/12/12 17:58	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 17:58	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 17:58	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 17:58	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 17:58	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 17:58	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 17:58	2110270

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-Trip Blank 2
Lab No: AVK0311-28
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 00:00
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.9	96-18-4	11/12/12 10:46	11/12/12 17:58	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 17:58	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 17:58	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 17:58	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	100 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 17:58	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	91 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 17:58	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	85 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 17:58	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	92 %		80-120				460-00-4	11/12/12 10:46	11/12/12 17:58	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 17:58	2110270

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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 28, 2012

Client ID: 1304-Trip Blank 3
Lab No: AVK0311-29
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 00:00
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		6.1	67-64-1	11/12/12 10:46	11/12/12 18:26	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 18:26	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 18:26	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 18:26	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 18:26	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 18:26	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 18:26	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 18:26	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 18:26	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 18:26	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 18:26	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 18:26	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 18:26	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 18:26	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 18:26	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/12/12 10:46	11/12/12 18:26	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 18:26	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 18:26	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 18:26	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 18:26	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 18:26	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 18:26	2110270

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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 28, 2012

Client ID: 1304-Trip Blank 3
Lab No: AVK0311-29
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 00:00
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	75-35-4	11/12/12 10:46	11/12/12 18:26	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 18:26	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 18:26	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 18:26	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 18:26	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 18:26	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 18:26	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 18:26	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 18:26	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 18:26	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 18:26	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 18:26	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 18:26	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 18:26	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/12/12 10:46	11/12/12 18:26	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 18:26	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 18:26	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 18:26	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 18:26	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 18:26	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 18:26	2110270

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-Trip Blank 3
Lab No: AVK0311-29
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/06/12 00:00
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.9	96-18-4	11/12/12 10:46	11/12/12 18:26	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 18:26	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 18:26	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 18:26	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	107 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 18:26	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	107 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 18:26	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	75 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 18:26	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	99 %		80-120				460-00-4	11/12/12 10:46	11/12/12 18:26	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 18:26	2110270

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-Field Blank
Lab No: AVK0311-30
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 16:00
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.19	7440-36-0	11/16/12 09:25	11/16/12 17:33	2110394
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/16/12 09:25	11/16/12 17:33	2110394
Barium	EPA 6020A	EPA 3005A	0.91	100	1	ug/L	J	0.49	7440-39-3	11/16/12 09:25	11/16/12 17:33	2110394
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/16/12 09:25	11/16/12 17:33	2110394
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/16/12 09:25	11/16/12 17:33	2110394
Chromium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.71	7440-47-3	11/16/12 09:25	11/16/12 17:33	2110394
Cobalt	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.17	7440-48-4	11/16/12 09:25	11/16/12 17:33	2110394
Copper	EPA 6020A	EPA 3005A	0.36	10.0	1	ug/L	J	0.18	7440-50-8	11/16/12 09:25	11/16/12 17:33	2110394
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/16/12 09:25	11/16/12 17:33	2110394
Nickel	EPA 6020A	EPA 3005A	ND	50.0	1	ug/L		0.18	7440-02-0	11/16/12 09:25	11/16/12 17:33	2110394
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/16/12 09:25	11/16/12 17:33	2110394
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/16/12 09:25	11/16/12 17:33	2110394
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/16/12 09:25	11/16/12 17:33	2110394
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.70	7440-62-2	11/16/12 09:25	11/16/12 17:33	2110394
Zinc	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.27	7440-66-6	11/16/12 09:25	11/16/12 17:33	2110394
Mercury	EPA 7470A	EPA 7470A	ND	0.200	1	ug/L		0.061	7439-97-6	11/19/12 12:30	11/20/12 15:22	2110448
Tin	EPA 6020A	EPA 3005A	ND	100	1	ug/L		0.8	7440-31-5	11/16/12 09:25	11/16/12 17:33	2110394
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	ND	100	1	ug/L		6.1	67-64-1	11/12/12 10:46	11/12/12 18:54	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 18:54	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 18:54	2110270

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-Field Blank
Lab No: AVK0311-30
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 16:00
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	11/12/12 10:46	11/12/12 18:54	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 18:54	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 18:54	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 18:54	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 18:54	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 18:54	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 18:54	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 18:54	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 18:54	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 18:54	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 18:54	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 18:54	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/12/12 10:46	11/12/12 18:54	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 18:54	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 18:54	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 18:54	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 18:54	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 18:54	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 18:54	2110270
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	11/12/12 10:46	11/12/12 18:54	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 18:54	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 18:54	2110270

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-Field Blank
Lab No: AVK0311-30
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 16:00
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	78-87-5	11/12/12 10:46	11/12/12 18:54	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 18:54	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 18:54	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 18:54	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 18:54	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 18:54	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 18:54	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 18:54	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 18:54	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 18:54	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 18:54	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/12/12 10:46	11/12/12 18:54	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 18:54	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 18:54	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 18:54	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 18:54	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 18:54	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 18:54	2110270
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	11/12/12 10:46	11/12/12 18:54	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 18:54	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 18:54	2110270

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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 28, 2012

Client ID: 1304-Field Blank
Lab No: AVK0311-30
Matrix: Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/07/12 16:00
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.8	1330-20-7	11/12/12 10:46	11/12/12 18:54	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	99 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 18:54	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	101 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 18:54	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	97 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 18:54	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	100 %		80-120				460-00-4	11/12/12 10:46	11/12/12 18:54	2110270
Dichlorodifluoromethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.6	75-71-8	11/12/12 10:46	11/12/12 18:54	2110270

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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 28, 2012

Client ID: 1304-SW1
Lab No: AVK0311-31
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 11:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	363	1	1	umhos/cm		1	COND	11/08/12 11:53	11/08/12 11:53	2110278
Dissolved Oxygen	SM 4500-O G	NA	ND	1000	1	ug/L		1000	NA	11/08/12 11:53	11/08/12 11:53	2110278
Field - pH	EPA 9040C	NA	6.11		1	pH Units			PH	11/08/12 11:53	11/08/12 11:53	2110278
Field - Temperature	SM 2550 B	NA	10.3		1	°C			TEMP	11/08/12 11:53	11/08/12 11:53	2110278
Field - Turbidity	EPA 180.1	NA	4.13		1	NTU			TURB	11/08/12 11:53	11/08/12 11:53	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	0.32	6.00	1	ug/L	J	0.19	7440-36-0	11/16/12 09:25	11/16/12 17:49	2110394
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/16/12 09:25	11/16/12 17:49	2110394
Barium	EPA 6020A	EPA 3005A	32.2	100	1	ug/L	J	0.49	7440-39-3	11/16/12 09:25	11/16/12 17:49	2110394
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/16/12 09:25	11/16/12 17:49	2110394
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/16/12 09:25	11/16/12 17:49	2110394
Chromium	EPA 6020A	EPA 3005A	1.21	10.0	1	ug/L	J	0.71	7440-47-3	11/16/12 09:25	11/16/12 17:49	2110394
Cobalt	EPA 6020A	EPA 3005A	0.72	10.0	1	ug/L	J	0.17	7440-48-4	11/16/12 09:25	11/16/12 17:49	2110394
Copper	EPA 6020A	EPA 3005A	1.75	10.0	1	ug/L	J	0.18	7440-50-8	11/16/12 09:25	11/16/12 17:49	2110394
Lead	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.09	7439-92-1	11/16/12 09:25	11/16/12 17:49	2110394
Nickel	EPA 6020A	EPA 3005A	1.47	50.0	1	ug/L	J	0.18	7440-02-0	11/16/12 09:25	11/16/12 17:49	2110394
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/16/12 09:25	11/16/12 17:49	2110394
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/16/12 09:25	11/16/12 17:49	2110394
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/16/12 09:25	11/16/12 17:49	2110394
Vanadium	EPA 6020A	EPA 3005A	ND	25.0	1	ug/L		1.70	7440-62-2	11/16/12 09:25	11/16/12 17:49	2110394
Zinc	EPA 6020A	EPA 3005A	6.05	10.0	1	ug/L	J	0.27	7440-66-6	11/16/12 09:25	11/16/12 17:49	2110394

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ANALYTICAL SERVICES, INC.

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-SW1
Lab No: AVK0311-31
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 11:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		6.1	67-64-1	11/12/12 10:46	11/12/12 19:22	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 19:22	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 19:22	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 19:22	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 19:22	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 19:22	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 19:22	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 19:22	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 19:22	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 19:22	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 19:22	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 19:22	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 19:22	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 19:22	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 19:22	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/12/12 10:46	11/12/12 19:22	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 19:22	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 19:22	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 19:22	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 19:22	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 19:22	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 19:22	2110270

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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 28, 2012

Client ID: 1304-SW1
Lab No: AVK0311-31
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 11:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	75-35-4	11/12/12 10:46	11/12/12 19:22	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 19:22	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 19:22	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 19:22	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 19:22	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 19:22	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 19:22	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 19:22	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 19:22	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 19:22	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 19:22	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 19:22	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 19:22	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 19:22	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/12/12 10:46	11/12/12 19:22	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 19:22	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 19:22	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 19:22	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 19:22	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 19:22	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 19:22	2110270

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

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-SW1
Lab No: AVK0311-31
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 11:53
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.9	96-18-4	11/12/12 10:46	11/12/12 19:22	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 19:22	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 19:22	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 19:22	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	101 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 19:22	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	103 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 19:22	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	96 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 19:22	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	102 %		80-120				460-00-4	11/12/12 10:46	11/12/12 19:22	2110270

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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 28, 2012

Client ID: 1304-SW2
Lab No: AVK0311-32
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 12:25
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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	584	1	1	umhos/cm		1	COND	11/08/12 12:25	11/08/12 12:25	2110278
Dissolved Oxygen	SM 4500-O G	NA	ND	1000	1	ug/L		1000	NA	11/08/12 12:25	11/08/12 12:25	2110278
Field - pH	EPA 9040C	NA	6.43		1	pH Units			PH	11/08/12 12:25	11/08/12 12:25	2110278
Field - Temperature	SM 2550 B	NA	10.7		1	°C			TEMP	11/08/12 12:25	11/08/12 12:25	2110278
Field - Turbidity	EPA 180.1	NA	3.03		1	NTU			TURB	11/08/12 12:25	11/08/12 12:25	2110278
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	ND	6.00	1	ug/L		0.19	7440-36-0	11/16/12 09:25	11/16/12 17:54	2110394
Arsenic	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		1.20	7440-38-2	11/16/12 09:25	11/16/12 17:54	2110394
Barium	EPA 6020A	EPA 3005A	63.0	100	1	ug/L	J	0.49	7440-39-3	11/16/12 09:25	11/16/12 17:54	2110394
Beryllium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.09	7440-41-7	11/16/12 09:25	11/16/12 17:54	2110394
Cadmium	EPA 6020A	EPA 3005A	ND	1.00	1	ug/L		0.06	7440-43-9	11/16/12 09:25	11/16/12 17:54	2110394
Chromium	EPA 6020A	EPA 3005A	1.01	10.0	1	ug/L	J	0.71	7440-47-3	11/16/12 09:25	11/16/12 17:54	2110394
Cobalt	EPA 6020A	EPA 3005A	1.91	10.0	1	ug/L	J	0.17	7440-48-4	11/16/12 09:25	11/16/12 17:54	2110394
Copper	EPA 6020A	EPA 3005A	2.66	10.0	1	ug/L	J	0.18	7440-50-8	11/16/12 09:25	11/16/12 17:54	2110394
Lead	EPA 6020A	EPA 3005A	0.21	10.0	1	ug/L	J	0.09	7439-92-1	11/16/12 09:25	11/16/12 17:54	2110394
Nickel	EPA 6020A	EPA 3005A	3.97	50.0	1	ug/L	J	0.18	7440-02-0	11/16/12 09:25	11/16/12 17:54	2110394
Selenium	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.54	7782-49-2	11/16/12 09:25	11/16/12 17:54	2110394
Silver	EPA 6020A	EPA 3005A	ND	10.0	1	ug/L		0.10	7440-22-4	11/16/12 09:25	11/16/12 17:54	2110394
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	11/16/12 09:25	11/16/12 17:54	2110394
Vanadium	EPA 6020A	EPA 3005A	3.37	25.0	1	ug/L	J	1.70	7440-62-2	11/16/12 09:25	11/16/12 17:54	2110394
Zinc	EPA 6020A	EPA 3005A	8.29	10.0	1	ug/L	J	0.27	7440-66-6	11/16/12 09:25	11/16/12 17:54	2110394

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110 Technology Parkway, Norcross, GA 30092

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

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-SW2
Lab No: AVK0311-32
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 12:25
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		6.1	67-64-1	11/12/12 10:46	11/12/12 19:50	2110270
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	11/12/12 10:46	11/12/12 19:50	2110270
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	11/12/12 10:46	11/12/12 19:50	2110270
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	11/12/12 10:46	11/12/12 19:50	2110270
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	11/12/12 10:46	11/12/12 19:50	2110270
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	11/12/12 10:46	11/12/12 19:50	2110270
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	11/12/12 10:46	11/12/12 19:50	2110270
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	11/12/12 10:46	11/12/12 19:50	2110270
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	11/12/12 10:46	11/12/12 19:50	2110270
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	11/12/12 10:46	11/12/12 19:50	2110270
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	11/12/12 10:46	11/12/12 19:50	2110270
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	11/12/12 10:46	11/12/12 19:50	2110270
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	11/12/12 10:46	11/12/12 19:50	2110270
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	124-48-1	11/12/12 10:46	11/12/12 19:50	2110270
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	11/12/12 10:46	11/12/12 19:50	2110270
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	11/12/12 10:46	11/12/12 19:50	2110270
Dibromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.4	74-95-3	11/12/12 10:46	11/12/12 19:50	2110270
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	11/12/12 10:46	11/12/12 19:50	2110270
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	11/12/12 10:46	11/12/12 19:50	2110270
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	11/12/12 10:46	11/12/12 19:50	2110270
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	11/12/12 10:46	11/12/12 19:50	2110270
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	11/12/12 10:46	11/12/12 19:50	2110270

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-SW2
Lab No: AVK0311-32
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 12:25
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.2	75-35-4	11/12/12 10:46	11/12/12 19:50	2110270
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	11/12/12 10:46	11/12/12 19:50	2110270
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	11/12/12 10:46	11/12/12 19:50	2110270
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	11/12/12 10:46	11/12/12 19:50	2110270
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	11/12/12 10:46	11/12/12 19:50	2110270
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	11/12/12 10:46	11/12/12 19:50	2110270
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	11/12/12 10:46	11/12/12 19:50	2110270
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	11/12/12 10:46	11/12/12 19:50	2110270
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	591-78-6	11/12/12 10:46	11/12/12 19:50	2110270
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	11/12/12 10:46	11/12/12 19:50	2110270
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.3	78-93-3	11/12/12 10:46	11/12/12 19:50	2110270
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	ND	50	1	ug/L		1.3	108-10-1	11/12/12 10:46	11/12/12 19:50	2110270
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	11/12/12 10:46	11/12/12 19:50	2110270
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	11/12/12 10:46	11/12/12 19:50	2110270
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-34-5	11/12/12 10:46	11/12/12 19:50	2110270
Tetrachloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	127-18-4	11/12/12 10:46	11/12/12 19:50	2110270
Toluene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	108-88-3	11/12/12 10:46	11/12/12 19:50	2110270
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	11/12/12 10:46	11/12/12 19:50	2110270
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	11/12/12 10:46	11/12/12 19:50	2110270
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	11/12/12 10:46	11/12/12 19:50	2110270
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	11/12/12 10:46	11/12/12 19:50	2110270

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Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Client ID: 1304-SW2
Lab No: AVK0311-32
Matrix: Surface Water

Project: Charlotte Motor Speedway
Date/Time Sampled: 11/08/12 12:25
Date/Time Received: 11/09/12 13:45

Report No.: AVK0311

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		0.9	96-18-4	11/12/12 10:46	11/12/12 19:50	2110270
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	11/12/12 10:46	11/12/12 19:50	2110270
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	11/12/12 10:46	11/12/12 19:50	2110270
Xylenes, total	EPA 8260B	EPA 5030B	ND	4.0	1	ug/L		0.8	1330-20-7	11/12/12 10:46	11/12/12 19:50	2110270
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	100 %		75-123				1868-53-7	11/12/12 10:46	11/12/12 19:50	2110270
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	106 %		72-120				17060-07-0	11/12/12 10:46	11/12/12 19:50	2110270
Surr: Toluene-d8	EPA 8260B	EPA 5030B	95 %		75-120				2037-26-5	11/12/12 10:46	11/12/12 19:50	2110270
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	98 %		80-120				460-00-4	11/12/12 10:46	11/12/12 19:50	2110270

