PERIODIC REVIEW REPORT

Former Drive & Park, Inc. Site Brownfield Cleanup Program #C314111 28 IBM Road Poughkeepsie, New York

Prepared for Avis Rent A Car System, Inc. 6 Sylvan Way Parsippany, NJ 07054



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ACRONYMS AND ABBREVIATIONS

Avis Avis Rent A Car System, Inc.

NYSDEC New York State Department of Environmental Conservation

- PRR Periodic Review Report
- SMP Site Management Plan
- UST underground storage tank

EXECUTIVE SUMMARY

The site is located at 28 IBM Road in the Town of Poughkeepsie, and is the location of a gasoline release from an underground storage tank that was first reported in 1986. Impacted soil and groundwater were found to extend onto the adjacent property to the south of the site. The site was accepted into the Brownfield Cleanup Program in 2005, and impacted soil and groundwater were excavated from the site and the adjacent property to the south in 2005 and 2006. A Certificate of Completion for the site was issued in December 2010.

Conditions of the Certificate of Completion include execution and recording of an environmental easement to restrict land use and prevent future exposure to contamination remaining at the site, and implementation of a Site Management Plan (SMP; AMEC Geomatrix 2010) for long term management of remaining contamination.

This Periodic Review Report covers the reporting period from January 1, 2010 to July 1, 2012. The site was inspected and groundwater monitoring was conducted in accordance with the SMP on May 11 and 12, 2011. Based on observations and interviews, there were no changes in use of the site and all conditions of the environmental easement were met during the reporting period. Concentrations of contaminants detected in groundwater were similar to prior sampling events.

No changes to the SMP are recommended.

1 SITE OVERVIEW

1.1 SITE LOCATION AND DESCRIPTION

The site is located at 28 IBM Road in the Town of Poughkeepsie, County of Dutchess, New York and is identified as Block 6060-4 and Lot 903139 on the Poughkeepsie Tax Map. The approximately 2.7-acre site is bounded by IBM Road to the north, commercial and residential property and a wetland to the south, commercial and residential properties to the east, and Barnegat Road to the west (see Figures 1 and 2).

The site contains one building, a two-story office building with several attached garage bays. The building is presently used by Avis Rent A Car System, Inc. (Avis) to rent, store, and wash automobiles. There are no other tenants in the building. The site is almost entirely covered by the building and associated asphalt-paved parking areas. There are several small vegetated and/or landscaped areas around the perimeter.

1.2 SITE HISTORY

A Gulf gasoline service station was located at the north end of the site from approximately 1953 to 1973, at the intersection of IBM Road and Barnegat Road (Geomatrix 2004a). Soil and groundwater investigations in the area of the former Gulf service station have not indicated soil and/or groundwater contamination resulting from the former Gulf service station.

The site was used by Drive & Park, Inc. to rent cars from approximately 1965 until it was sold to Avis in 1991. Drive & Park, Inc. operated two steel underground storage tanks (USTs) of unknown size from approximately 1965 to 1986, when the tanks were removed and a release of gasoline was reported to the New York State Department of Environmental Conservation (NYSDEC) by Drive & Park, Inc. (NYSDEC issued spill number 86-05706). In 1987, two 5,000-gallon USTs were installed in place of and at the same location as those removed in 1986.

At the time of the release, the site was owned by Broad Act Corporation and was used as a car rental facility by Drive & Park, Inc. Avis purchased the property in 1991, 5 years after the leaking UST system was removed. The two USTs installed in 1987 were removed by Avis in 1998 (see below).

Avis installed groundwater monitoring wells in 1992 and collected water samples for analysis from the wells in 1992 and 1997. Analytical data for groundwater samples collected from the monitoring wells indicated that the release had extended onto the adjacent property to the south.

In 1998, the two USTs that were installed in 1987 were removed. The 1998 removal of the two USTs was witnessed by the NYSDEC, and it was determined that there was no evidence of a release from these gasoline USTs installed in 1987, although existing soil contamination from the USTs removed in 1986 was observed. After removal of these USTs, the NYSDEC closed spill number 86-05706, although Avis was not informed of the case closure. Avis continued to monitor the site. The NYSDEC subsequently reopened the case, as discussed below.

In March 2003, Avis collected groundwater samples from eight existing monitoring wells on the site and from three monitoring wells on the adjacent property. Analytical results in groundwater were similar to previous sampling events conducted in 1992 and 1997. However, floating free product (gasoline) was found in one onsite monitoring well near the former USTs. Floating free product, other than sheen, had not previously been reported at the site.

Avis conducted high-vacuum extraction at the site from mid-April 2003 until September 2003 to recover floating free product from the impacted monitoring well. In September 2003, extraction was discontinued when measurable floating free product was no longer observed. The monitoring well was monitored at least semiannually between September 2003 and September 2005.

Upon discovery of the floating free product, Avis met with representatives from the NYSDEC in September 2003 to discuss the status of the site. NYSDEC concurred with Avis that the contamination was related to the 1986 release, and therefore, reopened spill number 86-05706. Avis conducted a soil boring investigation in November 2003, and no areas of recoverable, floating free product were located. Avis collected discrete-depth groundwater samples on the adjacent property to the south to evaluate the extent of impacted groundwater. No floating free product was observed; however, one location contained dissolved petroleum constituents. Dissolved petroleum constituents were not found to extend below the building on the adjacent property. The results of the investigation were presented to the NYSDEC in the *November 2003 Soil and Groundwater Investigation Report*, dated April 2004 (Geomatrix 2004b).

Avis applied for entry to the Brownfield Cleanup Program in April 2004 and was accepted; a Brownfield Site Cleanup Agreement was executed in July 2005.

1.3 REMEDIAL HISTORY

1.3.1 Remedial Actions

The site was remediated in accordance with the NYSDEC-approved Interim Remedial Action Work Plan dated November 2005. The following is a summary of the Remedial Actions performed at the site:

- Removal of floating free product from the surface of the water table in the area of the former Drive & Park, Inc. USTs using high vacuum extraction
- Excavation of approximately 23,900 tons of soil exceeding unrestricted use soil cleanup objectives, to depths ranging from approximately 8 to 15 ft below ground surface
- Construction and maintenance of a site cover system consisting of at least 3 ft of clean soil or an impermeable surface to prevent human exposure to remaining contaminated soil at the site
- Extraction and treatment of approximately 622,452 gallons of groundwater during excavation activities
- Placement of oxygen release compound in backfill material to enhance biodegradation of remaining petroleum hydrocarbons
- Restoration of the site and neighboring property with clean backfill, landscaping, and asphalt to pre-excavation conditions
- Execution and recording of an environmental easement to restrict land use and prevent future exposure to contamination remaining at the site
- Development and implementation of a Site Management Plan (SMP; AMEC Geomatrix 2010) for long term management of remaining contamination as required by the environmental easement, which includes plans for: 1) Institutional and Engineering Controls, 2) monitoring, and 3) reporting.

Remedial activities were completed from April to September 2003 (free product removal), and December 2005 through June 2006 (excavation, groundwater extraction, oxygen releasing compound placement, construction of the soil and asphalt components of the site cover system, and restoration).

1.3.2 Remedial Goals and Institutional and Engineering Controls

The remediation goals for the site are to prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards and to prevent human exposure to contaminants remaining in soil. In order to achieve these goals, the following Institutional and Engineering Controls were established:

Institutional Controls:

- Compliance with an environmental easement and the SMP by the Grantor and the Grantor's successors and assigns
- All Engineering Controls must be operated and maintained as specified in the SMP

- All Engineering Controls on the site must be inspected at a frequency and in a manner defined in the SMP
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP
- Data and information pertinent to management of the site must be reported at the frequency and in a manner defined in the SMP.