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5105-A Morehead Rd.
Concord NC, 28027

Attention: Mr. Mike Gurley

November 28, 2012

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110321 - EPA 7470A										
Blank (2110321-BLK1)							Prepared: 11/15/12	Analyzed: 11/16/12		
Mercury	ND	0.200	ug/L							
LCS (2110321-BS1)							Prepared: 11/15/12	Analyzed: 11/16/12		
Mercury	2.59	0.200	ug/L	2.5000		104	80-120			
Matrix Spike (2110321-MS1)		Source: AVK0213-39					Prepared: 11/15/12	Analyzed: 11/16/12		
Mercury	2.51	0.200	ug/L	2.5000	ND	100	75-125			
Matrix Spike Dup (2110321-MSD1)		Source: AVK0213-39					Prepared: 11/15/12	Analyzed: 11/16/12		
Mercury	2.43	0.200	ug/L	2.5000	ND	97	75-125	3	20	
Post Spike (2110321-PS1)		Source: AVK0213-39					Prepared: 11/15/12	Analyzed: 11/16/12		
Mercury	1.62		ug/L	1.6667	0.009	97	80-120			
Batch 2110355 - EPA 3005A										
Blank (2110355-BLK1)							Prepared & Analyzed: 11/15/12			
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							

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110355 - EPA 3005A										
Blank (2110355-BLK1)							Prepared & Analyzed: 11/15/12			
Silver	ND	10.0	ug/L							
Thallium	ND	5.50	ug/L							
Tin	ND	20.0	ug/L							
Vanadium	4.27	25.0	ug/L							J
Zinc	ND	10.0	ug/L							
LCS (2110355-BS1)							Prepared & Analyzed: 11/15/12			
Antimony	105	6.00	ug/L	100.00		105	80-120			
Arsenic	101	10.0	ug/L	100.00		101	80-120			
Barium	99.3	100	ug/L	100.00		99	80-120			J
Beryllium	96.8	1.00	ug/L	100.00		97	80-120			
Cadmium	103	1.00	ug/L	100.00		103	80-120			
Chromium	97.4	10.0	ug/L	100.00		97	80-120			
Cobalt	97.8	10.0	ug/L	100.00		98	80-120			
Copper	100	10.0	ug/L	100.00		100	80-120			
Lead	102	10.0	ug/L	100.00		102	80-120			
Nickel	99.8	50.0	ug/L	100.00		100	80-120			
Selenium	97.1	10.0	ug/L	100.00		97	80-120			
Silver	102	10.0	ug/L	100.00		102	80-120			
Thallium	99.9	5.50	ug/L	100.00		100	80-120			
Tin	101	20.0	ug/L	100.00		101	80-120			
Vanadium	96.7	25.0	ug/L	100.00		97	80-120			
Zinc	99.8	10.0	ug/L	100.00		100	80-120			
Matrix Spike (2110355-MS1)	**Source: AVK0311-06**						Prepared & Analyzed: 11/15/12			
Antimony	106	6.00	ug/L	100.00	ND	106	75-125			
Arsenic	96.7	10.0	ug/L	100.00	ND	97	75-125			

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November 28, 2012

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110355 - EPA 3005A										
Matrix Spike (2110355-MS1)		**Source: AVK0311-06**					Prepared & Analyzed: 11/15/12			
Barium	126	100	ug/L	100.00	26.5	100	75-125			
Beryllium	94.5	1.00	ug/L	100.00	ND	95	75-125			
Cadmium	103	1.00	ug/L	100.00	ND	103	75-125			
Chromium	94.5	10.0	ug/L	100.00	3.20	91	75-125			
Cobalt	93.7	10.0	ug/L	100.00	0.23	93	75-125			
Copper	97.8	10.0	ug/L	100.00	0.79	97	75-125			
Lead	103	10.0	ug/L	100.00	ND	103	75-125			
Nickel	97.3	50.0	ug/L	100.00	1.48	96	75-125			
Selenium	93.8	10.0	ug/L	100.00	ND	94	75-125			
Silver	101	10.0	ug/L	100.00	ND	101	75-125			
Thallium	101	5.50	ug/L	100.00	ND	101	75-125			
Tin	102	20.0	ug/L	100.00	ND	102	75-125			
Vanadium	94.1	25.0	ug/L	100.00	3.98	90	75-125			
Zinc	99.5	10.0	ug/L	100.00	2.57	97	75-125			
Matrix Spike Dup (2110355-MSD1)		**Source: AVK0311-06**					Prepared & Analyzed: 11/15/12			
Antimony	103	6.00	ug/L	100.00	ND	103	75-125	3	20	
Arsenic	95.1	10.0	ug/L	100.00	ND	95	75-125	2	20	
Barium	128	100	ug/L	100.00	26.5	101	75-125	1	20	
Beryllium	91.7	1.00	ug/L	100.00	ND	92	75-125	3	20	
Cadmium	100	1.00	ug/L	100.00	ND	100	75-125	3	20	
Chromium	93.1	10.0	ug/L	100.00	3.20	90	75-125	1	20	
Cobalt	94.0	10.0	ug/L	100.00	0.23	94	75-125	0.3	20	
Copper	97.0	10.0	ug/L	100.00	0.79	96	75-125	0.8	20	
Lead	102	10.0	ug/L	100.00	ND	102	75-125	2	20	
Nickel	96.1	50.0	ug/L	100.00	1.48	95	75-125	1	20	
Selenium	95.1	10.0	ug/L	100.00	ND	95	75-125	1	20	

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Attention: Mr. Mike Gurley

November 28, 2012

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110355 - EPA 3005A										
Matrix Spike Dup (2110355-MSD1)		**Source: AVK0311-06**					Prepared & Analyzed: 11/15/12			
Silver	98.3	10.0	ug/L	100.00	ND	98	75-125	3	20	
Thallium	98.6	5.50	ug/L	100.00	ND	99	75-125	2	20	
Tin	98.8	20.0	ug/L	100.00	ND	99	75-125	3	20	
Vanadium	93.6	25.0	ug/L	100.00	3.98	90	75-125	0.5	20	
Zinc	98.5	10.0	ug/L	100.00	2.57	96	75-125	1	20	
Post Spike (2110355-PS1)		**Source: AVK0311-06**					Prepared & Analyzed: 11/15/12			
Antimony	98.1		ug/L	100.00	0.14	98	80-120			
Arsenic	91.9		ug/L	100.00	-3.76	96	80-120			
Barium	127		ug/L	100.00	26.5	100	80-120			
Beryllium	94.5		ug/L	100.00	ND	94	80-120			
Cadmium	102		ug/L	100.00	ND	102	80-120			
Chromium	94.7		ug/L	100.00	3.20	91	80-120			
Cobalt	94.6		ug/L	100.00	0.23	94	80-120			
Copper	96.8		ug/L	100.00	0.79	96	80-120			
Lead	101		ug/L	100.00	0.01	101	80-120			
Nickel	95.1		ug/L	100.00	1.48	94	80-120			
Selenium	92.8		ug/L	100.00	0.24	93	80-120			
Silver	102		ug/L	100.00	0.03	102	80-120			
Thallium	99.6		ug/L	100.00	0.01	100	80-120			
Tin	101		ug/L	100.00	0.0200	101	80-120			
Vanadium	94.2		ug/L	100.00	3.98	90	80-120			
Zinc	97.7		ug/L	100.00	2.57	95	80-120			
Batch 2110394 - EPA 3005A										
Blank (2110394-BLK1)							Prepared & Analyzed: 11/16/12			

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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 28, 2012

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110394 - EPA 3005A										
Blank (2110394-BLK1)							Prepared & Analyzed: 11/16/12			
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	ND	10.0	ug/L							
LCS (2110394-BS1)							Prepared & Analyzed: 11/16/12			
Antimony	101	6.00	ug/L	100.00		101	80-120			
Arsenic	97.9	10.0	ug/L	100.00		98	80-120			
Barium	95.1	100	ug/L	100.00		95	80-120			J
Beryllium	99.9	1.00	ug/L	100.00		100	80-120			
Cadmium	101	1.00	ug/L	100.00		101	80-120			
Chromium	100	10.0	ug/L	100.00		100	80-120			
Cobalt	100	10.0	ug/L	100.00		100	80-120			
Copper	102	10.0	ug/L	100.00		102	80-120			
Lead	96.0	10.0	ug/L	100.00		96	80-120			

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110394 - EPA 3005A										
LCS (2110394-BS1)							Prepared & Analyzed: 11/16/12			
Nickel	102	50.0	ug/L	100.00		102	80-120			
Selenium	101	10.0	ug/L	100.00		101	80-120			
Silver	99.0	10.0	ug/L	100.00		99	80-120			
Thallium	96.2	5.50	ug/L	100.00		96	80-120			
Tin	99.8	20.0	ug/L	100.00		100	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 (2110394-MS1)	**Source: AVK0412-03**						Prepared & Analyzed: 11/16/12			
Antimony	102	6.00	ug/L	100.00	ND	102	75-125			
Arsenic	99.1	10.0	ug/L	100.00	ND	99	75-125			
Barium	102	100	ug/L	100.00	4.83	97	75-125			
Beryllium	98.6	1.00	ug/L	100.00	ND	99	75-125			
Cadmium	100	1.00	ug/L	100.00	ND	100	75-125			
Chromium	103	10.0	ug/L	100.00	2.71	100	75-125			
Cobalt	101	10.0	ug/L	100.00	ND	101	75-125			
Copper	102	10.0	ug/L	100.00	1.05	100	75-125			
Lead	100	10.0	ug/L	100.00	0.26	100	75-125			
Nickel	99.2	50.0	ug/L	100.00	1.08	98	75-125			
Selenium	98.6	10.0	ug/L	100.00	ND	99	75-125			
Silver	98.4	10.0	ug/L	100.00	ND	98	75-125			
Thallium	98.8	5.50	ug/L	100.00	ND	99	75-125			
Tin	101	20.0	ug/L	100.00	ND	101	75-125			
Vanadium	102	25.0	ug/L	100.00	ND	102	75-125			
Zinc	103	10.0	ug/L	100.00	ND	103	75-125			
Matrix Spike Dup (2110394-MSD1)	**Source: AVK0412-03**						Prepared & Analyzed: 11/16/12			

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110394 - EPA 3005A										
Matrix Spike Dup (2110394-MSD1)		**Source: AVK0412-03**					Prepared & Analyzed: 11/16/12			
Antimony	104	6.00	ug/L	100.00	ND	104	75-125	1	20	
Arsenic	98.4	10.0	ug/L	100.00	ND	98	75-125	0.7	20	
Barium	102	100	ug/L	100.00	4.83	97	75-125	0.3	20	
Beryllium	97.5	1.00	ug/L	100.00	ND	98	75-125	1	20	
Cadmium	100	1.00	ug/L	100.00	ND	100	75-125	0.2	20	
Chromium	98.5	10.0	ug/L	100.00	2.71	96	75-125	4	20	
Cobalt	102	10.0	ug/L	100.00	ND	102	75-125	0.8	20	
Copper	101	10.0	ug/L	100.00	1.05	100	75-125	0.9	20	
Lead	101	10.0	ug/L	100.00	0.26	100	75-125	0.6	20	
Nickel	102	50.0	ug/L	100.00	1.08	101	75-125	3	20	
Selenium	93.2	10.0	ug/L	100.00	ND	93	75-125	6	20	
Silver	100	10.0	ug/L	100.00	ND	100	75-125	2	20	
Thallium	98.8	5.50	ug/L	100.00	ND	99	75-125	0.02	20	
Tin	102	20.0	ug/L	100.00	ND	102	75-125	1	20	
Vanadium	96.0	25.0	ug/L	100.00	ND	96	75-125	6	20	
Zinc	98.5	10.0	ug/L	100.00	ND	99	75-125	4	20	
Post Spike (2110394-PS1)		**Source: AVK0412-03**					Prepared & Analyzed: 11/16/12			
Antimony	95.5		ug/L	100.00	0.01	96	80-120			
Arsenic	100		ug/L	100.00	-2.53	103	80-120			
Barium	101		ug/L	100.00	4.83	96	80-120			
Beryllium	98.6		ug/L	100.00	-0.13	99	80-120			
Cadmium	98.8		ug/L	100.00	-0.02	99	80-120			
Chromium	103		ug/L	100.00	2.71	100	80-120			
Cobalt	103		ug/L	100.00	0.13	103	80-120			
Copper	104		ug/L	100.00	1.05	103	80-120			
Lead	97.4		ug/L	100.00	0.26	97	80-120			

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November 28, 2012

Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110394 - EPA 3005A										
Post Spike (2110394-PS1)		**Source: AVK0412-03**					Prepared & Analyzed: 11/16/12			
Nickel	103		ug/L	100.00	1.08	102	80-120			
Selenium	97.6		ug/L	100.00	-0.15	98	80-120			
Silver	96.5		ug/L	100.00	0.03	96	80-120			
Thallium	99.1		ug/L	100.00	-0.15	99	80-120			
Tin	101		ug/L	100.00	0.0300	101	80-120			
Vanadium	99.9		ug/L	100.00	0.06	100	80-120			
Zinc	103		ug/L	100.00	0.15	103	80-120			
Batch 2110448 - EPA 7470A										
Blank (2110448-BLK1)							Prepared: 11/19/12 Analyzed: 11/20/12			
Mercury	0.083	0.200	ug/L							J
LCS (2110448-BS1)							Prepared: 11/19/12 Analyzed: 11/20/12			
Mercury	2.53	0.200	ug/L	2.5000		101	80-120			
Matrix Spike (2110448-MS1)		**Source: AVK0311-16**					Prepared: 11/19/12 Analyzed: 11/20/12			
Mercury	2.30	0.200	ug/L	2.5000	0.084	89	75-125			
Matrix Spike Dup (2110448-MSD1)		**Source: AVK0311-16**					Prepared: 11/19/12 Analyzed: 11/20/12			
Mercury	2.24	0.200	ug/L	2.5000	0.084	86	75-125	3	20	
Post Spike (2110448-PS1)		**Source: AVK0311-16**					Prepared: 11/19/12 Analyzed: 11/20/12			
Mercury	1.61		ug/L	1.6667	0.056	93	80-120			
Batch 2110477 - EPA 3005A										
Blank (2110477-BLK1)							Prepared & Analyzed: 11/20/12			
Antimony	ND	6.00	ug/L							

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110477 - EPA 3005A										
Blank (2110477-BLK1)							Prepared & Analyzed: 11/20/12			
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							
Tin	ND	20.0	ug/L							
Vanadium	ND	25.0	ug/L							
Zinc	ND	10.0	ug/L							
LCS (2110477-BS1)							Prepared & Analyzed: 11/20/12			
Antimony	98.7	6.00	ug/L	100.00		99	80-120			
Arsenic	98.1	10.0	ug/L	100.00		98	80-120			
Barium	100	100	ug/L	100.00		100	80-120			J
Beryllium	100	1.00	ug/L	100.00		100	80-120			
Cadmium	100	1.00	ug/L	100.00		100	80-120			
Chromium	98.3	10.0	ug/L	100.00		98	80-120			
Cobalt	100	10.0	ug/L	100.00		100	80-120			
Copper	100	10.0	ug/L	100.00		100	80-120			
Lead	98.6	10.0	ug/L	100.00		99	80-120			
Nickel	101	50.0	ug/L	100.00		101	80-120			