Engineering Controls:

- Site Cover System: Exposure to remaining contamination in soil/fill at the site is prevented by a site cover system placed over the site. It should be noted that concentrations of contaminants in soil do not exceed soil cleanup objectives for residential, restricted residential, commercial, or industrial use, or for the protection of ecological resources; the concentration of benzene in only one soil sample exceeded the soil cleanup objective for protection of groundwater. This site cover system is composed of a minimum of 3 ft of clean soil in the area of the interim remedial investigation, a concrete slab beneath the building, and asphalt pavement in the parking area.
- Monitored Natural Attenuation: Groundwater quality is monitored at selected existing onsite and offsite monitoring wells to evaluate the natural attenuation of residual benzene, toluene, ethylbenzene, and total xylenes.

The environmental easement placed on the site, as described in the SMP, enacted the following site restrictions:

- The property may only be used for commercial/industrial use provided that the long-term Engineering and Institutional Controls included in the SMP are employed.
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP.
- The use of the groundwater underlying the property is prohibited without treatment, rendering it safe for the intended use.
- The property may not be used for a higher level of use such as unrestricted use or restricted residential use without additional investigation, and possibly remediation, and amendment of the environmental easement, as approved by the NYSDEC.
- Vegetable gardens and farming on the property are prohibited.
- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: 1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, 2) nothing has occurred that impairs the ability of the controls to protect public health and the environment or that constitute a violation or

failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or in an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

There have been no changes to the selected remedy since the SMP was enacted on December 31, 2010.

2 REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

The remediation goals for the site are to prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards and to prevent human exposure to contaminants remaining in soil. As described above, the site remedy includes several Institutional and Engineering Controls. The site was inspected by David S. Averill on May 11 and 12, 2011, to confirm that the Institutional and Engineering Controls were being maintained as specified in the SMP. The findings of this inspection are summarized below.

- Environmental Easement—Based on interviews with the site manager and observations made during the site inspection, the site was used for commercial purposes only during the reporting period, groundwater at the site was not used for any purpose, and the conditions of the environmental easement were met during the reporting period.
- Site Cover—Based on interviews with the site manager and observations made during the site inspection, the site cover system was not penetrated during the reporting period and was effective in preventing human exposure to contaminants remaining in soil.
- Monitored Natural Attenuation—Site groundwater was monitored during the reporting period, as detailed in Section 4.1 of this report. Concentrations of contaminants in groundwater were similar to previous monitoring events.

Based on interviews with the site manager and observations made during the site inspection, the remedy has been successful in preventing ingestion of impacted groundwater and preventing human contact with contaminants in soil. Conditions at the site have not changed significantly during the reporting period, from January 1, 2010 to July 1, 2012. The Qualified Environmental Professional Certification and a copy of the completed Site Inspection Form for the site are included as Appendix A.

3 INSTITUTIONAL AND ENGINEERING CONTROL PLAN COMPLIANCE REPORT

As described in Section 1.3.2, Institutional and Engineering Controls are in place at the site to achieve the remedial goals of preventing human ingestion of impacted groundwater and preventing human contact with contaminants in soil.

3.1 INSTITUTIONAL CONTROLS REQUIREMENTS AND COMPLIANCE

3.1.1 Compliance with the Environmental Easement and SMP

The objective of the environmental easement is to prevent changes in site use that would interfere with the remedial goals, and this objective has been met during the review period. The site was inspected by a qualified environmental professional on May 11 and 12, 2011. Based on interviews with the site manager and observations made during the site inspection, no activities have taken place at the site that disturbed remaining contaminated material, and groundwater underlying the property has not been used for any purpose. The site has only been used for commercial purposes and has not been used for agricultural purposes (including vegetable gardening).

The SMP was prepared to institute inspection, monitoring, and reporting requirements for the site. The SMP also contains an Excavation Work Plan to establish procedures for intrusive site work that will penetrate the site cover system and encounter remaining contamination. There was no intrusive work during the reporting period that had the potential to penetrate the site cover system and encounter remaining contamination.

Based on observations made during the site inspection and interviews with the site manager, the environmental easement remains in effect and the SMP has been observed during the reporting period. No corrective measures are recommended.

3.1.2 Operation and Maintenance of Engineering Controls

Engineering Controls consist of the site cover system and the monitoring well network and are discussed in Section 3.2 below. These Engineering Controls were operated and maintained in accordance with the SMP during the reporting period.

No maintenance issues were identified and no corrective measures are recommended for the operation and maintenance of the Engineering Controls.

3.1.3 Inspection of Engineering Controls

Engineering Controls consist of the site cover system and the monitoring well network and are discussed in Section 3.2 below. These Engineering Controls were inspected on May 11 and 12, 2011, in accordance with the SMP during the reporting period.

No corrective measures are recommended relative to the inspection of the Engineering Controls.

3.1.4 Groundwater Monitoring

Groundwater monitoring is performed every five quarters at onsite and offsite monitoring wells, as established in the SMP. The objective of the groundwater monitoring is to document trends of remaining contamination in groundwater. Groundwater monitoring was conducted in May 2011 and consists of measuring depth to water in existing onsite and offsite monitoring wells and collecting groundwater samples for analysis from selected onsite and offsite monitoring wells. Groundwater sampling is described in detail in Section 4 below. Groundwater monitoring is being conducted in accordance with the SMP and no deficiencies were identified.

No corrective measures are recommended for the groundwater monitoring plan.

3.1.5 Data and Information Reporting

Reporting of data and information obtained during the reporting period consists of the Periodic Review Reports (PRRs). This PRR is the first reporting of data and information for the site since the Certificate of Completion was issued in December 2010.

No corrective measures are recommended for data and information reporting at the site.

3.2 ENGINEERING CONTROLS REQUIREMENTS AND COMPLIANCE

The completed Institutional and Engineering Controls Certification Form for the site is included in Appendix B.

3.2.1 Site Cover System

The objective of the site cover system is to prevent contact with remaining contamination at the site. The site was inspected by a qualified environmental professional on May 11 and 12, 2011. Based on interviews with the site manager and observations made during the site inspection, the asphalt cover in the parking area, the 3 ft of clean soil, and the concrete slab of the building were not disturbed during the reporting period. There was no intrusive work during the

reporting period that had the potential to penetrate the site cover system and encounter remaining contamination.

Based on observations made during the site inspection and interviews with the site manager, the site cover system remains intact and no corrective measures are recommended.

3.2.2 Monitored Natural Attenuation

The objective of monitored natural attenuation at the site is to document concentrations of benzene, toluene, ethylbenzene, and xylenes in groundwater, and to verify that the overall trend is declining. The onsite and offsite monitoring wells used in the monitoring program were inspected during the site visit in May 2011 and were found to be undamaged and functional.

As approved by the NYSDEC and discussed in the SMP, monitoring wells MW-6, MW-8, MW-9, MW-10, MW-13, and MW-111 were decommissioned during the review period. The wells were decommissioned on May 12, 2011, by Zebra Environmental, Inc., of Schenectady, New York, under oversight of a qualified environmental professional. Each well was decommissioned by grouting in place, in accordance with NYSDEC Policy CP-43: Groundwater Monitoring Well Decommissioning Policy dated November 3, 2009.

The monitoring well network used to monitor natural attenuation at the site remains functional and no corrective measures are recommended.

4 MONITORING PLAN COMPLIANCE REPORT

The monitoring plan for the site (Section 3 of the SMP) consists of monitoring groundwater and the site cover system. The frequency of monitoring, the wells monitored, and the analytical requirements are summarized in Table 1.