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110477 - EPA 3005A										
LCS (2110477-BS1)							Prepared & Analyzed: 11/20/12			
Selenium	98.0	10.0	ug/L	100.00		98	80-120			
Silver	97.6	10.0	ug/L	100.00		98	80-120			
Thallium	98.4	5.50	ug/L	100.00		98	80-120			
Tin	97.7	20.0	ug/L	100.00		98	80-120			
Vanadium	95.6	25.0	ug/L	100.00		96	80-120			
Zinc	102	10.0	ug/L	100.00		102	80-120			
Duplicate (2110477-DUP1)		**Source: AVK0311-27RE1**					Prepared & Analyzed: 11/20/12			
Antimony	ND	6.00	ug/L		0.46				20	
Arsenic	1.79	10.0	ug/L		ND				20	J
Barium	51.0	100	ug/L		51.0			0.1	20	J
Beryllium	ND	1.00	ug/L		ND				20	
Cadmium	0.08	1.00	ug/L		0.06			29	20	QR-01, J
Chromium	8.91	10.0	ug/L		11.1			22	20	QR-01, J
Cobalt	2.18	10.0	ug/L		2.22			2	20	J
Copper	10.0	10.0	ug/L		10.0			0.1	20	
Lead	2.73	10.0	ug/L		2.64			3	20	J
Nickel	10.7	50.0	ug/L		10.8			0.5	20	J
Selenium	ND	10.0	ug/L		ND				20	
Silver	ND	10.0	ug/L		ND				20	
Thallium	ND	5.50	ug/L		ND				20	
Tin	ND	20.0	ug/L		ND				20	
Vanadium	2.85	25.0	ug/L		4.10			36	20	QR-01, J
Zinc	13.5	10.0	ug/L		13.7			2	20	
Duplicate (2110477-DUP2)		**Source: AVK0311-20RE1**					Prepared & Analyzed: 11/20/12			
Antimony	ND	6.00	ug/L		1.35				20	

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110477 - EPA 3005A										
Duplicate (2110477-DUP2)		**Source: AVK0311-20RE1**					Prepared & Analyzed: 11/20/12			
Arsenic	ND	10.0	ug/L		ND				20	
Barium	45.7	100	ug/L		46.9			3	20	J
Beryllium	ND	1.00	ug/L		ND				20	
Cadmium	ND	1.00	ug/L		ND				20	
Chromium	12.8	10.0	ug/L		15.4			19	20	
Cobalt	1.70	10.0	ug/L		1.73			2	20	J
Copper	28.7	10.0	ug/L		30.0			4	20	
Lead	0.25	10.0	ug/L		0.27			8	20	J
Nickel	16.6	50.0	ug/L		17.4			5	20	J
Selenium	ND	10.0	ug/L		ND				20	
Silver	ND	10.0	ug/L		ND				20	
Thallium	ND	5.50	ug/L		ND				20	
Tin	ND	20.0	ug/L		ND				20	
Vanadium	8.31	25.0	ug/L		9.81			17	20	J
Zinc	6.04	10.0	ug/L		6.33			5	20	J
Matrix Spike (2110477-MS1)		**Source: AVK0474-23**					Prepared & Analyzed: 11/20/12			
Antimony	99.6	6.00	ug/L	100.00	ND	100	75-125			
Arsenic	95.2	10.0	ug/L	100.00	ND	95	75-125			
Barium	118	100	ug/L	100.00	19.9	98	75-125			
Beryllium	98.0	1.00	ug/L	100.00	ND	98	75-125			
Cadmium	101	1.00	ug/L	100.00	ND	101	75-125			
Chromium	98.0	10.0	ug/L	100.00	ND	98	75-125			
Cobalt	97.3	10.0	ug/L	100.00	ND	97	75-125			
Copper	97.5	10.0	ug/L	100.00	0.53	97	75-125			
Lead	100	10.0	ug/L	100.00	ND	100	75-125			
Nickel	96.6	50.0	ug/L	100.00	0.29	96	75-125			

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110477 - EPA 3005A										
Matrix Spike (2110477-MS1)		**Source: AVK0474-23**					Prepared & Analyzed: 11/20/12			
Selenium	95.5	10.0	ug/L	100.00	ND	96	75-125			
Silver	98.2	10.0	ug/L	100.00	ND	98	75-125			
Thallium	102	5.50	ug/L	100.00	ND	102	75-125			
Tin	101	20.0	ug/L	100.00	ND	101	75-125			
Vanadium	95.9	25.0	ug/L	100.00	ND	96	75-125			
Zinc	101	10.0	ug/L	100.00	1.91	99	75-125			
Matrix Spike Dup (2110477-MSD1)		**Source: AVK0474-23**					Prepared & Analyzed: 11/20/12			
Antimony	99.4	6.00	ug/L	100.00	ND	99	75-125	0.2	20	
Arsenic	96.5	10.0	ug/L	100.00	ND	96	75-125	1	20	
Barium	117	100	ug/L	100.00	19.9	97	75-125	0.6	20	
Beryllium	101	1.00	ug/L	100.00	ND	101	75-125	3	20	
Cadmium	99.1	1.00	ug/L	100.00	ND	99	75-125	1	20	
Chromium	101	10.0	ug/L	100.00	ND	101	75-125	3	20	
Cobalt	97.1	10.0	ug/L	100.00	ND	97	75-125	0.3	20	
Copper	95.3	10.0	ug/L	100.00	0.53	95	75-125	2	20	
Lead	98.7	10.0	ug/L	100.00	ND	99	75-125	1	20	
Nickel	96.9	50.0	ug/L	100.00	0.29	97	75-125	0.4	20	
Selenium	92.0	10.0	ug/L	100.00	ND	92	75-125	4	20	
Silver	96.8	10.0	ug/L	100.00	ND	97	75-125	1	20	
Thallium	102	5.50	ug/L	100.00	ND	102	75-125	0.3	20	
Tin	100	20.0	ug/L	100.00	ND	100	75-125	0.4	20	
Vanadium	95.9	25.0	ug/L	100.00	ND	96	75-125	0.01	20	
Zinc	98.8	10.0	ug/L	100.00	1.91	97	75-125	2	20	
Post Spike (2110477-PS1)		**Source: AVK0474-23**					Prepared & Analyzed: 11/20/12			
Antimony	94.7		ug/L	100.00	0.17	95	80-120			

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110477 - EPA 3005A										
Post Spike (2110477-PS1)		**Source: AVK0474-23**					Prepared & Analyzed: 11/20/12			
Arsenic	96.8		ug/L	100.00	0.90	96	80-120			
Barium	119		ug/L	100.00	19.9	99	80-120			
Beryllium	102		ug/L	100.00	-0.04	102	80-120			
Cadmium	101		ug/L	100.00	ND	101	80-120			
Chromium	96.4		ug/L	100.00	-0.92	97	80-120			
Cobalt	95.9		ug/L	100.00	0.04	96	80-120			
Copper	97.7		ug/L	100.00	0.53	97	80-120			
Lead	101		ug/L	100.00	0.03	101	80-120			
Nickel	97.2		ug/L	100.00	0.29	97	80-120			
Selenium	93.2		ug/L	100.00	-0.12	93	80-120			
Silver	100		ug/L	100.00	ND	100	80-120			
Thallium	102		ug/L	100.00	0.01	102	80-120			
Tin	102		ug/L	100.00	0.0200	102	80-120			
Vanadium	97.5		ug/L	100.00	-0.99	98	80-120			
Zinc	96.6		ug/L	100.00	1.91	95	80-120			

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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 2110247 - EPA 5030B										
Blank (2110247-BLK1)							Prepared & Analyzed: 11/09/12			
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							

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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 28, 2012

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 2110247 - EPA 5030B										
Blank (2110247-BLK1)							Prepared & Analyzed: 11/09/12			
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	*50*		*ug/L*	*50.000*		*99*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*46*		*ug/L*	*50.000*		*91*	*72-120*			
Surr: Toluene-d8	*46*		*ug/L*	*50.000*		*93*	*75-120*			
Surr: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*100*	*80-120*			

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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 2110247 - EPA 5030B										
LCS (2110247-BS1)							Prepared & Analyzed: 11/09/12			
Benzene	52		ug/L	50.000		105	80-120			
Chlorobenzene	47		ug/L	50.000		95	80-120			
1,1-Dichloroethene	55		ug/L	50.000		110	77-121			
Toluene	49		ug/L	50.000		98	78-120			
Trichloroethene	54		ug/L	50.000		107	80-122			
Surr: Dibromofluoromethane	*48*		*ug/L*	*50.000*		*96*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*45*		*ug/L*	*50.000*		*90*	*72-120*			
Surr: Toluene-d8	*46*		*ug/L*	*50.000*		*92*	*75-120*			
Surr: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*80-120*			
Matrix Spike (2110247-MS1)		**Source: AVK0311-02**					Prepared & Analyzed: 11/09/12			
Benzene	57		ug/L	50.000	ND	115	80-123			
Chlorobenzene	51		ug/L	50.000	ND	103	75-120			
1,1-Dichloroethene	61		ug/L	50.000	ND	122	80-120			QM-05
Toluene	54		ug/L	50.000	ND	108	80-120			
Trichloroethene	59		ug/L	50.000	ND	118	80-125			
Surr: Dibromofluoromethane	*48*		*ug/L*	*50.000*		*95*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*46*		*ug/L*	*50.000*		*92*	*72-120*			
Surr: Toluene-d8	*46*		*ug/L*	*50.000*		*92*	*75-120*			
Surr: 4-Bromofluorobenzene	*52*		*ug/L*	*50.000*		*104*	*80-120*			
Matrix Spike Dup (2110247-MSD1)		**Source: AVK0311-02**					Prepared & Analyzed: 11/09/12			
Benzene	54		ug/L	50.000	ND	108	80-123	6	9	
Chlorobenzene	48		ug/L	50.000	ND	96	75-120	7	13	
1,1-Dichloroethene	57		ug/L	50.000	ND	114	80-120	6	9	

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November 28, 2012

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 2110247 - EPA 5030B										
Matrix Spike Dup (2110247-MSD1)	**Source: AVK0311-02**						Prepared & Analyzed: 11/09/12			
Toluene	50		ug/L	50.000	ND	100	80-120	8	9	
Trichloroethene	54		ug/L	50.000	ND	108	80-125	8	11	
Surr: Dibromofluoromethane	*48*		*ug/L*	*50.000*		*96*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*47*		*ug/L*	*50.000*		*94*	*72-120*			
Surr: Toluene-d8	*46*		*ug/L*	*50.000*		*91*	*75-120*			
Surr: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*99*	*80-120*			
Batch 2110270 - EPA 5030B										
Blank (2110270-BLK1)							Prepared & Analyzed: 11/12/12			
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							

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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 2110270 - EPA 5030B										
Blank (2110270-BLK1)							Prepared & Analyzed: 11/12/12			
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							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110270 - EPA 5030B										
Blank (2110270-BLK1)							Prepared & Analyzed: 11/12/12			
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	*48*		*ug/L*	*50.000*		*96*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*72-120*			
Surr: Toluene-d8	*48*		*ug/L*	*50.000*		*95*	*75-120*			
Surr: 4-Bromofluorobenzene	*53*		*ug/L*	*50.000*		*105*	*80-120*			
Blank (2110270-BLK2)							Prepared & Analyzed: 11/13/12			
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							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110270 - EPA 5030B										
Blank (2110270-BLK2)							Prepared & Analyzed: 11/13/12			
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							
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							

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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 2110270 - EPA 5030B										
Blank (2110270-BLK2)							Prepared & Analyzed: 11/13/12			
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	*50*		*ug/L*	*50.000*		*99*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*52*		*ug/L*	*50.000*		*103*	*72-120*			
Surr: Toluene-d8	*48*		*ug/L*	*50.000*		*95*	*75-120*			
Surr: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*80-120*			
LCS (2110270-BS1)							Prepared & Analyzed: 11/12/12			
Benzene	49		ug/L	50.000		98	80-120			
Chlorobenzene	45		ug/L	50.000		91	80-120			
1,1-Dichloroethene	51		ug/L	50.000		101	77-121			
Toluene	47		ug/L	50.000		95	78-120			
Trichloroethene	48		ug/L	50.000		96	80-122			
Surr: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*97*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*98*	*72-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*97*	*75-120*			
Surr: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*80-120*			
Matrix Spike (2110270-MS1)	**Source: AVK0311-11**						Prepared & Analyzed: 11/13/12			
Benzene	51		ug/L	50.000	ND	102	80-123			
Chlorobenzene	47		ug/L	50.000	ND	95	75-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110270 - EPA 5030B										
Matrix Spike (2110270-MS1)		**Source: AVK0311-11**					Prepared & Analyzed: 11/13/12			
1,1-Dichloroethene	56		ug/L	50.000	ND	113	80-120			
Toluene	49		ug/L	50.000	ND	97	80-120			
Trichloroethene	50		ug/L	50.000	ND	99	80-125			
Surr: Dibromofluoromethane	*49*		*ug/L*	*50.000*		*98*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*51*		*ug/L*	*50.000*		*103*	*72-120*			
Surr: Toluene-d8	*48*		*ug/L*	*50.000*		*97*	*75-120*			
Surr: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*80-120*			
Matrix Spike Dup (2110270-MSD1)		**Source: AVK0311-11**					Prepared & Analyzed: 11/13/12			
Benzene	49		ug/L	50.000	ND	98	80-123	3	9	
Chlorobenzene	47		ug/L	50.000	ND	93	75-120	2	13	
1,1-Dichloroethene	54		ug/L	50.000	ND	107	80-120	5	9	
Toluene	49		ug/L	50.000	ND	97	80-120	0.02	9	
Trichloroethene	49		ug/L	50.000	ND	99	80-125	0.1	11	
Surr: Dibromofluoromethane	*48*		*ug/L*	*50.000*		*96*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*50*		*ug/L*	*50.000*		*100*	*72-120*			
Surr: Toluene-d8	*48*		*ug/L*	*50.000*		*96*	*75-120*			
Surr: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*80-120*			

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November 28, 2012

Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2013
NC	North Carolina	381	12/31/2012
NELAC	NELAC (Non-Potable Water, Solids)	E87315	06/30/2013
SC	South Carolina	98011001	06/30/2013
TX	Texas	T104704397-08-TX	03/31/2013
VA	Virginia	1340	12/14/2012

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November 28, 2012

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.

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.

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.

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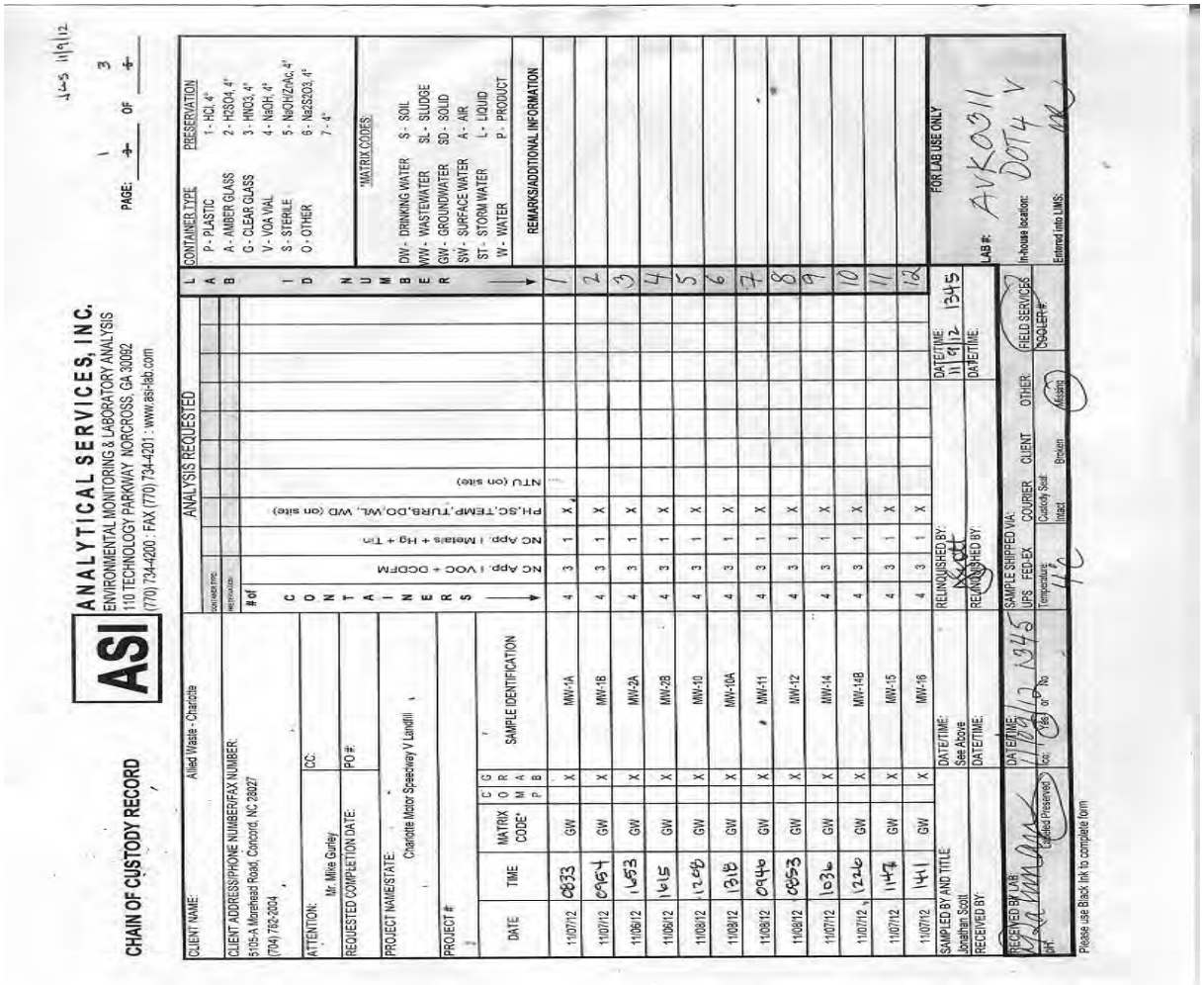

CHAIN OF CUSTODY RECORD

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 3

CLIENT NAME: Allied Waste - Charlotte
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 5105-A Morehead Road, Concord, NC 28027 (704) 782-2004
ATTENTION: Mr. Mike Gurley
CC:
REQUESTED COMPLETION DATE:
PO #:
PROJECT NAME/STATE: Charlotte Motor Speedway V Landfill
PROJECT #:

ANALYSIS REQUESTED: NC App. I VOC + DCDFM; NC App. I Metals + Hg + Tin; PH,SC,TEMP,TURB,DO,WL, WD (on site); NTU (on site)

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

DATE	TIME	MATRIX CODE	# of CONTAINERS	SAMPLE IDENTIFICATION	NC App. I VOC + DCDFM	NC App. I Metals + Hg + Tin	PH,SC,TEMP,TURB,DO,WL, WD (on site)	NTU (on site)	REMARKS/ADDITIONAL INFORMATION
11/07/12	0833	GW	4	MW-1A	3	1	X		1
11/07/12	0954	GW	4	MW-1B	3	1	X		2
11/06/12	1553	GW	4	MW-2A	3	1	X		3
11/06/12	1615	GW	4	MW-2B	3	1	X		4
11/08/12	1206	GW	4	MW-10	3	1	X		5
11/08/12	1318	GW	4	MW-10A	3	1	X		6
11/08/12	0940	GW	4	MW-11	3	1	X		7
11/08/12	0853	GW	4	MW-12	3	1	X		8
11/07/12	1036	GW	4	MW-14	3	1	X		9
11/07/12	1226	GW	4	MW-14B	3	1	X		10
11/07/12	1147	GW	4	MW-15	3	1	X		11
11/07/12	1411	GW	4	MW-16	3	1	X		12

SAMPLED BY AND TITLE: Jonathan Scott — DATE/TIME: See Above
RECEIVED BY: — DATE/TIME:
RELINQUISHED BY: — DATE/TIME: 11/9/12 1345
RELINQUISHED BY: — DATE/TIME:
RECEIVED BY LAB: — DATE/TIME: 11/09/12 1345
Cooler Preserved? Yes / No — Temp. Blank? Yes / No — Temperature: 4°C
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER: FIELD SERVICES
Custody Seal Intact Broken Absent
Please use Black Ink to complete form

FOR LAB USE ONLY
LAB #: AVK0311 DOT4 V
In-house location:
Cooler #:
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 28, 2012

JWS 11/9/12

PAGE: 2 OF 3

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

CLIENT NAME: Allied Waste - Charlotte

CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER:
5105-A Morehead Road, Concord, NC 28027
(704) 782-2004

ATTENTION: Mr. Mike Gurley
CC:
REQUESTED COMPLETION DATE:
PO #:

PROJECT NAME/STATE: Charlotte Motor Speedway V Landfill

PROJECT #:

CONTAINER TYPE / PRESERVATION:
P - PLASTIC — 1 - HCL 4°
A - AMBER GLASS — 2 - H2SO4 4°
G - CLEAR GLASS — 3 - HNO3, 4°
V - VOA VIAL — 4 - NaOH, 4°
S - STERILE — 5 - NaOH/ZnAc, 4°
O - OTHER — 6 - Na2S2O3, 4°
7 - 4°

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

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	# of CONTAINERS	NC App. I VOC + DCDFM	NC App. I Metals + Hg + Tin	PH,SC,TEMP,TURB,DO,WL, WD (on site)	NTU (on site)	SAMPLE IDENTIFICATION	LAB #	REMARKS/ADDITIONAL INFORMATION
11/08/12	1433	GW	4	3	1	X		MW-19AR	13	
11/08/12	1120	GW	3	3		X		MW-18R	14	
11/08/12	0936	GW	1		1		X		15	
11/08/12	1044	GW	4	3	1	X		MW-19A	16	
11/08/12	1536	GW	4	3	1	X		MW-20AR	17	
11/07/12	1416	GW	4	3	1	X		MW-26	18	
11/07/12	1457	GW	3	3		X		MW-27	19	
11/08/12	0910	GW	1		1		X		20	
11/07/12	1510	GW	4	3	1	X		MW-28	21	
11/07/12	1612	GW	4	3	1	X		MW-29R	22	
11/07/12	1556	GW	4	3	1	X		MW-30R	23	
11/08/12	0854	GW	4	3	1	X		MW-31	24	
11/08/12	1017	GW	4	3	1	X		MW-32R	25	

SAMPLED BY AND TITLE: Jonathan Scott — DATE/TIME: See Above
RECEIVED BY: — DATE/TIME:
RELINQUISHED BY: — DATE/TIME: 11/9/12 1345
RELINQUISHED BY: — DATE/TIME:
RECEIVED BY/LAB: — DATE/TIME: 11/09/12 1345
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER: FIELD SERVICES
Temperature: 1.2 Custody Seal: Intact Broken Missing
COOLER #:
Labeled Preserved: Yes / No
pH: Yes / No
In-house location:
Entered into LIMS:
LAB #: AVK0311 D074 V

FOR LAB USE ONLY

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 28, 2012

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 3

CLIENT NAME: Allied Waste - Charlotte
CLIENT ADDRESS/PHONE NUMBER/FAX NUMBER: 5105-A Morehead Road, Concord, NC 28027 (704) 792-2004
ATTENTION: Mr. Mike Gurley
CC:
REQUESTED COMPLETION DATE:
PO #:
PROJECT NAME/STATE: Charlotte Motor Speedway V Landfill
PROJECT #:

ISO TIME FOR:
RESENTOR:

ANALYSIS REQUESTED

DATE	TIME	MATRIX CODE*	# of CONTAINERS	SAMPLE IDENTIFICATION	NC App. I VOC + DCDFM	NC App. I Metals + Hg + Tin	PH,SC,TEMP,TURB,DO,VL, WD (on site)	NTU (on site)	NC App I VOC	NC App I Metals	PH,SC,TEMP,TURB,DO (on site)	REMARKS/ADDITIONAL INFORMATION
11/28/12	1106	GW	3	MW-33	3		X					MW-34 well was dry
11/29/12	0750	GW	1		1	1		X				
11/28/12	-	W	3	Trip Blank 2	3	3						
11/28/12	-	W	3	Trip Blank 3	3	3						
11/07/12	1600	W	4	Field Blank	4	3	1					
11/08/12	1153	SW	4	SW-1	4				3	1	X	
11/08/12	1225	SW	4	SW-2	4				3	1	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: Jonathan Scott — DATE/TIME: See Above
RECEIVED BY: — DATE/TIME:
RELINQUISHED BY: — DATE/TIME: 11/9/12 1345
RECEIVED BY: — DATE/TIME:
RECEIVED BY/LAB: — DATE/TIME: 11/28/12 1345
SAMPLE SHIPPED VIA: UPS FEDEX COURIER CLIENT OTHER: FIELD SERVICES
Labeled Preserved: Yes No
Temperature: 1.2
Custody Seal: Intact Broken Missing
COOLER #:
Entered into LIMS:

FOR LAB USE ONLY
LAB #: AVK0311
In-house location: DOT4 V

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

Laboratory Report

Report Number: AVJ0813

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 07, 2012

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:

Judy Wagner
Project Manager

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ANALYTICAL SERVICES, INC.

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

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

Attention: Mr. Mike Gurley

November 07, 2012

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
1304-Untreated Leachate	AVJ0813-01	Leachate	10/25/12 09:45	10/26/12 07:45

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

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

Attention: Mr. Mike Gurley

November 07, 2012

Client ID: 1304-Untreated Leachate
Lab No: AVJ0813-01
Matrix: Leachate

Project: Charlotte Motor Speedway Leachate
Date/Time Sampled: 10/25/12 09:45
Date/Time Received: 10/26/12 07:45

Report No.: AVJ0813

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
General Chemistry												
Biochemical Oxygen Demand	SM 5210 B	SM 5210 B	70.0	15.0	1	ug/L		2.0	E-10106	10/26/12 08:37	10/31/12 08:27	2100931
Chemical Oxygen Demand	SM 5220 D	SM 5220 D	650000	40	4	ug/L		40	E-10117	11/05/12 10:30	11/05/12 16:15	2110081
Orthophosphate as P	SM 4500-P E	SM 4500-P E	ND	20	1	ug/L		20	14265-44-2	10/26/12 17:00	10/26/12 17:30	2100964
Phosphorus-Total	SM 4500-P B,E	SM 4500-P B	10700	0.22	1.11	ug/L		0.22	7723-14-0	11/01/12 10:20	11/02/12 19:38	2101007
Inorganic Anions												
Nitrate/Nitrite as N	EPA 9056A	EPA 9056A	ND	100	2	ug/L		100	E-10128	11/03/12 09:54	11/03/12 09:54	2110058
Nitrate as N	EPA 9056A	EPA 9056A	ND	50	1	ug/L	H-02	50	14797-55-8	11/03/12 09:54	11/03/12 09:54	2110058
Sulfate	EPA 9056A	EPA 9056A	12000	5000	1	ug/L		5000	14808-79-8	11/03/12 09:54	11/03/12 09:54	2110058
Metals, Total												
Antimony	EPA 6020A	EPA 3005A	56.7	6.00	1	ug/L		0.19	7440-36-0	10/30/12 10:30	10/30/12 17:51	2100990
Arsenic	EPA 6020A	EPA 3005A	299	10.0	1	ug/L	B-01	1.20	7440-38-2	10/30/12 10:30	10/30/12 17:51	2100990
Barium	EPA 6020A	EPA 3005A	5830	100	1	ug/L		0.49	7440-39-3	10/30/12 10:30	10/30/12 17:51	2100990
Beryllium	EPA 6020A	EPA 3005A	0.11	1.00	1	ug/L	J	0.09	7440-41-7	10/30/12 10:30	10/30/12 17:51	2100990
Cadmium	EPA 6020A	EPA 3005A	0.10	1.00	1	ug/L	J	0.06	7440-43-9	10/30/12 10:30	10/30/12 17:51	2100990
Chromium	EPA 6020A	EPA 3005A	3.56	10.0	1	ug/L	J	0.71	7440-47-3	10/30/12 10:30	10/30/12 17:51	2100990
Cobalt	EPA 6020A	EPA 3005A	32.2	10.0	1	ug/L		0.17	7440-48-4	10/30/12 10:30	10/30/12 17:51	2100990
Copper	EPA 6020A	EPA 3005A	7.94	10.0	1	ug/L	J	0.18	7440-50-8	10/30/12 10:30	10/30/12 17:51	2100990
Lead	EPA 6020A	EPA 3005A	1.77	10.0	1	ug/L	J	0.09	7439-92-1	10/30/12 10:30	10/30/12 17:51	2100990
Nickel	EPA 6020A	EPA 3005A	82.0	50.0	1	ug/L		0.18	7440-02-0	10/30/12 10:30	10/30/12 17:51	2100990
Selenium	EPA 6020A	EPA 3005A	3.80	10.0	1	ug/L	J	0.54	7782-49-2	10/30/12 10:30	11/05/12 10:15	2100990

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

Attention: Mr. Mike Gurley

November 07, 2012

Client ID: 1304-Untreated Leachate
Lab No: AVJ0813-01
Matrix: Leachate

Project: Charlotte Motor Speedway Leachate
Date/Time Sampled: 10/25/12 09:45
Date/Time Received: 10/26/12 07:45

Report No.: AVJ0813

Analyte	Analytical Method	Prep Method	Result	SWSL/ RL	DF	Units	Qual	MDL	CAS #	Prep Date/Time	Analysis Date/Time	Batch
Metals, Total												
Silver	EPA 6020A	EPA 3005A	0.15	10.0	1	ug/L	J	0.10	7440-22-4	10/30/12 10:30	10/30/12 17:51	2100990
Thallium	EPA 6020A	EPA 3005A	ND	5.50	1	ug/L		0.23	7440-28-0	10/30/12 10:30	10/30/12 17:51	2100990
Vanadium	EPA 6020A	EPA 3005A	8.00	25.0	1	ug/L	J	1.70	7440-62-2	10/30/12 10:30	10/30/12 17:51	2100990
Zinc	EPA 6020A	EPA 3005A	70.6	10.0	1	ug/L	B-01	0.27	7440-66-6	10/30/12 10:30	10/30/12 17:51	2100990
Volatile Organic Compounds by EPA 8260												
Acetone	EPA 8260B	EPA 5030B	4400	2000	50	ug/L		300	67-64-1	10/30/12 12:00	10/30/12 12:54	2100999
Acrylonitrile	EPA 8260B	EPA 5030B	ND	200	1	ug/L		1.9	107-13-1	10/30/12 09:58	10/30/12 11:29	2100999
Benzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	71-43-2	10/30/12 09:58	10/30/12 11:29	2100999
Bromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.4	74-97-5	10/30/12 09:58	10/30/12 11:29	2100999
Bromodichloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	75-27-4	10/30/12 09:58	10/30/12 11:29	2100999
Bromoform	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.0	75-25-2	10/30/12 09:58	10/30/12 11:29	2100999
Bromomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		2.0	74-83-9	10/30/12 09:58	10/30/12 11:29	2100999
Carbon Disulfide	EPA 8260B	EPA 5030B	ND	100	1	ug/L		1.5	75-15-0	10/30/12 09:58	10/30/12 11:29	2100999
Carbon Tetrachloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	56-23-5	10/30/12 09:58	10/30/12 11:29	2100999
Chlorobenzene	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.3	108-90-7	10/30/12 09:58	10/30/12 11:29	2100999
Chloroethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		0.7	75-00-3	10/30/12 09:58	10/30/12 11:29	2100999
Chloroform	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.4	67-66-3	10/30/12 09:58	10/30/12 11:29	2100999
Chloromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.1	74-87-3	10/30/12 09:58	10/30/12 11:29	2100999
Dibromochloromethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		1.3	124-48-1	10/30/12 09:58	10/30/12 11:29	2100999
1,2-Dibromo-3-chloropropane	EPA 8260B	EPA 5030B	ND	13	1	ug/L		1.0	96-12-8	10/30/12 09:58	10/30/12 11:29	2100999
1,2-Dibromoethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-93-4	10/30/12 09:58	10/30/12 11:29	2100999

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

Attention: Mr. Mike Gurley

November 07, 2012

Client ID: 1304-Untreated Leachate
Lab No: AVJ0813-01
Matrix: Leachate

Project: Charlotte Motor Speedway Leachate
Date/Time Sampled: 10/25/12 09:45
Date/Time Received: 10/26/12 07:45

Report No.: AVJ0813

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	10/30/12 09:58	10/30/12 11:29	2100999
1,2-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	95-50-1	10/30/12 09:58	10/30/12 11:29	2100999
1,4-Dichlorobenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	106-46-7	10/30/12 09:58	10/30/12 11:29	2100999
trans-1,4-Dichloro-2-butene	EPA 8260B	EPA 5030B	ND	100	1	ug/L		0.9	110-57-6	10/30/12 09:58	10/30/12 11:29	2100999
1,1-Dichloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-34-3	10/30/12 09:58	10/30/12 11:29	2100999
1,2-Dichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	107-06-2	10/30/12 09:58	10/30/12 11:29	2100999
1,1-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	75-35-4	10/30/12 09:58	10/30/12 11:29	2100999
cis-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.2	156-59-2	10/30/12 09:58	10/30/12 11:29	2100999
trans-1,2-Dichloroethene	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.3	156-60-5	10/30/12 09:58	10/30/12 11:29	2100999
1,2-Dichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	78-87-5	10/30/12 09:58	10/30/12 11:29	2100999
cis-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-01-5	10/30/12 09:58	10/30/12 11:29	2100999
trans-1,3-Dichloropropene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	10061-02-6	10/30/12 09:58	10/30/12 11:29	2100999
Ethylbenzene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.3	100-41-4	10/30/12 09:58	10/30/12 11:29	2100999
Iodomethane	EPA 8260B	EPA 5030B	ND	10	1	ug/L		1.8	74-88-4	10/30/12 09:58	10/30/12 11:29	2100999
Methyl Butyl Ketone (2-Hexanone)	EPA 8260B	EPA 5030B	5.8	50	1	ug/L	J	1.3	591-78-6	10/30/12 09:58	10/30/12 11:29	2100999
Methylene Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-09-2	10/30/12 09:58	10/30/12 11:29	2100999
Methyl Ethyl Ketone (2-Butanone)	EPA 8260B	EPA 5030B	2400	2000	50	ug/L		67	78-93-3	10/30/12 12:00	10/30/12 12:54	2100999
4-Methyl-2-pentanone (MIBK)	EPA 8260B	EPA 5030B	30	100	1	ug/L	J	1.3	108-10-1	10/30/12 09:58	10/30/12 11:29	2100999
Styrene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.7	100-42-5	10/30/12 09:58	10/30/12 11:29	2100999
1,1,1,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.5	630-20-6	10/30/12 09:58	10/30/12 11:29	2100999
1,1,2,2-Tetrachloroethane	EPA 8260B	EPA 5030B	ND	3.0	1	ug/L		0.2	79-34-5	10/30/12 09:58	10/30/12 11:29	2100999

ANALYTICAL SERVICES, INC.