4.1 GROUNDWATER MONITORING

4.1.1 Groundwater Level Measurement

Water levels were measured in all onsite and offsite monitoring wells on May 11, 2011. The measurements were made to the nearest 0.01 ft using an electronic water level meter, and water level elevations were calculated by subtracting the depth-to-water measurements from the surveyed elevations of the top of corresponding well casings. No separate-phase hydrocarbons were observed in any of the wells during this monitoring event.

A potentiometric surface map is presented in Figure 2. Similar to previous monitoring events, the interpreted direction of the lateral hydraulic gradient was generally to the southwest, with a magnitude of approximately 0.01 ft/ft.

4.1.2 Groundwater Sampling and Analysis

4.1.2.1 Groundwater Sampling Procedures and Analytical Methods

Groundwater samples were collected from onsite monitoring wells MW-1, MW-201, and MW-203, and offsite monitoring wells MW-12 and MW-110. Monitoring well locations are shown in Figure 2. Groundwater samples were collected from the monitoring wells on May 11 and 12, 2011.

Prior to collecting samples, depth-to-water was measured and each well was purged using either a peristaltic pump and dedicated polyethylene tubing or a submersible pump and dedicated polyethylene tubing (4-in. well MW-1 only). The submersible pump was decontaminated before use by washing in distilled water and Alconox[®] detergent, followed by a double distilled water rinse. During purging, purge water was inspected visually and field parameters (temperature, pH, dissolved oxygen, oxidation reduction potential, and conductivity) were measured using a calibrated YSI 600 XLM water quality meter and recorded. Once the field parameters stabilized and at least four casing volumes had been purged, groundwater samples were collected using new, clean, disposable bailers and transferred into laboratory-supplied sample containers. Well MW-110 went dry during purging and was allowed to recharge to at least 80 percent of its initial water volume before sampling. The groundwater samples were labeled and stored temporarily in chilled ice chests for transport

under chain-of-custody procedures to TestAmerica of Amherst, New York, a New York State Department of Health-certified analytical laboratory. Copies of the laboratory analytical report and chain-of-custody record are included in Appendix C.

Groundwater samples collected from the five monitoring wells were analyzed for benzene, toluene, ethylbenzene, and xylenes using U.S. Environmental Protection Agency Method 8260B.

4.1.2.2 Groundwater Analytical Results

Benzene, toluene, ethylbenzene, and/or xylenes were detected in samples collected from three of the five monitoring wells sampled (MW-1, MW-12, and MW-203). A summary of the post-excavation analytical results for benzene, toluene, ethylbenzene and total xylenes in the sampled monitoring wells is presented in Table 2.

Benzene was detected in the samples collected from wells MW-1 (1.0 μ g/L), MW-12 (29 μ g/L), and MW-203 (25 μ g/L).

Toluene was detected in the samples collected from wells MW-12 ($17 \mu g/L$) and MW-203 ($1.7 \mu g/L$). Toluene was not detected at or above laboratory reporting limit in the groundwater sample from MW-1.

Ethylbenzene was detected in the samples collected from wells MW-1 (45 μ g/L), MW-12 (140 μ g/L), and MW-203 (120 μ g/L).

Total xylenes were detected in the samples collected from wells MW-1 (280 μ g/L), MW-12 (390 μ g/L), and MW-203 (26 μ g/L).

Benzene, toluene, ethylbenzene, and xylenes were not detected at or above their laboratory reporting limits ($1.0 \mu g/L$ for benzene, toluene, and ethylbenzene; $2.0 \mu g/L$ for total xylenes) in the samples collected from wells MW-110 and MW-201.

The concentration of benzene exceeded the NYSDEC groundwater quality standard in wells MW-12 and MW-201. The concentration of toluene exceeded the NYSDEC groundwater quality standard in well MW-12. The concentration of ethylbenzene exceeded the NYSDEC groundwater quality standard in wells MW-1, MW-12, and MW-203. The concentration of total xylenes exceeded the NYSDEC groundwater quality standard in wells MW-1, MW-12, and MW-203. Wells MW-1, MW-2, and MW-203 have exhibited similar concentrations in previous post-excavation sampling events.

4.2 COVER SYSTEM MONITORING

The entire cover system was inspected on May 12, 2011. The asphalt on the parking lot was in good condition and was not observed to be significantly cracked. No areas of patched asphalt were observed. The site manager stated that no work had been done on the site that penetrated the asphalt parking lot, the landscaped areas, or the slab of the building.

Based on observations made during the site inspection and interviews with the site manager, the site cover system remains intact and no deficiencies were noted.

4.3 MONITORING PLAN COMPLIANCE DISCUSSION

There were no deficiencies identified at the site during the reporting period. There are no recommendations for changes to the monitoring plan for the site.

5 OVERALL PERIODIC REVIEW REPORT CONCLUSIONS AND RECOMMENDATIONS

The site is in compliance with the SMP. No deficiencies were noted during the review period, and there are no recommendations for changes in the monitoring plan.

The next reporting period for the site is from July 1, 2012 to July 1, 2015. Site inspections and groundwater monitoring will be conducted in the summer of 2012, the fall of 2013, and the winter of 2015. The result of the site inspection and the groundwater monitoring will be reported in the PRR for the next reporting period. The next PRR will be submitted to the NYSDEC in August 2015.

6 REFERENCES

AMEC Geomatrix, Inc. 2010. Site Management Plan, Former Drive & Park, Inc. Site. December 28.

Geomatrix Consultants, Inc. 2004a. Brownfield Cleanup Program Application, Former Drive & Park, Inc. Site. April 20.

Geomatrix Consultants, Inc. 2004b. November 2003 Soil and Groundwater Investigation Report, Former Drive & Park, Inc. Site. April.

FIGURES





TABLES

Monitoring Program	Frequency	Matrix	Analysis
Groundwater Monitoring Program	Every five calendar quarters	Groundwater in three onsite wells (MW-1, MW- 201 and MW-203) and two offsite wells (MW-12 and MW-110)	Benzene, toluene, ethylbenzene, and total xylenes
		Water level measurements in all site-related wells	Depth to water
Cover System Monitoring	Every five calendar quarters	Inspect cover system	

Table 2 Summar	v of Post-Excavation	Chemical Analy	vsis Results fo	r Groundwater ^a
		Unonnoal Anal		