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

Attention: Mr. Mike Gurley

November 07, 2012

Client ID: 1304-Untreated Leachate
Lab No: AVJ0813-01
Matrix: Leachate

Project: Charlotte Motor Speedway Leachate
Date/Time Sampled: 10/25/12 09:45
Date/Time Received: 10/26/12 07:45

Report No.: AVJ0813

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		0.2	127-18-4	10/30/12 09:58	10/30/12 11:29	2100999
Toluene	EPA 8260B	EPA 5030B	0.2	1.0	1	ug/L	J	0.2	108-88-3	10/30/12 09:58	10/30/12 11:29	2100999
1,1,1-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	71-55-6	10/30/12 09:58	10/30/12 11:29	2100999
1,1,2-Trichloroethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.4	79-00-5	10/30/12 09:58	10/30/12 11:29	2100999
Trichloroethene	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	79-01-6	10/30/12 09:58	10/30/12 11:29	2100999
Trichlorofluoromethane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-69-4	10/30/12 09:58	10/30/12 11:29	2100999
1,2,3-Trichloropropane	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.9	96-18-4	10/30/12 09:58	10/30/12 11:29	2100999
Vinyl Acetate	EPA 8260B	EPA 5030B	ND	50	1	ug/L		0.3	108-05-4	10/30/12 09:58	10/30/12 11:29	2100999
Vinyl Chloride	EPA 8260B	EPA 5030B	ND	1.0	1	ug/L		0.2	75-01-4	10/30/12 09:58	10/30/12 11:29	2100999
Xylenes, total	EPA 8260B	EPA 5030B	ND	5.0	1	ug/L		0.8	1330-20-7	10/30/12 09:58	10/30/12 11:29	2100999
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	90 %		75-123				1868-53-7	10/30/12 12:00	10/30/12 12:54	2100999
Surr: Dibromofluoromethane	EPA 8260B	EPA 5030B	93 %		75-123				1868-53-7	10/30/12 09:58	10/30/12 11:29	2100999
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	97 %		72-120				17060-07-0	10/30/12 09:58	10/30/12 11:29	2100999
Surr: 1,2-Dichloroethane-d4	EPA 8260B	EPA 5030B	95 %		72-120				17060-07-0	10/30/12 12:00	10/30/12 12:54	2100999
Surr: Toluene-d8	EPA 8260B	EPA 5030B	98 %		75-120				2037-26-5	10/30/12 12:00	10/30/12 12:54	2100999
Surr: Toluene-d8	EPA 8260B	EPA 5030B	100 %		75-120				2037-26-5	10/30/12 09:58	10/30/12 11:29	2100999
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	100 %		80-120				460-00-4	10/30/12 09:58	10/30/12 11:29	2100999
Surr: 4-Bromofluorobenzene	EPA 8260B	EPA 5030B	99 %		80-120				460-00-4	10/30/12 12:00	10/30/12 12:54	2100999

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Attention: Mr. Mike Gurley

November 07, 2012

General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2100931 - SM 5210 B										
Blank (2100931-BLK1)							Prepared: 10/26/12 Analyzed: 10/31/12			
Biochemical Oxygen Demand	ND	2.0	ug/L							
LCS (2100931-BS1)							Prepared: 10/26/12 Analyzed: 10/31/12			
Biochemical Oxygen Demand	206000	2000	ug/L	198000		104	85-115			
Duplicate (2100931-DUP1)		Source: AVJ0810-01					Prepared: 10/26/12 Analyzed: 10/31/12			
Biochemical Oxygen Demand	175000	15000	ug/L		170000			3	20	
Batch 2100964 - SM 4500-P E										
Blank (2100964-BLK1)							Prepared & Analyzed: 10/26/12			
Orthophosphate as P	ND	20.0	ug/L							
LCS (2100964-BS1)							Prepared & Analyzed: 10/26/12			
Orthophosphate as P	3930	200	ug/L	4000.0		98	89-110			
Matrix Spike (2100964-MS1)		Source: AVJ0813-01					Prepared & Analyzed: 10/26/12			
Orthophosphate as P	3460	200	ug/L	4000.0	ND	86	82-117			
Matrix Spike Dup (2100964-MSD1)		Source: AVJ0813-01					Prepared & Analyzed: 10/26/12			
Orthophosphate as P	3470	200	ug/L	4000.0	ND	87	82-117	0.3	5	
Batch 2101007 - SM 4500-P B										
Blank (2101007-BLK1)							Prepared: 11/01/12 Analyzed: 11/02/12			
Phosphorus-Total	ND	0.02	ug/L							

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General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2101007 - SM 4500-P B										
LCS (2101007-BS1)							Prepared: 11/01/12 Analyzed: 11/02/12			
Phosphorus-Total	4060	200	ug/L	4000.0		102	88-110			
Duplicate (2101007-DUP1)		**Source: AVJ0862-02**					Prepared: 11/01/12 Analyzed: 11/02/12			
Phosphorus-Total	15200	2000	ug/L		16300			7	47	
Matrix Spike (2101007-MS1)		**Source: AVJ0836-01**					Prepared: 11/01/12 Analyzed: 11/02/12			
Phosphorus-Total	3320	200	ug/L	4000.0	466	71	72-123			QM-05
Matrix Spike Dup (2101007-MSD1)		**Source: AVJ0836-01**					Prepared: 11/01/12 Analyzed: 11/02/12			
Phosphorus-Total	3500	200	ug/L	4000.0	466	76	72-123	5	11	
Batch 2110081 - SM 5220 D										
Blank (2110081-BLK1)							Prepared & Analyzed: 11/05/12			
Chemical Oxygen Demand	6730	10000	ug/L							J
LCS (2110081-BS1)							Prepared & Analyzed: 11/05/12			
Chemical Oxygen Demand	201000	10000	ug/L	200000		101	90-110			
Duplicate (2110081-DUP1)		**Source: AVJ0955-01**					Prepared & Analyzed: 11/05/12			
Chemical Oxygen Demand	720000	10000	ug/L		720000			0.1	10	
Duplicate (2110081-DUP2)		**Source: AVK0019-01**					Prepared & Analyzed: 11/05/12			
Chemical Oxygen Demand	1280000	40000	ug/L		1300000			2	10	
Matrix Spike (2110081-MS1)		**Source: AVJ0959-02**					Prepared & Analyzed: 11/05/12			
Chemical Oxygen Demand	216000	10000	ug/L	200000	15300	101	90-110			

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General Chemistry - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110081 - SM 5220 D										
Matrix Spike (2110081-MS2)		**Source: AVJ0863-02**					Prepared & Analyzed: 11/05/12			
Chemical Oxygen Demand	234000	10000	ug/L	200000	24300	105	90-110			
Matrix Spike Dup (2110081-MSD1)		**Source: AVJ0959-02**					Prepared & Analyzed: 11/05/12			
Chemical Oxygen Demand	219000	10000	ug/L	200000	15300	102	90-110	1	10	

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Inorganic Anions - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2110058 - EPA 9056A										
Blank (2110058-BLK1)							Prepared & Analyzed: 11/02/12			
Nitrate/Nitrite as N	ND	50	ug/L							
Nitrate as N	ND	50	ug/L							
Sulfate	ND	5000	ug/L							
LCS (2110058-BS1)							Prepared & Analyzed: 11/02/12			
Nitrate/Nitrite as N	20300	50	ug/L	20000		102	90-110			
Nitrate as N	10200	50	ug/L	10000		102	90-110			
Sulfate	10100	5000	ug/L	10000		101	90-110			
Matrix Spike (2110058-MS1)	**Source: AVK0049-02**						Prepared & Analyzed: 11/02/12			
Nitrate/Nitrite as N	21000	50	ug/L	20000	832	101	90-110			
Nitrate as N	10200	50	ug/L	10000	51.0	102	90-110			
Sulfate	17500	5000	ug/L	10000	8090	94	90-110			
Matrix Spike (2110058-MS2)	**Source: AVJ0814-14**						Prepared & Analyzed: 11/03/12			
Nitrate/Nitrite as N	20400	50	ug/L	20000	ND	102	90-110			
Nitrate as N	10400	50	ug/L	10000	ND	104	90-110			
Sulfate	14600	5000	ug/L	10000	4880	97	90-110			
Matrix Spike Dup (2110058-MSD1)	**Source: AVK0049-02**						Prepared & Analyzed: 11/02/12			
Nitrate/Nitrite as N	21100	50	ug/L	20000	832	101	90-110	0.6	15	
Nitrate as N	10300	50	ug/L	10000	51.0	103	90-110	1	15	
Sulfate	17500	5000	ug/L	10000	8090	94	90-110	0.5	15	

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2100990 - EPA 3005A										
Blank (2100990-BLK1)							Prepared & Analyzed: 10/30/12			
Antimony	ND	6.00	ug/L							
Arsenic	1.37	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	0.35	10.0	ug/L							J
LCS (2100990-BS1)							Prepared & Analyzed: 10/30/12			
Antimony	107	6.00	ug/L	100.00		107	80-120			
Arsenic	101	10.0	ug/L	100.00		101	80-120			
Barium	102	100	ug/L	100.00		102	80-120			
Beryllium	104	1.00	ug/L	100.00		104	80-120			
Cadmium	103	1.00	ug/L	100.00		103	80-120			
Chromium	100	10.0	ug/L	100.00		100	80-120			
Cobalt	102	10.0	ug/L	100.00		102	80-120			
Copper	104	10.0	ug/L	100.00		104	80-120			
Lead	98.6	10.0	ug/L	100.00		99	80-120			
Nickel	103	50.0	ug/L	100.00		103	80-120			

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2100990 - EPA 3005A										
LCS (2100990-BS1)							Prepared & Analyzed: 10/30/12			
Selenium	99.6	10.0	ug/L	100.00		100	80-120			
Silver	102	10.0	ug/L	100.00		102	80-120			
Thallium	96.8	5.50	ug/L	100.00		97	80-120			
Vanadium	102	25.0	ug/L	100.00		102	80-120			
Zinc	102	10.0	ug/L	100.00		102	80-120			
Matrix Spike (2100990-MS1)	**Source: AVJ0876-01**						Prepared & Analyzed: 10/30/12			
Antimony	108	6.00	ug/L	100.00	0.48	108	75-125			
Arsenic	98.5	10.0	ug/L	100.00	ND	98	75-125			
Barium	106	100	ug/L	100.00	3.13	103	75-125			
Beryllium	104	1.00	ug/L	100.00	0.59	103	75-125			
Cadmium	103	1.00	ug/L	100.00	ND	103	75-125			
Chromium	97.7	10.0	ug/L	100.00	ND	98	75-125			
Cobalt	99.4	10.0	ug/L	100.00	ND	99	75-125			
Copper	102	10.0	ug/L	100.00	0.90	101	75-125			
Lead	142	10.0	ug/L	100.00	43.8	98	75-125			
Nickel	100	50.0	ug/L	100.00	0.38	100	75-125			
Selenium	98.1	10.0	ug/L	100.00	ND	98	75-125			
Silver	101	10.0	ug/L	100.00	ND	101	75-125			
Thallium	97.3	5.50	ug/L	100.00	ND	97	75-125			
Vanadium	101	25.0	ug/L	100.00	ND	101	75-125			
Zinc	105	10.0	ug/L	100.00	5.86	99	75-125			
Matrix Spike Dup (2100990-MSD1)	**Source: AVJ0876-01**						Prepared & Analyzed: 10/30/12			
Antimony	106	6.00	ug/L	100.00	0.48	106	75-125	2	20	
Arsenic	96.4	10.0	ug/L	100.00	ND	96	75-125	2	20	
Barium	105	100	ug/L	100.00	3.13	102	75-125	1	20	

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2100990 - EPA 3005A										
Matrix Spike Dup (2100990-MSD1)		**Source: AVJ0876-01**					Prepared & Analyzed: 10/30/12			
Beryllium	103	1.00	ug/L	100.00	0.59	103	75-125	0.1	20	
Cadmium	101	1.00	ug/L	100.00	ND	101	75-125	2	20	
Chromium	96.2	10.0	ug/L	100.00	ND	96	75-125	2	20	
Cobalt	98.2	10.0	ug/L	100.00	ND	98	75-125	1	20	
Copper	99.7	10.0	ug/L	100.00	0.90	99	75-125	3	20	
Lead	141	10.0	ug/L	100.00	43.8	97	75-125	0.9	20	
Nickel	98.6	50.0	ug/L	100.00	0.38	98	75-125	2	20	
Selenium	93.6	10.0	ug/L	100.00	ND	94	75-125	5	20	
Silver	98.7	10.0	ug/L	100.00	ND	99	75-125	2	20	
Thallium	96.4	5.50	ug/L	100.00	ND	96	75-125	0.9	20	
Vanadium	98.7	25.0	ug/L	100.00	ND	99	75-125	2	20	
Zinc	104	10.0	ug/L	100.00	5.86	98	75-125	0.9	20	
Post Spike (2100990-PS1)		**Source: AVJ0876-01**					Prepared & Analyzed: 10/30/12			
Antimony	100		ug/L	100.00	0.48	100	80-120			
Arsenic	99.4		ug/L	100.00	0.04	99	80-120			
Barium	106		ug/L	100.00	3.13	103	80-120			
Beryllium	102		ug/L	100.00	0.59	102	80-120			
Cadmium	102		ug/L	100.00	0.04	102	80-120			
Chromium	97.0		ug/L	100.00	-2.08	99	80-120			
Cobalt	99.6		ug/L	100.00	0.05	100	80-120			
Copper	102		ug/L	100.00	0.90	101	80-120			
Lead	143		ug/L	100.00	43.8	99	80-120			
Nickel	101		ug/L	100.00	0.38	101	80-120			
Selenium	96.2		ug/L	100.00	0.22	96	80-120			
Silver	99.6		ug/L	100.00	0.05	100	80-120			
Thallium	96.8		ug/L	100.00	-0.02	97	80-120			

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Metals, Total - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2100990 - EPA 3005A										
Post Spike (2100990-PS1)		**Source: AVJ0876-01**					Prepared & Analyzed: 10/30/12			
Vanadium	101		ug/L	100.00	-0.76	101	80-120			
Zinc	105		ug/L	100.00	5.86	99	80-120			

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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 2100999 - EPA 5030B										
Blank (2100999-BLK1)							Prepared & Analyzed: 10/30/12			
Acetone	ND	40	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	0.3	3.0	ug/L							J
Chloroethane	ND	10	ug/L							
Chloroform	ND	5.0	ug/L							
Chloromethane	ND	1.0	ug/L							
Dibromochloromethane	ND	3.0	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							

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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 2100999 - EPA 5030B										
Blank (2100999-BLK1)							Prepared & Analyzed: 10/30/12			
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	40	ug/L							
4-Methyl-2-pentanone (MIBK)	ND	100	ug/L							
Styrene	ND	1.0	ug/L							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L							
1,1,2,2-Tetrachloroethane	ND	3.0	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	5.0	ug/L							
Surr: Dibromofluoromethane	*46*		*ug/L*	*50.000*		*93*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*49*		*ug/L*	*50.000*		*97*	*72-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*98*	*75-120*			
Surr: 4-Bromofluorobenzene	*50*		*ug/L*	*50.000*		*101*	*80-120*			
LCS (2100999-BS1)							Prepared & Analyzed: 10/30/12			

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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 07, 2012

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 2100999 - EPA 5030B										
LCS (2100999-BS1)							Prepared & Analyzed: 10/30/12			
Benzene	51		ug/L	50.000		102	80-120			
Chlorobenzene	49		ug/L	50.000		98	80-120			
1,1-Dichloroethene	50		ug/L	50.000		100	77-121			
Toluene	51		ug/L	50.000		103	78-120			
Trichloroethene	53		ug/L	50.000		105	80-122			
Surr: Dibromofluoromethane	*46*		*ug/L*	*50.000*		*92*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*47*		*ug/L*	*50.000*		*95*	*72-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*99*	*75-120*			
Surr: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*102*	*80-120*			
Matrix Spike (2100999-MS1)	**Source: AVJ0813-01**						Prepared & Analyzed: 10/30/12			
Benzene	50		ug/L	50.000	ND	100	80-123			
Chlorobenzene	47		ug/L	50.000	ND	95	75-120			
1,1-Dichloroethene	48		ug/L	50.000	ND	97	80-120			
Toluene	51		ug/L	50.000	0.2	102	80-120			
Trichloroethene	51		ug/L	50.000	ND	103	80-125			
Surr: Dibromofluoromethane	*46*		*ug/L*	*50.000*		*92*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*96*	*72-120*			
Surr: Toluene-d8	*50*		*ug/L*	*50.000*		*99*	*75-120*			
Surr: 4-Bromofluorobenzene	*49*		*ug/L*	*50.000*		*98*	*80-120*			
Matrix Spike Dup (2100999-MSD1)	**Source: AVJ0813-01**						Prepared & Analyzed: 10/30/12			
Benzene	47		ug/L	50.000	ND	95	80-123	6	9	
Chlorobenzene	45		ug/L	50.000	ND	90	75-120	4	13	
1,1-Dichloroethene	48		ug/L	50.000	ND	96	80-120	0.5	9	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
Batch 2100999 - EPA 5030B										
Matrix Spike Dup (2100999-MSD1)		**Source: AVJ0813-01**					Prepared & Analyzed: 10/30/12			
Toluene	47		ug/L	50.000	0.2	93	80-120	9	9	
Trichloroethene	47		ug/L	50.000	ND	94	80-125	9	11	
Surr: Dibromofluoromethane	*46*		*ug/L*	*50.000*		*93*	*75-123*			
Surr: 1,2-Dichloroethane-d4	*48*		*ug/L*	*50.000*		*95*	*72-120*			
Surr: Toluene-d8	*49*		*ug/L*	*50.000*		*99*	*75-120*			
Surr: 4-Bromofluorobenzene	*51*		*ug/L*	*50.000*		*101*	*80-120*			

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November 07, 2012

Laboratory Certifications

Code	Description	Number	Expires
LA	Louisiana	02069	06/30/2013
NC	North Carolina	381	12/31/2012
NELAC	NELAC (Non-Potable Water, Solids)	E87315	06/30/2013
NELDW	NELAC (Drinking Water)	E87315	06/30/2013
SC	South Carolina	98011001	06/30/2013
TX	Texas	T104704397-08-TX	03/31/2013
VA	Virginia	1340	12/14/2012

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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

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.

J Estimated value less than Reporting Limit (RL) but greater than Method Detection Limit(MDL) (CLP J-Flag).

H-02 Sample was prepared and/or analyzed outside of the EPA recommended holding time.

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.

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

Attention: Mr. Mike Gurley

November 07, 2012

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
704-400-8557

ATTENTION: Mr. Mike Gurley

CC:

REQUESTED COMPLETION DATE:

PO #:

PROJECT NAME/STATE:
UNTREATED LEACHATE WW MONITORING

PROJECT #:

DATE	TIME	MATRIX CODE*	# of CONTAINERS	SAMPLE IDENTIFICATION	NC App I Volatiles	NC App I Metals	Nitrate, Sulfate	Ortho-phosphate	COD, Phosphorus	BOD	REMARKS/ADDITIONAL INFORMATION
10/26/12	0745	L	X	Untreated Leachate	3	1	1	1	1	1	pH-8.26
											SC-3491
											Temp-15.7 C

CONTAINER TYPE: A - P - PLASTIC; B - A - AMBER GLASS; G - CLEAR GLASS; V - VOA VIAL; I - S - STERILE; D - 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; S - SOIL; WW - WASTEWATER; SL - SLUDGE; GW - GROUNDWATER; SD - SOLID; SW - SURFACE WATER; A - AIR; ST - STORM WATER; L - LIQUID; W - WATER; P - PRODUCT

SAMPLED BY (AND TITLE): D. Kugel W/Provest; DATE/TIME: See Above
RELINQUISHED BY: DATE/TIME: 10/26/12 0745
RECEIVED BY: DATE/TIME:
RELINQUISHED BY: DATE/TIME: 10/26/12 0745
RECEIVED BY LAB: DATE/TIME: 10/26/12 0745
SAMPLE SHIPPED VIA: UPS FED-EX COURIER CLIENT OTHER: FIELD SERVICES
Temperature: 15.7 °C; Custody Seal: Intact Broken; Cooler #: Alkalinity
Seal #: Cooler #: No.
Please use Black Ink to complete form

FOR LAB USE ONLY
LAB #: AVJ0813
In-house location: A4 H5 DOT2
Entered into LIMS:

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ANALYTICAL SERVICES, INC.

Environmental Monitoring & Laboratory Analysis
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(770) 734-4200 FAX (770) 734-4201

LOG-IN CHECKLIST

Printed: 11/7/2012 3:49:33PM

Attn: Mr. Mike Gurley

Client: Allied Waste Ind. Inc. - Charlotte
Project: Charlotte Motor Speedway Leachate
Date Received: 10/26/12 07:45

Work Order: AVJ0813
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:

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ANALYTICAL SERVICES, INC.

ENVIRONMENTAL MONITORING & LABORATORY ANALYSIS
110 TECHNOLOGY PARKWAY, NORCROSS, GA 30092
(770) 734-4200 • Fax (770) 734-4201

November 20, 2012
Republic Services Inc. of South Carolina
Mr. Mike Gurley
5105-A Morehead Road,
Concord, North Carolina 28027

RE: Charlotte Motor Speedway V Landfill Report AVK0002 and AVK0311

Mr. Gurley:

Analytical Services completed the semi-annual groundwater and surface water at the referenced site on November 9, 2012. 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, 18AR, 18R, 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.: AVK0002
Sampling Date: 10/29/12

Well ID	DTW[1]	Well ID	DTW[1]	Well ID	DTW[1]	Well ID	DTW[1]	Well ID	DTW[1]
MW-1A	11.12	MW-14	10.71	MW-18R	22.52	MW-22	5.60	MW-30R	29.27
MW-1B	12.89	MW-14B	10.98	MW-19	29.90	MW-22A	6.85	MW-31	24.10
MW-2A	10.71	MW-15	9.80	MW-19A	30.38	MW-24	13.07	MW-32R	27.95
MW-2B	10.94	MW-16	15.80	MW-19AR	26.87	MW-25	8.65	MW-33	29.24
MW-10	23.13	MW-17	14.20	MW-19R	25.76	MW-26	16.53	MW-34	30.50
MW-10A	23.65	MW-17A	13.75	MW-20AR	11.55	MW-27	9.25		
MW-11	12.50	MW-18A	18.50	MW-20B	7.05	MW-28	13.15		
MW-12	15.30	MW-18AR	26.35	MW-21	14.46	MW-29R	9.68		

Note:
1 DTW - Depth to Water From Top of Casing (ft.)

Sampled By: D. Russell, W. Flammer, B. Jones
Field Specialist(s)

Reviewed By: [signature]
Field Services Manager

FIELD INSTRUMENT LOG

Project: CMS V Dates: 11.6.12 - 11.9.12

Personnel: J. Scott, W. Flammer

pH/SC/TEMP	pH/SC/TEMP	Turbidity
o YSI 556 MPS serial: ~~06C2653AK~~ o YSI 556 MPS serial: 08H100790 o HORBIA serial: WT91NSCS	o OAKTON serial: 460392 o OAKTON serial: 446654	o DRT-15CE serial 31412 o DRT-15CE serial: 31577 o DRT-15CE serial: 508249
Water Level	**Methane**	**Extra**
o Heron Dipper T : SN#08484 o Solinst: SN: 200763 o Solinst: SN: 48125 (Subtract 50 ft from initial water level)	o RKI Eagle serial: E3Z031 o RKI Eagle serial: E3Z030	o o o

pH 4.0 Lot # 2202287 pH 4.0 Exp. 01/2014 Sc 1.413 mS/cm Lot# 9710 Exp. 05/2013

pH 7.0 Lot# 2201640 pH 7.0 Exp 01/2014 Sc____ Lot# ____ Exp. ____

pH 10.0 Lot# 2202417 pH 10.0 Exp 08/2013

Date of Calibrations: 11.7.12

pH: 4.0 std. = 4.01 7.0 std. = 7.01 10.0 std. = 9.99

SC: 1.413 uS/cm = 1.413 — uS/cm = —

Turbidity: 0.02 ntu = 0.02 Methane: 50 % LEL = 51

Date of Calibrations: 11.8.12

pH: 4.0 std. = 4.08 7.0 std. = 7.00 10.0 std. = 10.06

SC: 1413 uS/cm = 1.413 mS/cm uS/cm = ____

Turbidity: 0.02 ntu = 0.02 Methane: — % LEL = —

Date of Calibrations: ____

pH: 4.0 std. = ____ 7.0 std. = ____ 10.0 std. = ____

SC: ____ uS/cm = ____ ____ uS/cm = ____

Turbidity: ____ ntu = ____ Methane: ____ % LEL = ____

Date of Calibrations: ____

pH: 4.0 std. = ____ 7.0 std. = ____ 10.0 std. = ____

SC: ____ uS/cm = ____ ____ uS/cm = ____

Turbidity: ____ ntu = ____ Methane: ____ % LEL = ____

Date of Calibrations: ____

pH: 4.0 std. = ____ 7.0 std. = ____ 10.0 std. = ____

SC: ____ uS/cm = ____ ____ uS/cm = ____

Turbidity: ____ ntu = ____ Methane: ____ % LEL = ____

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-1A

Location: Charlotte, NC

Field Representatives: J. SLOTT

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started ~~11/6/12~~ 11/7/12 0809

One Well Volume (Gal) 1.47

DTW (Depth to Water), Feet: 10.56

Total Volume) Purged (Gal) 5.00

BOC (Bottom of Casing) Feet: 19.60

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 14.45

Weather: COLD & CLEAR

Date / Time Completed: ~~11/6/12~~ 11/7/12 0833

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
0809	0.33/65	0	6.60	862	15.2	2.03	3.21	10.56
0816	0.33/75	1.47	6.57	850	16.3	5.12	1.56	12.35
0822	0.25/83	2.94	6.83	887	17.5	3.73	1.05	14.12
0830	0.15/89	4.42	6.80	892	17.8	4.16	1.03	14.36
0833	0.15/89	~5.00	6.73	890	17.7	3.21	1.01	14.40

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	4

COMMENTS AND OBSERVATIONS: CLEAR ; NO ODOR

TOP OF PUMP 17.78

NEW BOC 19.60' (PULLED PUMP)

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: ~~11/6/12~~ 11/7/12

By: J. Scott

Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-1B

Location: Charlotte, NC

Field Representatives: J. SCOTT

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started ~~11/6/12~~ 11/7/12 0841

One Well Volume (Gal) 3.71

DTW (Depth to Water), Feet: 12.63

Total Volume) Purged (Gal) 11.60

BOC (Bottom of Casing) Feet: 35.40

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 17.50

Weather: SUNNY ; COLD

Date / Time Completed: ~~11/6/12~~ 11/7/12 0954

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
0841	0.2/200	0	6.73	599	16.9	1.12	0.96	16.09
0900	0.15/205	3.71	6.70	607	17.3	1.03	0.87	17.00
0925	0.15/205	7.42	6.60	603	18.5	1.56	0.21	17.45
0951	0.15/205	11.13	6.53	597	18.7	1.21	0.30	17.45
0954	0.15/205	11.60	6.57	593	18.7	1.05	0.28	17.50

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	1- 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	4 Total
X	X	

COMMENTS AND OBSERVATIONS: CLEAR NO ODOR
PUMP WOULD NOT PURGE FASTER THAN .20 GPM
TOP OF PUMP - 31.24

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: ~~11/6/12~~ 11/7/12

By: J Scott

Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: ~~MW-2BA~~ MW - 2A WF 11/6/12

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.6.12 @ 1635

One Well Volume (Gal) .92

DTW (Depth to Water), Feet: 11.0

Total Volume) Purged (Gal) 3.6

BOC (Bottom of Casing) Feet: 16.65

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 11.80

Weather: Cold, Overcast, Windy

Date / Time Completed: 11.6.12 @ 1653

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1635	.18/75	0	6.10	728	16.95	.17	3.40	11.56
1640	.2	1	6.17	731	17.74	.20	4.46	11.60
1645	.2	2	6.14	746	18.82	.20	4.04	11.60
1650	.2	3	6.13	748	18.75	.21	3.91	11.75
1653	.2	3.6	6.12	747	18.76	.21	4.23	11.80

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: Clear, no odor

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.6.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

WF 11/6/12

Facility: Charlotte Motor Speedway V LF

Sample Point ID: ~~MW-2AB~~ MW-2B

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.6.12 @ 1545

One Well Volume (Gal) 2.094

DTW (Depth to Water), Feet: 11.15

Total Volume) Purged (Gal) 7.00

BOC (Bottom of Casing) Feet: 24.00

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 13.20

Weather: Cold, Overcast, Windy

Date / Time Completed: 11.6.12 @ 1615

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1545	.25/76	0	7.75	358	15.69	.15	5.54	11.93
1554	78	2.25	6.86	374	16.95	.49	2.82	12.95
1603	78	4.5	6.56	375	17.02	.15	2.31	12.98
1612	79	6.75	6.50	374	16.98	.14	3.13	13.21
1615	79	7.00	6.50	375	17.01	.15	3.94	13.20

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	✓

COMMENTS AND OBSERVATIONS: Clear, No odor

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.6.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-10

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.8.12 @ 1152

One Well Volume (Gal) .3

DTW (Depth to Water), Feet: 23.16

Total Volume) Purged (Gal) 2.5

BOC (Bottom of Casing) Feet: 25.00

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2.0"

Water Level After Purge, Feet: 25.15

Weather: Warm, sunny, clear, light wind

Date / Time Completed: 11-8.12 @ 1208

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1152	.25/106	0	6.05	156	16.64	112	6.58	23.55
1154	.19/109	.5	6.01	157	16.79	50.7	6.80	24.95
1157	.2	1.0	6.04	155	17.3	63.7	5.87	25.0
1201		1.5	6.04	155	18.15	21.7	5.78	25.07
1205		2.0	6.05	156	18.50	12.5	6.02	25.13
1208		2.5	6.07	155	18.51	9.6	5.94	25.15

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	✓

COMMENTS AND OBSERVATIONS: Clear, no odor, one VOC vial broke upon sealing, so another was taken. Data was the same (+turb) for add'l VOC sample.