		Sample				
Well ID	Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes
MW-1	MW-1-062106	06/21/06	<u>10.9</u>	<u>8.6 J</u>	<u>163</u>	<u>676</u>
	MW-1-092206	09/22/06	<u>8</u>	3.1	<u>92.3</u>	<u>374</u>
	MW-1-121506	12/15/06	<u>7.7</u>	1.5	<u>25.7</u>	<u>204</u>
	MW-1-022207	02/22/07	6.8	<1.0	2.3	60.3
	MW-1-060707	06/07/07	4.6	2.4	<u>79.7</u>	804
	MW-1-092707	09/27/07	<u>7.6</u>	<1.0	<u>15.2</u>	<u>43.5</u>
	MW-1-102108	10/21/08	<u>4 J</u>	0.5 J	<u>68 J</u>	<u>130 J</u>
	MW-1-021810	02/18/10	<1.0	<1.0	<u>14</u>	<u>43</u>
	MW-1-051111	05/11/11	<u>1.0</u>	<1.0	<u>45</u>	<u>280</u>
MW-12	MW-12-062106 / DUP ^b	06/21/06	<u>313</u>	<u>166 J</u>	<u>43.2</u>	<u>1,010</u>
	MW-12-092106 / DUP ^b	09/21/06	<u>333</u>	<u>265</u>	<u>618</u>	<u>1,820</u>
	MW-12-121406 / DUP ^b	12/14/06	<u>119</u>	<u>12.4</u>	<u>235</u>	<u>312</u>
	MW-12-022207 /DUP ^b	02/22/07	<u>220 J</u>	<u>31.8</u>	<u>493 J</u>	<u>1130 J</u>
	MW-12-060707 / DUP ^b	06/07/07	<u>184</u>	<u>35.3</u>	<u>509</u>	<u>846</u>
	MW-12-027707 / DUP ^b	09/27/07	<u>337</u>	<u>99.9</u>	<u>963</u>	<u>1,570</u>
	MW-12-102108 / DUP ^b	10/21/08	<u>31 J</u>	<u>14 J</u>	<u>148 J</u>	<u>238 J</u>
	MW-12-021810 / DUP ^b	02/18/10	<u>7</u>	2.9	<u>10</u>	<u>19</u>
	MW-12-051211/DUP ^b	05/11/11	<u>29</u>	<u>17</u>	<u>140</u>	<u>390</u>
MW-110	MW-110-062106	06/21/06	<1.0	<1.0 UJ	<1.0	<3.0
	MW-110-092106	09/21/06	<1.0	<1.0	<1.0	<3.0
	MW-110-121406	12/14/06	<1.0	<1.0	<1.0	<3.0
	MW-110-022207	02/22/07	<1.0	<1.0	<1.0	<3.0
	MW-110-060707	06/07/07	<1.0	<1.0	<1.0	<3.0
	MW-110-092707	09/27/07	<1.0	<1.0	<1.0	<3.0
	MW-110-102108	10/21/08	<1	<1	<1	<2
	MW-110-021810	02/18/10	<1.0	<1.0	<1.0	<2.0
	MW-110-051111	05/11/11	<1.0	<1.0	<1.0	<2.0
MW-201	MW-201-062106	06/21/06	<u>8.7</u>	<1.0 UJ	<1.0	<3.0
	MW-201-092106	09/21/06	<1.0	<1.0	<1.0	<3.0
	MW-201-121406	12/14/06	<1.0	<1.0	<1.0	<3.0
	MW-201-022307	02/23/07	<1.0	<1.0	<1.0	<3.0
	MW-201-060607	06/06/07	<1.0	<1.0	<1.0	<3.0
	MW-201-092607	09/26/07	<1.0	<1.0	<1.0	<3.0
	MW-201-102108	10/21/08	<1	<1	<1	<2
	MW-201-021810	02/18/10	<1.0	<1.0	<1.0	<2.0
	MW-201-051111	05/11/11	<1.0	<1.0	<1.0	<2.0
MW-203	MW-203-062106	06/21/06	<u>3.1</u>	<1.0 UJ	<1.0	<u>9.6</u>
	MW-203-092106	09/21/06	<u>73.9</u>	<1.0	<1.0	<3.0
	MW-203-121406	12/14/06	<u>88.4</u>	<1.0	5.0	<u>9.4</u>
	MVV-203-022207	02/22/07	<u>94.8</u>	<1.0	<u>14</u>	<u>18.2</u>
	NIVV-203-060707	06/07/07	46.8	2.4	<u>16.4</u>	<u>12.4</u>
	IVIVV-203-092707	09/27/07	60.5	1.4	<u>65.2</u>	<3.0
	MW 202-102108	10/21/08	<u>97 J</u>	<3	2 J	3 J
	IVIVV-203-021810	02/18/10	21	<1.0 1 7	<1.0	<2.0
	IVIVY-203-031111	rde ^C	<u>20</u> 1	5	5	<u>20</u> 5
INT SDEC	Siounuwater Quality Standa	105	•	5	5	J

Notes:

bold = detected concentration

bold underlined = detected concentration exceeds water quality standard

< = compound was not detected at or above the laboratory reporting limit indicated

J = the analyte was positively identified; the associated numerical value is the estimated concentration of the analyte in the sample

NYSDEC = New York State Department of Environmental Conservation

^aAll samples analyzed using EPA Method 8260B. Concentrations in micrograms per liter (µg/L).

^bResults provided are from the duplicate sample with the highest detected concentrations.

^cNYSDEC groundwater quality standards for benzene, toluene, ethylbenzene, and total xylenes from NYSDEC, 6 NYCRR Part 703: Surface Water and Groundwater Quality Standards and Effluent Limitations, August 4 1999.

APPENDIX A

QUALIFIED ENVIRONMENTAL PROFESSIONAL CERTIFICATION AND SITE INSPECTION FORM

Qualified Environmental Professional Certification

For each Institutional or Engineering Control identified for the site, I certify that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the Institutional and Engineering Controls required by the remedial program was performed under my direction;
- The Institutional Control and/or Engineering Control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this control;
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;
- Use of the site is compliant with the Environmental Easement;
- The Engineering Control systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program;
- The information presented in this report is accurate and complete; and
- I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, David S. Averill, of Integral Consulting, Inc., at 45 Exchange Street in Portland, Maine, am certifying as Owner's Designated Site Representative for the site.
- No new information has come to my attention, including groundwater monitoring data from wells located at the site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of off-site contamination are no longer valid.

David S. Averill Senior Scientist Integral Consulting, Inc.

Site Inspection Form				
Former Drive & Park, Inc. 28 IBM Road Poughkeepsie, NY BCP #C314111	Date: MAY 12,2011 Printed Name of Inspector: DAVID AVERILL Signature: David Aller			
1. Is the site compliant with all Institutional Controls, including site usage (commercial or industrial) and groundwater restrictions (yes/no)? If no, describe: γ_{eS}				
 2. Provide a general description of site conditions. SAME 45E AS LAST SEVERAL YEARS: AVIS CAR RENTAC. I WASH BAY 5 OR & UNUSED GARAGE BAYS. SITE IS PAUD, COVERED MBUILDING OR LANDSCAPED W/SMACL WOODED AREA AT EXTREME SEVERETAST. 3. Provide a general evaluation of the condition of monitoring wells. ALL WEGS ARE IN FAIR TO GOOD CONDITION. I PUT A 45ED WELL CAP (FROM MW. BIWHICH WAS DECOMMENTIONED TODAY) ON WELL MW-1; THE OLD MW-1 CAP WAS DEFICIENT TO LOOSEN. 4. Is there any damage to the site cover (soil cover, asphalt cover and concrete cover)? If yes, describe. NO. 				
5. Has any intrusive work been conducted at the site since the last Site Inspection? If so, describe location, depth, and what was done with excavated soil. No. 4 SITE WELLS AND 2 OFF-SITE WELLS WELLS DECEMMISSIONED TODAY, NO SOL GENERATED.				
6. Identify site management activities being conducted (i.e., groundwater sampling). Decemmissioned weres Mw.6, Mw.6, MW.9, MW.10, MW.13 + Mw.111.				
7. Is site documentation as required by the Site Management Plan up to date (yes/no)? If no, describe: THIS IS THE F.RST MCNITCR INCE EVENT, BITE DOCUMENTATION WILL BE MAILED & SITE NERT WEEK,				
8. Are any changes to the monitoring program recommended? (yes/no)?				

\\Oad-fs1\doc_safe\9000s\9328\4000 REGULATORY\SMP - Dec10\Appendix I\I_Site Inspection Form.doc

APPENDIX B

INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM Enclosure 2



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



		1		Site Detai	s	Box 1	
	Site	e No.	C314111				
	Site	Name Fo	ormer Drive & Pa	ark Inc. Site			
	Site City Cou Site	Address: //Town: Po unty: Dutche Acreage:	28 IBM Road oughkeepsie ess 2.7	Zip Code: 12601-	8 ¹ 8		
	Rep	porting Peri	od: December 3	1, 2010 to July 01, 201	2		
					e.	YES	NO
	1.	Is the infor	rmation above co	rrect?	9. 9. 9.	×	
		If NO, inclu	ude handwritten a	above or on a separate	e sheet.		
	2.	Has some tax map ar	or all of the site mendment during	property been sold, su this Reporting Period	bdivided, merged, or undergo ?	one a	X
	3.	Has there (see 6NYC	been any change CRR 375-1.11(d)	e of use at the site duri ?	ng this Reporting Period		¥
	4.	Have any for or at th	federal, state, an le property during	d/or local permits (e.g. this Reporting Period	, building, discharge) been is ?	sued	.X
		lf you ans that docu	wered YES to q mentation has t	uestions 2 thru 4, inc been previously subn	lude documentation or evid hitted with this certification	dence form.	
	5.	Is the site	currently underg	bing development?			X
						Box 2	(*)
						YES	NO
	6.	Is the curr Commerci	ent site use cons ial and Industrial	istent.with the use(s) I	isted below?	X	
	7.	Are all ICs	s/ECs in place an	d functioning as desig	ned?	×	
		IF T	THE ANSWER TO DO NOT COMP	EITHER QUESTION 6 LETE THE REST OF T	OR 7 IS NO, sign and date b HIS FORM. Otherwise conti	elow and nue.	
-	AC	Corrective N	Measures Work F	lan must be submitte	d along with this form to add	ress these is	sues.
		g 84		20		4	
	Sig	nature of O	wner, Remedial P	arty or Designated Rep	resentative	Date	£.
		8					
	1						

		A A A A A A A A A A A A A A A A A A A	Box 2A
8. Has any new inform Assessment regardi	ation revealed that assumptions ng offsite contamination are no lo	made in the Qualitative Exposure onger valid?	YES NO
If you answered YE that documentation	S to question 8, include docur has been previously submitte	mentation or evidence ed with this certification form.	
 Are the assumptions (The Qualitative Exp 	in the Qualitative Exposure Ass osure Assessment must be certi	essment still valid? ified every five years)	× □
If you answered No updated Qualitative) to question 9, the Periodic R Exposure Assessment based	eview Report must include an I on the new assumptions.	
SITE NO. C314111	12 K 190		Box 3
Description of Instit	utional Controls		
Parcel 6060-4-903139	Owner Avis Rent A Car System, LLC	Institutional Control	
		Ground Water Use Res	triction
8		IC/EC Plan Landuse Restriction Monitoring Plan	
		Site Management Plan Soil Management Plan	<
			Box 4
Description of Engin	neering Controls		
Parcel	Engineering Cont	trol	
6060-4-903139	Cover System		
¥1 2*	Cover System		
3			
		. A.	
Engineering Contro	Details for Site No. C314111	a 1, 1	
Parcel: 6060-4-903139			
 The Controlled Prop (iv); 	erty may be used for: Commercia	al as described in 6 NYCRR Part	375-1.8(g)(2)
(2) All Engineering Con (SMP);	trols must be operated and main	ntained as specified in the Site Ma	nagement Plan
 (3) All Engineering Con (4) Groundwater and of SMP: 	trols must be inspected at a freq her environmental or public heal	Ith monitoring must be performed	as defined in the
(5) Data and informatio frequency and in a man	n pertinent to Site Management ner defined in the SMP;	of the Controlled Property must be	e reported at the
 (6) All future activities of conducted in accordance (7) Monitoring to asses 	in the property that will disturb re e with the SMP; s the performance and effectiver	ness of the remedy must be perfor	ust be rmed as defined
in the SMP. (8) Operation, mainten components of the remo	ance, monitoring, inspection, and edy shall be performed as define	d reporting of any mechanical or p d in the SMP.	hysical
(9) Access to the site n York with reasonable pr identified by this Environ	iust be provided to agents, emploir notice to the property owner to the property owner to mental Easement.	oyees or other representatives of to assure compliance with the res	the State of New trictions
2014 - California (California			

	Periodic Review Report (PRR) Certification Statements			
	I certify by checking "YES" below that:			
	 a) the Periodic Review report and all attachments were prepared under the direct reviewed by, the party making the certification; 	tion of,	and	
	b) to the best of my knowledge and belief, the work and conclusions described in are in accordance with the requirements of the site remedial program, and gener engineering practices; and the information presented is accurate and compete.	n this ce ally acc YES	ertificatio epted NO	on
	ж М	×		
	If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below tha following statements are true:	each In t all of t	istitutior he	nal
	(a) the Institutional Control and/or Engineering Control(s) employed at this site is the date that the Control was put in-place, or was last approved by the Departme	s uncha ent;	nged si	nce
	 (b) nothing has occurred that would impair the ability of such Control, to protect the environment; 	public h	ealth ar	nd
	 (c) access to the site will continue to be provided to the Department, to evaluate including access to evaluate the continued maintenance of this Control; 	the rer	nedy,	
	 (d) nothing has occurred that would constitute a violation or failure to comply with Management Plan for this Control; and 	h the S	ite	
	(e) if a financial assurance mechanism is required by the oversight document for mechanism remains valid and sufficient for its intended purpose established in the	r the sit	e, the ment.	
		YES	NO	
		×		
	IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.			÷
A	A Corrective Measures Work Plan must be submitted along with this form to address t	hese is	sues.	
5	Signature of Owner, Remedial Party or Designated Representative Date			
-		6 - 2000 191		
17				
	9 E E E E E E E E E E E E E E E E E E E			

Box 5

IC CERTIFICATIONS SITE NO. C314111

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I <u>ROSE</u> <u>PELINO</u> at <u>G SYLVAN WAY</u> , <u>P</u> print name print business address	ARSIPPANY, NJ.					
am certifying as AVIS RENT 4 CAR SYSTEM, LLC	(Owner or Remedial Party)					
for the Site named in the Site Details Section of this form.						
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification	11/30/12 Date					

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

AVERILL at INTEGRAL CONSULTINE INC, 45 EXCHANGE, ST me print business address PERTLANID, ME ualified Environmental Professional for the AVIS REALT A CAR System, LLC 105

am certifying as a Qualified Environmental Professional for the _

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

(Owner or Remedial Party)

11/28/2012 Date

APPENDIX C

LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY RECORD FOR GROUNDWATER SAMPLES



THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

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

TestAmerica Job ID: 480-4899-1 Client Project/Site: AVIS Rent-A-Car

For:

AMEC Earth & Environmental, Inc. 2 Robbins Road Westford, Massachusetts 01886

Attn: Mr. David Averill

andace L. Fox

Authorized for release by: 05/25/2011 03:06:46 PM

Candace Fox Project Manager II candace.fox@testamericainc.com

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, this report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature. Page 1 of 19 05/25/2011



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Sample Summary

Client: AMEC Earth & Environmental, Inc. Project/Site: AVIS Rent-A-Car

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-4899-1	MW-110-051111	Water	05/11/11 12:00	05/13/11 09:30
480-4899-2	MW-201-051111	Water	05/11/11 16:25	05/13/11 09:30
480-4899-3	MW-203-051111	Water	05/11/11 17:10	05/13/11 09:30
480-4899-4	MW-1-051211	Water	05/12/11 12:00	05/13/11 09:30
480-4899-5	MW-12-051211	Water	05/12/11 15:30	05/13/11 09:30
480-4899-6	MW-1212-051211	Water	05/12/11 15:35	05/13/11 09:30
480-4899-7	TRIP BLANK	Water	05/12/11 00:00	05/13/11 09:30

Client: AMEC Earth & Environmental, Inc. Project/Site: AVIS Rent-A-Car

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Client: AMEC Earth & Environmental, Inc. Project/Site: AVIS Rent-A-Car

no matrix shike concentration: therefore, control limits are not	
e manx spike concentration, therefore, control limits are not	5
ort.	
eight basis.	8
	9

Qualifiers GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¢	Listed under the "D" column to designate that the result is reported on a dry weight basis.

EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

1 2 3 4 5 6 7 8 9 10

Job ID: 480-4899-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-4899-1

Case Narrative

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: Due to the high concentration of taget analytes, the matrix spike / matrix spike duplicate (MS/MSD) for batch 16845 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8260B: The following samples were diluted due to the abundance of target analytes: MW-1-051211 (480-4899-4), MW-12-051211 (480-4899-5), MW-1212-051211 (480-4899-6), MW-203-051111 (480-4899-3). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

Lab Sample ID: 480-4899-1

Lab Sample ID: 480-4899-2

Lab Sample ID: 480-4899-3

Lab Sample ID: 480-4899-4

Lab Sample ID: 480-4899-5

Lab Sample ID: 480-4899-6

Client Sample ID: MW-110-051111

No Detections.

Client Sample ID: MW-201-051111

No Detections.

Client Sample ID: MW-203-051111

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	25		1.0	0.41	ug/L	1	_	8260B	Total/NA
Toluene	1.7		1.0	0.51	ug/L	1		8260B	Total/NA
Xylenes, Total	26		2.0	0.66	ug/L	1		8260B	Total/NA
Ethylbenzene - DL	120		2.0	1.5	ug/L	2		8260B	Total/NA

Client Sample ID: MW-1-051211

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.0		1.0	0.41	ug/L	1	_	8260B	Total/NA
Ethylbenzene	45		1.0	0.74	ug/L	1		8260B	Total/NA
Xylenes, Total - DL	280		4.0	1.3	ug/L	2		8260B	Total/NA

Client Sample ID: MW-12-051211

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	29		1.0	0.41	ug/L	1	_	8260B	Total/NA
Toluene	14		1.0	0.51	ug/L	1		8260B	Total/NA
Ethylbenzene - DL	130		2.0	1.5	ug/L	2		8260B	Total/NA
Xylenes, Total - DL	370		4.0	1.3	ug/L	2		8260B	Total/NA

Client Sample ID: MW-1212-051211

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	29		1.0	0.41	ug/L	1	_	8260B	Total/NA
Toluene	17		1.0	0.51	ug/L	1		8260B	Total/NA
Ethylbenzene - DL	140		2.0	1.5	ug/L	2		8260B	Total/NA
Xylenes, Total - DL	390		4.0	1.3	ug/L	2		8260B	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-4899-7

No Detections.

8 9

inent Sample ID: MW-110	-051111						Lab Sa	mple ID: 480-	4899-1	
ate Collected: 05/11/11 12:00 ate Received: 05/13/11 09:30							Matrix: Water			
Method: 8260B - Volatile Orga	unic Compounds (GC/MS)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa	
Benzene	ND		1.0	0.41	ug/L			05/20/11 16:16		
Toluene	ND		1.0	0.51	ug/L			05/20/11 16:16		
Ethylbenzene	ND		1.0	0.74	ug/L			05/20/11 16:16		
Xylenes, Total	ND		2.0	0.66	ug/L			05/20/11 16:16		
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa	
1,2-Dichloroethane-d4 (Surr)	94		66 - 137			-	•	05/20/11 16:16		
Toluene-d8 (Surr)	95		71 - 126					05/20/11 16:16		
4-Bromofluorobenzene (Surr)	98		73 - 120					05/20/11 16:16		
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30	-051111						Lab Sa	mple ID: 480- Matrix	4899-2 <: Wate	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga	-051111 nic Compounds (GC/MS) Qualifier	RL	MDL	Unit		Lab Sa	mple ID: 480- Matrix	4899-2 c: Wate	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga Analyte Benzene	-051111 nnic Compounds (Result ND	GC/MS) Qualifier	RL 1.0	MDL 0.41	Unit ug/L	D	Lab Sa Prepared	mple ID: 480- Matrix	4899-2 c: Wate	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga Analyte Benzene Toluene	-051111 nnic Compounds (Result ND	GC/MS) Qualifier	RL 1.0 1.0	MDL 0.41 0.51	Unit ug/L ug/L	D	Lab Sa Prepared	mple ID: 480- Matrix	4899-2 c: Wate	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga Analyte Benzene Toluene Ethylbenzene	-051111 mic Compounds (Result ND ND ND	GC/MS) Qualifier	RL 1.0 1.0 1.0	MDL 0.41 0.51 0.74	Unit ug/L ug/L ug/L	<u>D</u>	Lab Sa Prepared	Matrix Matrix <u>Analyzed</u> 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41	4899-2 c: Wate	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga Analyte Benzene Toluene Ethylbenzene Xylenes, Total	-051111 nic Compounds (Result ND ND ND	GC/MS) Qualifier	RL 1.0 1.0 1.0 2.0	MDL 0.41 0.51 0.74 0.66	Unit ug/L ug/L ug/L ug/L	D	Lab Sa Prepared	Analyzed 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41	4899-/ c: Wate	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surrogate	-051111 mic Compounds (Result ND ND ND ND ND	GC/MS) Qualifier Qualifier	RL 1.0 1.0 1.0 2.0 Limits	MDL 0.41 0.51 0.74 0.66	Unit ug/L ug/L ug/L ug/L	<u>D</u>	Lab Sa Prepared Prepared	Analyzed 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41	4899-2 c: Wate Dil Fa	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr)	-051111 mic Compounds (Result ND ND ND ND ND ND 96	GC/MS) Qualifier Qualifier	RL 1.0 1.0 2.0 Limits 66 - 137	MDL 0.41 0.51 0.74 0.66	Unit ug/L ug/L ug/L ug/L	D	Lab Sa Prepared Prepared	Analyzed 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41	4899-/ c: Wate Dil Fa Dil Fa	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr)	-051111 mic Compounds (Result ND ND ND ND ND ND 96 96	GC/MS) Qualifier Qualifier	RL 1.0 1.0 1.0 2.0 Limits 66 - 137 71 - 126	MDL 0.41 0.51 0.74 0.66	Unit ug/L ug/L ug/L ug/L	<u>D</u>	Lab Sa Prepared	Analyzed 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41	4899-; c: Wate 	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr)	-051111 mic Compounds (Result ND ND ND ND ND ND 96 96 98	GC/MS) Qualifier Qualifier	RL 1.0 1.0 2.0 Limits 66 - 137 71 - 126 73 - 120	MDL 0.41 0.51 0.74 0.66	Unit ug/L ug/L ug/L ug/L	D	Lab Sa Prepared	Analyzed 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41	4899-; c: Wate Dil Fa Dil Fa	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr)	-051111 mic Compounds (Result ND ND ND ND ND ND ND 96 96 98 -051111	GC/MS) Qualifier Qualifier	RL 1.0 1.0 2.0 Limits 66 - 137 71 - 126 73 - 120	MDL 0.41 0.51 0.74 0.66	Unit ug/L ug/L ug/L ug/L	<u>D</u>	Lab Sa	Analyzed 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41	4899-2 c: Wate Dil Fa Dil Fa 4899-3	
Client Sample ID: MW-201 ate Collected: 05/11/11 16:25 ate Received: 05/13/11 09:30 Method: 8260B - Volatile Orga Analyte Benzene Toluene Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Client Sample ID: MW-203 ate Collected: 05/11/11 17:10	-051111 mic Compounds (ND ND ND ND ND ND ND ND ND ND ND ND ND	GC/MS) Qualifier Qualifier	RL 1.0 1.0 2.0 Limits 66 - 137 71 - 126 73 - 120	MDL 0.41 0.51 0.74 0.66	Unit ug/L ug/L ug/L ug/L	D	Lab Sa Prepared Prepared	Analyzed 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41 05/20/11 16:41	4899-2 <: Wate Dil Fa Dil Fa 4899-3 <: Wate	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	25		1.0	0.41	ug/L			05/20/11 17:06	1
Toluene	1.7		1.0	0.51	ug/L			05/20/11 17:06	1
Xylenes, Total	26		2.0	0.66	ug/L			05/20/11 17:06	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)			66 - 137			-		05/20/11 17:06	1
Toluene-d8 (Surr)	95		71 - 126					05/20/11 17:06	1
4-Bromofluorobenzene (Surr)	102		73 - 120					05/20/11 17:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	120		2.0	1.5	ug/L			05/21/11 16:03	2
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137			-		05/21/11 16:03	2
Toluene-d8 (Surr)	97		71 _ 126					05/21/11 16:03	2
4-Bromofluorobenzene (Surr)	104		73 - 120					05/21/11 16:03	2