Top of Pump: 25.40

Bottom of Casing: 26.32

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.8.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-10A

Location: Charlotte, NC

Field Representatives: WS

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.8.12 @ 1245

One Well Volume (Gal) 3.14

DTW (Depth to Water), Feet: 23.70

Total Volume) Purged (Gal) 6.5

BOC (Bottom of Casing) Feet: 43.00

Was Well Purged to Dryness: ~~YES~~ YES

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 40.57

Weather: Clear, cool, sunny, light wind

Date / Time Completed: 11.8.12 @ 1318

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1245	117	0	6.75	261	15.60	.12	6.37	28.70
1255	123	3	6.87	218	17.21	2.42	3.47	36.43
1305	136	4.5	6.78	219	17.10	2.61	6.25	40.60
		Dry @ 4.5 gal (recharge for 3 mins)						
1315	136	6.0	6.78	221	18.14	.95	6.25	40.45
1318	136	6.5	6.80	217	18.63	8.66	6.52	40.57
		DRY @ 6.5 Gal						

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: Allowed to recharge for 3 mins, resumed sampling purging.

T.D: 40.60

B.C: 41.65 (PULLED PUMP)

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.8.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-11

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.7.12 @ 0922

One Well Volume (Gal) 1.38

DTW (Depth to Water), Feet: 13.53

Total Volume) Purged (Gal) 5.10

BOC (Bottom of Casing) Feet: 22.00

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 14.80

Weather: Cold, clear, sunny

Date / Time Completed: 11.7.12 @ 0946

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
0922	.19 / 34	0	6.47	455	17.83	.06	5.61	13.53
0929		1.50	6.62	447	19.85	.01	3.93	14.30
0936		3.00	6.64	445	20.47	.02	3.91	14.40
0943		4.50	6.63	450	21.16	.73	3.52	14.45
0946	.15 / 86	5.10	6.61	455	20.53	.52	3.45	14.80

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	✓

COMMENTS AND OBSERVATIONS: Clear, no odor

Top of pump: 22.58

BOC: 23.76 (PULLED PUMP)

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.7.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-12

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.7.12 @ 0826

One Well Volume (Gal) 1.71

DTW (Depth to Water), Feet: 15.50

Total Volume) Purged (Gal) 6.75

BOC (Bottom of Casing) Feet: 26.00

Was Well Purged to Dryness: No

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 17.80

Weather: Cold, Clear

Date / Time Completed: 11.7.12 @ 0853

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (S/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
0826	.25/89	0	7.02	433	13.58	.86	9.33	16.01
0833	89	1.75	6.69	440	16.45	.66	6.11	16.95
0840	90	3.50	6.68	445	17.17	.63	5.00	17.45
0847	90	5.25	6.65	447	17.47	.88	5.18	17.63
0850	90	6.00	6.64	446	17.51	.73	6.08	17.71
0853	90	6.75	6.65	446	17.55	.61	5.72	17.80

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: Clear, no odor.

Top of Pump: 25.08

Bottom of casing: 26.50 (PULLED PUMP)

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.7.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-14

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: 0 % LEL: 0

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.7.12 @ 1025

One Well Volume (Gal) .78

DTW (Depth to Water), Feet: 10.90

Total Volume) Purged (Gal) 4.0

BOC (Bottom of Casing) Feet: 15.70

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 11.96

Weather: Cool, Sunny

Date / Time Completed: 11.7.12 @ 1036

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (S/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
10.25	.10 / 72	0	6.25	593	16.83	.14	4.21	11.05
1027	.39/76	1.0	6.44	468	18.89	.58	2.21	11.61
1030	↑	2.0	6.47	462	19.05	.40	2.50	11.84
1033	|	3.0	6.46	478	18.97	.24	2.08	11.90
1036	✓	4.0	6.47	486	18.97	.63	1.93	11.96
			WF 11.7.12					

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	1- 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	4 Total
X	X	✓

COMMENTS AND OBSERVATIONS: Clear, no odor

Top of Pump: 15.70

BOC: 16.85 (PULLED PUMP)

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.7.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-14B

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.7.12 @ 1055

One Well Volume (Gal) 6.34

DTW (Depth to Water), Feet: 11.07

Total Volume) Purged (Gal) 22.5

BOC (Bottom of Casing) Feet: 50.00

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 26.92

Weather: Clear, cool, sunny, light wind

Date / Time Completed: 11.7.12 @ 1226

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (S/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1055	.1/86	0	6.62	533	17.83	1.14	2.52	13.50
1116	.5/94	6.5	6.73	544	18.22	.66	1.58	24.75
1144	.2/109	13.0	6.55	541	18.03	.86	1.67	25.63
1220	.2/112	19.5	6.50	534	17.61	1.70	1.25	26.92
1223	↓	21.0	6.53	535	17.59	2.20	1.59	26.91
1226	↓	22.5	6.54	536	WF 17.67	2.02	1.38	26.92

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	1- 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	4 Total
X	X	

COMMENTS AND OBSERVATIONS: Clear, no odor

Top of Pump: 50.89

Bottom of Casing: 52.70 (PULLED PUMP)

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.7.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-15

Location: Charlotte, NC

Field Representatives: J SCOTT

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started ~~11/6/12~~ 11/7/12 1121

One Well Volume (Gal) 3.16

DTW (Depth to Water), Feet: 10.23

Total Volume) Purged (Gal) 4.50

BOC (Bottom of Casing) Feet: 15.03

Was Well Purged to Dryness: YES

Casing Diameter, Inches: 4"

Water Level After Purge, Feet: 13.60

Weather: SUNNY ; COOL

Date / Time Completed: ~~11/6/12~~ 11/7/13 1147

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1121	0.33/60	0	6.96	596	14.9	3.57	1.19	10.23
1131	0.25/60	3.16	6.53	573	15.6	4.12	1.00	13.34
1137	0.15/60	DRY @ 4.5 GAL ~~6.33~~	6.66	570	15.3	2.16	0.73	13.60
		~~11/6/12~~ ~~4.50~~						
1147	—	4.50	7.01	586	15.0	1.93	1.25	13.20

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: CLEAR ; NO ODOR

PURGED DRY @ 4.5 GALLONS

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: ~~11/6/12~~ 11/7/12

By: J Scott

Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-16

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.7.12 @ 1350

One Well Volume (Gal) .62

DTW (Depth to Water), Feet: 18.06

Total Volume) Purged (Gal) 5.0

BOC (Bottom of Casing) Feet: 21.83

Was Well Purged to Dryness: ND

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 19.80

Weather: Cool, Clear, windy, Sunny

Date / Time Completed: 11.7.12 @ 1411

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1350	.3/93	0	6.64	581	17.08	1.88	20.7	18.42
1353	.3/93	1	6.51	579	18.65	.51	9.59	18.50
1356	.3/93	2	6.60	581	19.08	1.03	4.27	18.53
1401	.3/95	3	6.59	582	20.39	1.05	2.55	19.45
1404	.2/96	4	6.53	581	19.14	2.01	3.03	19.73
1407	.2/96	4.5	6.58	583	19.98	1.61	3.11	19.80
1411	.2/96	5.0	6.57	587	19.83	1.42	3.52	19.80

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	✓

COMMENTS AND OBSERVATIONS: Clear, no odor

Top of Pump: 21.85

BoC: 29.05 (PULLED PUMP AFTER SAMPLING)

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.7.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-17

Location: Charlotte, NC

Field Representatives: DR WFBJ

Sample Matrix: Groundwater

Gascope Reading:% Gas: 1.75 % LEL: 35

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10/30/12 1100

One Well Volume (Gal) 9.01

DTW (Depth to Water), Feet: 14.20

Total Volume) Purged (Gal) 27.50

BOC (Bottom of Casing) Feet: 24

Was Well Purged to Dryness: No

Casing Diameter, Inches: 4"

Water Level After Purge, Feet: 26.81

Weather: OVERCAST 46°F

Date / Time Completed: 10/30/12 1142

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (S/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)
1100	0.6369	0	6.34	372	15.7	1.40	0.00
1115	0.6389	9.50	6.04	369	16.7	1.33	0.00
1130	0.6391	18.50	5.99	375	16.7	1.16	0.00
1142	↓ 94	27.50	5.96	376	16.9	1.70	0.00

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	4

COMMENTS AND OBSERVATIONS: Clear, No Odor

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10/30/12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-17A

Location: Charlotte, NC

Field Representatives: DR WEBJ

Sample Matrix: Groundwater

Gascope Reading:% Gas: 2.4 % LEL: 48

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10/30/12 1325

One Well Volume (Gal) 17.14

DTW (Depth to Water), Feet: 13.75

Total Volume) Purged (Gal) 51.75

BOC (Bottom of Casing) Feet: 40.00

Was Well Purged to Dryness: No

Casing Diameter, Inches: 4"

Water Level After Purge, Feet: 20.25

Weather: OVERCAST 48°F

Date / Time Completed: 10/30/12 1414

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)
1325	195	0	6.35	642	15.3	1.25	0.00
1347	100	17.25	6.31	626	15.7	1.00	0.00
1400	117	34.50	6.31	585	16.1	1.66	0.00
1414	120	51.75	6.26	570	16.1	1.35	0.00

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: CLEAR, FAINT ODOR

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10/30/12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-18A

Location: Charlotte, NC

Field Representatives: BJ NF

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10.30.12 @ 1439

One Well Volume (Gal) 1.4

DTW (Depth to Water), Feet: 19.46

Total Volume) Purged (Gal) 6.0

BOC (Bottom of Casing) Feet: 28.00

Was Well Purged to Dryness: ~~21.54~~ No

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 21.54

Weather: Cold, Cloudy, Windy

Date / Time Completed: 10.30.12 @ 1456

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1439	.5/95	0	6.00	1377	20.35	.80	1.17	20.20
1442		1.5	6.01	1361	20.93	1.08	1.17	20.68
1446		3.0	5.94	1324	21.00	1.10	1.17	21.06
1452		4.5	5.99	1203	20.96	1.12	1.15	21.12
1456		6.0	6.00	1168	21.03	1.10	1.14	21.54

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	WF

COMMENTS AND OBSERVATIONS: Clear, no odor

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10/30/12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-18AR

Location: Charlotte, NC

Field Representatives: J. SCOTT

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11/6/12 1556

One Well Volume (Gal) 3.06

DTW (Depth to Water), Feet: 26.73

Total Volume) Purged (Gal) 4.5 GAL

BOC (Bottom of Casing) Feet: 45.55

Was Well Purged to Dryness: YES

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 39.51

Weather: OVERCAST ; COLD

Date / Time Completed: 11/6/12 1633

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1556	0.33 /122	0	7.12	427	17.1	7.12	1.46	29.53
1608	0.33/122	3.06	6.99	412	16.9	4.56	1.27	29.73
1616	0.33/122	DRY @ 3.5	6.89	393	17.0	2.73	1.31	31.32
1627	0.33/122	4.0	6.83	378	17.4	2.21	1.12	39.27
1633	0.33/122	4.5	6.87	396	17.5	1.57	0.93	39.53
		DRY AGAIN						JS 11/6/12

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: PURGED DRY @ 3.5 GALLONS
LET RECHARGE AND PURGED AGAIN
CLEAR ; NO ODOR
TOP OF PUMP
39.33

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11/6/12 By: J Scott Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: ~~MW-18AR~~ AS 11/9/12 MW-18R

Location: Charlotte, NC

Field Representatives: J. SLOTT

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: ~~Grundfos Redi-flo 2~~ BAILED

Dedicated: (Yes)

Date / Started 11/8/12 1120

One Well Volume (Gal) 0.61

DTW (Depth to Water), Feet: 23.10

Total Volume) Purged (Gal) 0.75

BOC (Bottom of Casing) Feet: 26.90

Was Well Purged to Dryness: YES

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 23.90 T.O.P.

Weather: SUNNY, COLD

Date / Time Completed: 11/9/12 0736

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1111	—	0	6.12	1003	17.0	916	6.21	—
1115	—	0.61	5.86	961	16.9	783	17.31	—
1120	—	DRY @	5.93	853	17.3	656	12.56	—
		0.75 GALLONS						

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: CLOUDY; ORANGE — BAILED PUMPED DRY @ 0.75 GALLONS. PULLED PUMP AFTER SEVERAL ATTEMPTS TO PURGE WATER, H_2O LEVEL BELOW TOP OF PUMP. NTU — 225 11/9/12 0736

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11/9/12 By: JSlott Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-19

Location: Charlotte, NC

Field Representatives: WF BJ

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10.30.12 @ 1111

One Well Volume (Gal) 5.94

DTW (Depth to Water), Feet: 30.99

Total Volume) Purged (Gal) 19.5

BOC (Bottom of Casing) Feet: 40

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 4"

Water Level After Purge, Feet: 31.25

Weather: Cloudy, cold, windy

Date / Time Completed: 10.30.12 @ 1150

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
11.11	.5 / 121	0	6.51	918	16.80	1.03	1.11	31.00
1123	127	6.0	6.42	870	18.07	1.03	1.10	31.60
1135	130	12.0	6.45	833	17.97	1.03	1.11	31.80
1147	130	18.0	6.47	843	17.83	1.08	1.10	31.25
1150	130	19.5	6.49	849	17.96	1.08	1.17	31.25

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: Clear, no odor

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10.30.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-19A

Location: Charlotte, NC

Field Representatives: J. SCOTT

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11/8/12 0810

One Well Volume (Gal) 28.64

DTW (Depth to Water), Feet: 30.50

Total Volume) Purged (Gal) ~89.50

BOC (Bottom of Casing) Feet: 73.90

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 4"

Water Level After Purge, Feet: 57.15

Weather: SUNNY ; COLD

Date / Time Completed: 11/8/12

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
0810	0.62/136	0	6.83	1521	17.5	3.21	2.21	30.50
0856	0.60/142	28.64	7.12	1403	17.9	1.03	0.75	39.23
0943	0.60/148	57.28	7.19	1201	18.3	1.17	0.25	46.79
1038	0.60/156	85.93	6.96	963	18.7	1.03	0.23	57.10
1041	0.60/160	~87.75	6.90	960	18.6	0.89	0.29	57.15
1044	0.60/160	~89.50	7.03	957	18.6	1.03	0.28	57.15

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	4

COMMENTS AND OBSERVATIONS: CLEAR; ODOR

BOC ~ 73.90

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11/8/12 By: J Scott Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-19AR

Location: Charlotte, NC

Field Representatives: NF BJ

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10.30.12 @ 1324

One Well Volume (Gal) 3.76

DTW (Depth to Water), Feet: 27.88

Total Volume) Purged (Gal) 5.0

BOC (Bottom of Casing) Feet: 51

Was Well Purged to Dryness: Yes

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 49.11

Weather: Cold, cloudy, windy

Date / Time Completed: 10.30.12 @ 1353

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1324	123	0	6.26	2734	16.2	.76	1.10	27.88
1345	150	4.0	6.48	2720	19.08	.74	1.07	47.20
1353	173	5.0	6.48	2629	18.97	1.07	1.07	49.11
			DRY @	5.0 Gal				

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: Cloudy, no odor. Well dry @ 1353 & 5 gal. Top of pump 49.11 feet

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10.30.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-20AR

Location: Charlotte, NC

Field Representatives: J. SCOTT

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11/6/12 1509

One Well Volume (Gal) 5.17

DTW (Depth to Water), Feet: 11.86

Total Volume) Purged (Gal) ~17.00

BOC (Bottom of Casing) Feet: 19.70

Was Well Purged to Dryness: ND

Casing Diameter, Inches: 4"

Water Level After Purge, Feet: 17.90

Weather: OVERCAST

Date / Time Completed: 11/6/12 1536

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1509	0.64	0	6.56	1063	15.4	6.39	1.56	12.31
1517	0.64	5.17	6.63	1123	14.7	4.21	3.03	14.62
1525	0.64	10.34	6.51	1173	14.3	3.97	1.37	17.21
1533	0.64	15.52	6.49	1183	14.4	2.21	1.20	17.75
1536	0.64	~17.00	6.60	1187	14.3	2.02	1.10	17.90

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: CLEAR ; SLIGHT ODOR

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11/6/12 By: J Scott Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-20B