Date Collected: 05/12/11 12:00	1211						Lab Sa	-mple ID: 480 Matrix	4899-4 (: Wate
Date Received: 05/13/11 09:30									
_									
Method: 8260B - Volatile Organ	nic Compounds ((GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	1.0		1.0	0.41	ug/L			05/20/11 17:31	
Toluene	ND		1.0	0.51	ug/L			05/20/11 17:31	
Ethylbenzene	45		1.0	0.74	ug/L			05/20/11 17:31	
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)	95		66 - 137			-		05/20/11 17:31	
Toluene-d8 (Surr)	96		71 - 126					05/20/11 17:31	
4-Bromofluorobenzene (Surr)	104		73 - 120					05/20/11 17:31	
Mathada 0000D Malatila Orma									
Method: 8260B - Volatile Organ	nic Compounds ((GC/MS) - D	L	МП	11		Dramarad	Analyzad	
	Result	Quaimer		1.2		D	Prepared	Analyzeu	
Xylenes, l'otal	280		4.0	1.5	ug/L			05/21/11 10.20	
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1,2-Dichloroethane-d4 (Surr)	93		66 - 137			-		05/21/11 16:28	
Toluene-d8 (Surr)	94		71 - 126					05/21/11 16:28	
4-Bromofluorobenzene (Surr)	103		73 - 120					05/21/11 16:28	
Client Sample ID: MW-12-0	51211						Lab Sa	mple ID: 480-	4899-
Date Collected: 05/12/11 15:30								Matrix	c: Wate
Date Received: 05/13/11 09:30									
-									
 Method: 8260B - Volatile Orga	nic Compounds ((GC/MS)							
Method: 8260B - Volatile Organ Analyte	nic Compounds (Result	(GC/MS) Qualifier	RL	MDL	Unit	<u>D</u>	Prepared	Analyzed	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene	nic Compounds (Result 29	GC/MS) Qualifier	RL 1.0	MDL 0.41	Unit ug/L	<u>D</u>	Prepared	Analyzed	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene	nic Compounds (Result 29 14	(GC/MS) Qualifier	RL 1.0	MDL 0.41 0.51	Unit ug/L ug/L	<u>D</u>	Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate	nic Compounds (Result 29 14 % Recovery	GC/MS) Qualifier Qualifier	RL 1.0 1.0 <i>Limits</i>	MDL 0.41 0.51	Unit ug/L ug/L	<u> </u>	Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 Analyzed	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr)	nic Compounds (GC/MS) Qualifier Qualifier	RL 1.0 1.0 <u>Limits</u> 66 - 137	MDL 0.41 0.51	Unit ug/L ug/L	D	Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 Analyzed 05/20/11 17:56	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr)	nic Compounds (Result 29 14 % Recovery 100 96	Qualifier	RL 1.0 1.0 <u>Limits</u> 66 - 137 71 - 126	MDL 0.41 0.51	Unit ug/L ug/L	<u> </u>	Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 Analyzed 05/20/11 17:56 05/20/11 17:56	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr)	nic Compounds (Result 29 14 % Recovery 100 96 104	(GC/MS) Qualifier Qualifier	RL 1.0 1.0 66 - 137 71 - 126 73 - 120	MDL 0.41 0.51	Unit ug/L ug/L	<u> </u>	Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 <i>Analyzed</i> 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr)	nic Compounds (Result 29 14 % Recovery 100 96 104	Qualifier	RL 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120	MDL 0.41 0.51	Unit ug/L ug/L	<u> </u>	Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Qualifier Qualifier Qualifier	RL 1.0 1.0 <i>Limits</i> 66 - 137 71 - 126 73 - 120 L	MDL 0.41 0.51	Unit ug/L ug/L	<u> </u>	Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result	Qualifier Qualifier	RL 1.0 1.0 <i>Limits</i> 66 - 137 71 - 126 73 - 120 L RL RL	MDL 0.41 0.51	Unit ug/L ug/L Unit	D	Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 <i>Analyzed</i> 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130	(GC/MS) Qualifier Qualifier (GC/MS) - D Qualifier	RL 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L RL 2.0	MDL 0.51 MDL 1.5	Unit ug/L ug/L Unit ug/L	<u>D</u>	Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 <i>Analyzed</i> 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 Analyzed 05/21/11 16:52	Dil Fa Dil Fa Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370	(GC/MS) Qualifier Qualifier (GC/MS) - D Qualifier	RL 1.0 1.0 1.0 1.0 Limits 66 - 137 71 - 126 73 - 120 L 2.0 4.0	MDL 0.41 0.51 MDL 1.5 1.3	Unit ug/L ug/L Unit ug/L ug/L	D	Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/21/11 16:52 05/21/11 16:52	Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene <i>Surrogate</i> 1, 2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total Surrogate	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery	(GC/MS) Qualifier Qualifier (GC/MS) - D Qualifier Qualifier	RL 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L RL 2.0 4.0 Limits	MDL 0.41 0.51 MDL 1.5 1.3	Unit ug/L ug/L Unit ug/L ug/L	<u>D</u>	Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 <i>Analyzed</i> 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/21/11 16:52 05/21/11 16:52 <i>Analyzed</i>	Dil Fa Dil Fa Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene 3 3 3 4-Bromofluorobenzene (Surr) 4-Bromofluorobenzene (Surr) 3 4-Bromofluorobenzene (Surr) 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96	Qualifier Qualifier Qualifier GC/MS) - D Qualifier Qualifier	RL 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L RL 2.0 4.0 Limits 66 - 137	MDL 0.41 0.51 MDL 1.5 1.3	Unit ug/L ug/L Unit ug/L ug/L	D	Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 <i>Analyzed</i> 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/21/11 16:52 05/21/11 16:52 <i>Analyzed</i> 05/21/11 16:52	Dil Fa Dil Fa Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene 3 3 3 4-Bromofluorobenzene (Surr) 4-Bromofluorobenzene (Surr) 4 4 4 4 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97	Qualifier Qualifier GC/MS) - D Qualifier Qualifier	RL 1.0 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L 2.0 4.0 Limits 66 - 137 71 - 126	MDL 0.41 0.51 MDL 1.5 1.3	Unit ug/L ug/L Unit ug/L ug/L	<u>D</u>	Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 <i>Analyzed</i> 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52	Dil Fa Dil Fa Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr)	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97 106	(GC/MS) Qualifier Qualifier (GC/MS) - D Qualifier Qualifier	RL 1.0 1.0 1.0 1.0 Limits 66 - 137 71 - 126 73 - 120 L 2.0 4.0 Limits 66 - 137 71 - 126 73 - 120	MDL 0.51 MDL 1.5 1.3	Unit ug/L ug/L ug/L ug/L	D	Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 Analyzed 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52	Dil Fa Dil Fa Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene 3.2.7.