Location: Charlotte, NC

Field Representatives: DR WF BJ

Sample Matrix: Groundwater

Gascope Reading:% Gas: 0 % LEL: 0

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10/30/12 1453

One Well Volume (Gal) 8.63

DTW (Depth to Water), Feet: 7.05

Total Volume) Purged (Gal) 23.00

BOC (Bottom of Casing) Feet: 60.00

Was Well Purged to Dryness: YES

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 60.00

Weather: OVERCAST 52°

Date / Time Completed: 10/30/12 1558

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)
1453	0.29/80	0	6.52	835	15.1	1.24	0.00
1523	0.29/139	8.75	6.50	812	15.8	1.46	0.00
1543	0.44/163	17.50	6.48	852	16.4	1.31	0.00
WELL DRY 1558	181	2	6.44	862	16.7	2.92	0.00
			WELL DRY				

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: CLEAR, NO ODOR

INCREASED Hz TO MAINTAIN FLOW AS NEEDED BETWEEN READINGS

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10/30/12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-21

Location: Charlotte, NC

Field Representatives: DRWF BJ

Sample Matrix: Groundwater

Gascope Reading:% Gas: 0 % LEL: 0

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10/30/12

One Well Volume (Gal) 0.90

DTW (Depth to Water), Feet: 14.46

Total Volume) Purged (Gal) 1.5

BOC (Bottom of Casing) Feet: 20.00

Was Well Purged to Dryness: Yes

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 19.5

Weather: Cold, Overcast

Date / Time Completed: 10/30/12 0913

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (S/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)
0849	84	0	5.83	911	14.2	51.2	0.00
0855	940	1.00	6.53	840	14.9	4.40	0.00
0903	94	1.5	WELL	DRY			
0913	95	-	6.47	827	14.8	6.20	~~6.20~~ DR 0.00

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: CLEAR, NO ODOR

LET WELL RECHARGE FOR 10 MIN + SAMPLED @ 0913

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10/30/12 By: [signature] Company: ASI

FIELD INFORMATION LOG

WF 10/30/12

Facility: Charlotte Motor Speedway V LF

Sample Point ID: ~~MW-22A~~ MW-22

Location: Charlotte, NC

Field Representatives: WF BJ

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10.30.12 @ 1025

One Well Volume (Gal) 1.2

DTW (Depth to Water), Feet: 5.60

Total Volume) Purged (Gal) 4.5

BOC (Bottom of Casing) Feet: 13

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 7.90

Weather: Cloudy, cold, windy

Date / Time Completed: 10.30.12 @ 1041

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (S/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1025	62	0	6.88	695	20.12	1.06	0.24	5.60
1031	↓	1.5	6.92	699	20.24	1.11	0.31	7.65
1035		3.0	6.92	695	20.31	1.11	0.27	7.65
1041		4.5	6.91	698	20.29	.93	0.27	7.90

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: Clear, no odor

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10.30.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-22 A

Location: Charlotte, NC

Field Representatives: WF BS

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10.30.12

One Well Volume (Gal) 3.12

DTW (Depth to Water), Feet: 6.85

Total Volume) Purged (Gal) 9

BOC (Bottom of Casing) Feet: 26

Was Well Purged to Dryness: No

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 12.41

Weather: Overcast, Cold, Windy

Date / Time Completed: 10.30.12 @ 1015

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
0931	69	0	6.36	1266	19.33	1.07	1.31	6.85
0944	74	3	6.45	1329	19.86	1.01	1.45	13.40
1000	78	6	6.44	1325	20.06	1.11	0.93	14.65
1015	78	9	6.43	1322	20.17	1.12	0.81	12.41

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: Clear, No odor

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10.30.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-24

Location: Charlotte, NC

Field Representatives: DR WF BJ

Sample Matrix: Groundwater

Gascope Reading:% Gas: 0 % LEL: 0

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10/30/12 0958

One Well Volume (Gal) 11.1

DTW (Depth to Water), Feet: 13.07

Total Volume) Purged (Gal) 20.0

BOC (Bottom of Casing) Feet: 30

Was Well Purged to Dryness: YES

Casing Diameter, Inches: 4"

Water Level After Purge, Feet: 30.0

Weather: COLD, OVERCAST 46°

Date / Time Completed: 10/30/12 1030

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)
0958	1.44/131	0	7.77	686	14.9	1.04	0.00
1006	1.44/131	11.5	8.80	585	16.6	2.93	1.87
1030	WELL DRY @ 20.0 GAL		8.65	646	15.4	2.72	0.53

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: 1010 PUMP STOPPED 1015 RESUMED CLEAR, NO ODOR

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10/30/12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-25

Location: Charlotte, NC

Field Representatives: WF BJ

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 10.30.12 @ 0840

One Well Volume (Gal) 7.84

DTW (Depth to Water), Feet: 9.54

Total Volume) Purged (Gal) 9

BOC (Bottom of Casing) Feet: 27.00

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 13.36

Weather: Cold, Overcast

Date / Time Completed: 10.30.12 @ 0900

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
0840	75	0	6.23	1304	19.56	1.13	1.79	9.54
0845	75	3	6.25	1348	22.50	1.15	1.83	13.15
0853	75	6	6.26	1330	23.00	1.14	.93	1329
0900	75	9	6.26	1333	23.03	1.14	1.10	1336

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: Duplicate taken here. Clear, no odor

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 10.30.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-26

Location: Charlotte, NC

Field Representatives: J. SCOTT

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started ~~11/6~~ 11/7/12 1348

One Well Volume (Gal) 0.63

DTW (Depth to Water), Feet: 17.20

Total Volume) Purged (Gal) 3.25

BOC (Bottom of Casing) Feet: 21.10

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 17.60

Weather: OVERCAST, COOL

Date / Time Completed: 11/7/12 1416

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1348	0.25/136	0	6.73	473	15.0	4.07	2.56	17.20
1353	0.15/136	0.63	6.65	425	15.3	25	1.73	17.25
1400	0.15/136	1.27	6.42	403	15.4	10	4.12	17.37
1407	0.15/140	1.90	6.43	390	15.7	7.69	3.56	17.40
1410	0.15/140	2.35	6.52	395	15.9	8.73	2.12	17.48
1413	0.15/140	2.80	6.50	387	16.0	9.12	1.96	17.60
1416	0.15/140	3.25	6.47	386	16.0	7.02	1.89	17.60

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: CLEAR, NO ODOR

TOP OF PUMP 18.20

BOTTOM OF CASING 21.10

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11/7/12 By: J Scott Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-27

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.7.12

One Well Volume (Gal) .5

DTW (Depth to Water), Feet: ~~9.750~~ WF 9.50

Total Volume) Purged (Gal) .5

BOC (Bottom of Casing) Feet: 12.50

Was Well Purged to Dryness: YES

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 9.7 (Top of Pump)

Weather: Cool, sunny, clear

Date / Time Completed:

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1454	.15/109	0	6.28	308	15.99	16.9	6.10	9.5
1457		.5	6.57	313	19.92	15.8	6.02	9.53
		WELL	DRY @	.5 Gallons				

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	1- 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	4 Total
X	X	

COMMENTS AND OBSERVATIONS: Slightly cloudy, no odor

ToP : 9.70 Metals taken 11.8.12@ 0810. NTU: 5.10

BoC : 14.90 (PULLED PUMP)

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.8.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-28

Location: Charlotte, NC

Field Representatives: J. SCOTT

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11/7/12 1440

One Well Volume (Gal) 1.92

DTW (Depth to Water), Feet: 13.42

Total Volume) Purged (Gal) 7.75

BOC (Bottom of Casing) Feet: 25.25

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 16.85

Weather: SUNNY ; COOL

Date / Time Completed: 11/7/12

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (S/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
14:40	0.25/123	0	6.53	253	16.1	2.02	2.12	13.42
1448	0.25/123	1.92	6.59	247	16.9	3.21	2.56	16.13
1456	0.25/120	3.85	6.73	233	17.0	3.77	2.03	16.75
1504	0.25/120	5.78	6.79	220	17.0	2.47	1.78	16.85
1507	0.25/120	~6.50	6.73	217	17.1	1.36	1.70	16.85
1510	0.25/120	~7.75	6.65	215	17.0	1.21	1.63	16.85

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: CLEAR, NO ODOR

TOP OF PUMP 18.03

BOTTOM OF CASING 25.25

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11/7/12 By: J Scott Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-29R

Location: Charlotte, NC

Field Representatives: J. SCOTT

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11/7/12 1541

One Well Volume (Gal) 2.11

DTW (Depth to Water), Feet: 9.97

Total Volume) Purged (Gal) 7.60

BOC (Bottom of Casing) Feet: 22.96

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 13.17

Weather: OVERCAST COOL

Date / Time Completed: 11/7/12 1612

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1541	0.25/71	0	6.57	256	14.5	27	1.73	9.97
1550	0.25/71	2.11	6.63	233	15.3	10	1.21	11.90
1558	0.2/80	4.23	6.81	247	15.7	5.12	1.19	12.50
1606	0.2/80	6.35	6.73	260	15.9	4.21	1.12	13.03
1609	0.2/85	~7.00	6.70	256	16.0	3.16	1.09	13.13
1612	0.2/85	~7.60	6.71	255	16.1	2.03	1.09	13.17

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	

COMMENTS AND OBSERVATIONS: CLEAR; NO ODOR

TOP OF PUMP – 17.95

BOC – 22.96

FB @ 1600

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11/7/12 By: J Scott Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-30R

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.7.12 @ 1545

One Well Volume (Gal) .58

DTW (Depth to Water), Feet: 29.47

Total Volume) Purged (Gal) 2.0

BOC (Bottom of Casing) Feet: 33.0

Was Well Purged to Dryness: No

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 31.30

Weather:

Date / Time Completed: 11.7.12 @ 1556

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
1545	.6/124	0	6.09	185	15.98	302	5.75	30.12
1547	.2/121	.5	6.18	182	15.93	~~5.85~~ 7.06	5.89	31.08
1550	.2/121	1	6.15	182	16.26	7.24	5.62	31.15
1553	↓	1.5	6.15	182	16.51	4.86	6.34	31.25
1556		2.0	6.15	182	16.59	4.03	6.30	31.30

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	**1-** 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	**4 Total**
X	X	✓

COMMENTS AND OBSERVATIONS: Clear, No odor

ToP: 32.00

BoC: 35.70

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.7.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-31

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: Ø

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.8.12 @ 0835

One Well Volume (Gal) 1.0 (.95 actual)

DTW (Depth to Water), Feet: 24.16

Total Volume) Purged (Gal) 4.5

BOC (Bottom of Casing) Feet: 30.00

Was Well Purged to Dryness: NO

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 25.52

Weather: Cool, sunny, clear skies

Date / Time Completed: 11.8.12 @ 0854

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (S/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
0835	101	0	6.50	148	11.44	1.40	7.17	24.50
0840	.2/115	1	6.50	147	16.32	25.80	6.26	25.50
0843	.3	2	6.51	148	17.00	17.7	7.57	25.5
0848	.2	3	6.47	147	17.10	24.1	6.60	25.51
0850	.2	3.5	6.47	147	17.23	9.87	6.50	25.51
0852	.2	4.0	6.46	148	17.20	18.6	6.70	25.51
0854	.2	4.5	6.42	147	17.21	08.23	6.80	25.52

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	1- 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	4 Total
X	X	

COMMENTS AND OBSERVATIONS: Clear, no odor

Top of Pump: 29.41

Bot. of Case: 32.85

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.8.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-32R

Location: Charlotte, NC

Field Representatives: WF

Sample Matrix: Groundwater

Gascope Reading:% Gas: Ø % LEL: 18

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started 11.8.12 @ 0946

One Well Volume (Gal) 1.0

DTW (Depth to Water), Feet: 22.20

Total Volume) Purged (Gal) 3.7

BOC (Bottom of Casing) Feet: 28.50

Was Well Purged to Dryness: No

Casing Diameter, Inches: 2"

Water Level After Purge, Feet: 25.0

Weather: Sunny, clear, cool, slight wind

Date / Time Completed: 11.8.12 @ 1017

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (S/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	WL
0940	/106	0	6.20	209	16.08	10.40	7.35	22.55
0948		1	6.36	210	18.68	3.34	3.18	24.03
0956	/109	2	6.44	211	19.57	3.58	2.64	24.93
1008		3	6.44	210	20.0	2.59	2.46	25.17
1011		3.25	6.39	210	19.99	2.84	2.69	25.17
1014	110	3.5	6.36	209	20.35	5.78	2.14	25.10
1017	111	3.7	6.36	209	20.39	5.59	2.26	25.0

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	1- 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	4 Total
X	X	2

COMMENTS AND OBSERVATIONS: Clear, no odor

ToP: 25.50

BoC: 30.50

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.8.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF
Sample Point ID: MW-33
Location: Charlotte, NC
Field Representatives: WF
Sample Matrix: Groundwater
Gascope Reading: % Gas: Ø % LEL: 44

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2
Dedicated: (Yes)
Date / Started 11.8.12 @ 1105
One Well Volume (Gal) .195 Gal
DTW (Depth to Water), Feet: 29.3
Total Volume) Purged (Gal) .3
BOC (Bottom of Casing) Feet: 30.50
Was Well Purged to Dryness: Yes
Casing Diameter, Inches: 2"
Water Level After Purge, Feet: 30.60 (Top of Pump)
Weather: Cool, clear, sunny
Date / Time Completed: 11.9.12 @ 0750
Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)	
1105	120	0	5.73	144	15.77	101	146.0	30.60
1108		.3	5.59	119	15.72	372	14.05	30.60
		WELL DRY @ .3 Gal						

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	1- 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	4 Total
X	X	✓

COMMENTS AND OBSERVATIONS: Cloudy, no odor
Top of Pump: 30.60 Metals taken: 11.9.12 @ 0750
Bottom of Casing: 32.33 NTU: 2.43

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11.9.12 By: [signature] Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF

Sample Point ID: MW-34

Location: Charlotte, NC

Field Representatives: J. SCOTT W. FLAMMER

Sample Matrix: Groundwater

Gascope Reading:% Gas: — % LEL: —

PURGE INFORMATION:

Method of Well Purge: Grundfos Redi-flo 2

Dedicated: (Yes)

Date / Started —

One Well Volume (Gal) —

DTW (Depth to Water), Feet: 30.50

Total Volume) Purged (Gal) —

BOC (Bottom of Casing) Feet: 30.50

Was Well Purged to Dryness: —

Casing Diameter, Inches: 2

Water Level After Purge, Feet: —

Weather: —

Date / Time Completed: —

Parameters: Annual ( ) Semi-Annual (X) Quarterly ( ) Monthly ( ) Other ( )

PURGE DATA:

Time	Purge Rate (gpm/Htz	Volume (Gal)	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	Dissolved Oxygen (mg/L)
		0					
		WELL DRY					
			< 1 FT. OF		WATER		
					11/9/12		

Method of Sampling: Grundfos Redi-flo 2

ANALYTE COLLECTION ORDER, CONTAINERS, PRESERVATIVES AND TESTS PERFORMED:

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC + DCDFM	1- 500mL HDPE plastic w/HNO3 NC App. I Metals + Hg + Tin	4 Total
X	X	

COMMENTS AND OBSERVATIONS:

< 1 FT OF WATER – WELL DRY

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11/09/12

By: [signature]

Company: ASI

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF
Sample Point ID: SW-1
Location: Charlotte, NC
Field Representatives: J. SCOTT
Sample Matrix: Surfacewater
Date: 11/8/12

Time	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	DO mg/L
1153	6.11	363	10.3	4.13	6.03

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC	1- 500mL HDPE plastic w/HNO3 NC App. I Metals	4 Total
X	X	

COMMENTS AND OBSERVATIONS: CLEAR, NO ODOR
NO SIGN GOOD FLOW
SAMPLED BELOW BRIDGE - DOWNSTREAM

FIELD INFORMATION LOG

Facility: Charlotte Motor Speedway V LF
Sample Point ID: SW-2
Location: Charlotte, NC
Field Representatives: J. SCOTT
Sample Matrix: Surfacewater
Date: 11/8/12

Time	pH (Std Units)	Conduct. (µS/cm)	Temp (°C)	Turbidty. (NTU's)	DO mg/L
1225	6.43	584	10.7	3.03	6.21

3 - 2 vials unpreserved , 1 vial w/ HCL NC App I VOC	1- 500mL HDPE plastic w/HNO3 NC App. I Metals	4 Total
X	X	

COMMENTS AND OBSERVATIONS: CLEAR, NO ODOR
NO SIGN LOW FLOW
SAMPLED IN APPROX. AREAR

I certify that sampling procedures were in accordance with all applicable EPA and State protocols.

Date: 11/8/12 By: [signature] Company: ASI