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97 106	(GC/MS) Qualifier Qualifier (GC/MS) - D Qualifier Qualifier	RL 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L Climits 66 - 137 4.0 Limits 66 - 137 71 - 126 73 - 120	MDL 0.41 0.51 MDL 1.5 1.3	Unit ug/L ug/L Unit ug/L ug/L	<u>D</u>	Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 <i>Analyzed</i> 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52	Dil Fa Dil Fa Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr)	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97 106 2-051211	(GC/MS) Qualifier Qualifier (GC/MS) - D Qualifier Qualifier	RL 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L 2.0 4.0 Limits 66 - 137 71 - 126 73 - 120	MDL 0.41 0.51 MDL 1.5 1.3	Unit ug/L ug/L ug/L ug/L	D	Prepared Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 <i>Analyzed</i> 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 <i>Analyzed</i> 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52	Dil Fa Dil Fa Dil Fa Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Client Sample ID: MW-1212 Date Collected: 05/12/11 15:35	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97 106 2-051211	(GC/MS) Qualifier Qualifier (GC/MS) - D Qualifier	RL 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L 2.0 4.0 Limits 66 - 137 71 - 126 73 - 120	MDL 0.41 0.51 MDL 1.5 1.3	Unit ug/L ug/L ug/L ug/L	D	Prepared Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 Analyzed 05/21/11 16:52 05/21/11 1	Dil Fa Dil Fa Dil Fa Dil Fa 4899- c: Wate
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Client Sample ID: MW-1212 Date Collected: 05/12/11 15:35 Date Received: 05/13/11 09:30	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97 106 2-051211	(GC/MS) Qualifier Qualifier (GC/MS) - D Qualifier Qualifier	RL 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L 2.0 4.0 Limits 66 - 137 71 - 126 73 - 120	MDL 0.51 MDL 1.5 1.3	Unit ug/L ug/L ug/L ug/L	D	Prepared Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/21/11 16:52 05/21/11 16:52 05/2	Dil Fa Dil Fa Dil Fa Dil Fa 4899- c: Wate
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Client Sample ID: MW-1212 Date Collected: 05/12/11 15:35 Date Received: 05/13/11 09:30	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97 106 2-051211	GC/MS) Qualifier Qualifier Qualifier Qualifier	RL 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L 2.0 4.0 Limits 66 - 137 71 - 126 73 - 120	MDL 0.41 0.51 MDL 1.5 1.3	Unit ug/L ug/L ug/L ug/L	D	Prepared Prepared Prepared Lab Sa	Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/21/11 16:52 05/21/11 16:52 05/2	Dil Fa Dil Fa Dil Fa Dil Fa 4899- c: Wate
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Client Sample ID: MW-1212 Date Collected: 05/12/11 15:35 Date Received: 05/13/11 09:30 Method: 8260B - Volatile Organ Analyte	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97 106 2-051211 nic Compounds (Result	(GC/MS) Qualifier (GC/MS) - D Qualifier Qualifier	RL 1.0 1.0 66 - 137 71 - 126 73 - 120 L 2.0 4.0 Limits 66 - 137 71 - 126 73 - 120 Limits 66 - 137 71 - 126 73 - 120	MDL 0.51 MDL 1.5 1.3 MDL	Unit ug/L ug/L ug/L ug/L ug/L	D	Prepared Prepared Prepared Lab Sa	Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 Analyzed 05/21/11 16:52 05/21/11 1	Dil Fa Dil Fa Dil Fa Dil Fa 4899-1 (: Wate Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Client Sample ID: MW-1212 Date Collected: 05/12/11 15:35 Date Received: 05/13/11 09:30 Method: 8260B - Volatile Organ Analyte Benzene	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97 106 2-051211 nic Compounds (Result 29	(GC/MS) Qualifier Qualifier (GC/MS) - D Qualifier Qualifier	RL 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L 2.0 4.0 Limits 66 - 137 71 - 126 73 - 120 Limits 66 - 137 71 - 126 73 - 120	MDL 0.41 0.51 MDL 1.5 1.3 MDL 0.41	Unit ug/L ug/L ug/L ug/L	D	Prepared Prepared Prepared Lab Sa	Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 Analyzed 05/21/11 16:52 05/21/11 17:56 05/21/11 16:52 05/21/11 1	Dil Fa Dil Fa Dil Fa Dil Fa 4899- (: Wate Dil Fa
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Client Sample ID: MW-1212 Date Collected: 05/12/11 15:35 Date Received: 05/13/11 09:30 Method: 8260B - Volatile Organ Analyte Benzene Toluene	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97 106 2-051211 nic Compounds (Result 29 17	(GC/MS) Qualifier Qualifier (GC/MS) - D Qualifier Qualifier	RL 1.0 1.0 66 - 137 71 - 126 73 - 120 L 2.0 4.0 Limits 66 - 137 71 - 126 73 - 120 L 66 - 137 71 - 126 73 - 120 RL 1.0 1.0 1.0	MDL 0.41 0.51 1.5 1.3 MDL 0.41 0.51	Unit ug/L ug/L ug/L ug/L ug/L ug/L ug/L	D	Prepared Prepared Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 19:52 Matrix	Dil Fa Dil Fa Dil Fa Dil Fa A899- c: Wate
Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Method: 8260B - Volatile Organ Analyte Ethylbenzene Xylenes, Total Surrogate 1,2-Dichloroethane-d4 (Surr) Toluene-d8 (Surr) 4-Bromofluorobenzene (Surr) Client Sample ID: MW-1212 Date Collected: 05/12/11 15:35 Date Received: 05/13/11 09:30 Method: 8260B - Volatile Organ Analyte Benzene Toluene Surrogate	nic Compounds (Result 29 14 % Recovery 100 96 104 nic Compounds (Result 130 370 % Recovery 96 97 106 2-051211 nic Compounds (Result 29 17 % Recovery	(GC/MS) Qualifier Qualifier Qualifier Qualifier	RL 1.0 1.0 1.0 1.0 66 - 137 71 - 126 73 - 120 L 2.0 4.0 Limits 66 - 137 71 - 126 73 - 120 Limits 66 - 137 71 - 126 73 - 120 RL 1.0 1.0 1.0 1.0 1.0 1.0	MDL 0.41 0.51 1.5 1.3 MDL 0.41 0.51	Unit ug/L ug/L ug/L ug/L ug/L ug/L ug/L	D	Prepared Prepared Prepared Prepared Prepared Prepared	Analyzed 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 05/20/11 17:56 Analyzed 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 16:52 05/21/11 19:10 05/20/11 19:10 05/20/11 19:10 05/20/11 19:10 05/20/11 19:10	Dil Fa Dil Fa Dil Fa Dil Fa 4899- (: Wate Dil Fa

Client Sample ID: MW-1212-051211

Date Collected: 05/12/11 15:35

Date Received: 05/13/11 09:30

Method: 8260B - V	/olatile Organic	Compounds	(GC/MS) (Continued)
			V

Surrogate	% Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		71 - 126	—		05/20/11 19:10	1
4-Bromofluorobenzene (Surr)	108		73 - 120			05/20/11 19:10	1

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	140		2.0	1.5	ug/L			05/21/11 17:17	2
Xylenes, Total	390		4.0	1.3	ug/L			05/21/11 17:17	2
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		66 - 137			-		05/21/11 17:17	2
Toluene-d8 (Surr)	98		71 _ 126					05/21/11 17:17	2
4-Bromofluorobenzene (Surr)	107		73 - 120					05/21/11 17:17	2

Client Sample ID: TRIP BLANK

Date Collected: 05/12/11 00:00 Date Received: 05/13/11 09:30

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Method: 8260B - Volatile Organi	c Compounds ((GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/21/11 15:38	1
Toluene	ND		1.0	0.51	ug/L			05/21/11 15:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/21/11 15:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/21/11 15:38	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		66 - 137			-		05/21/11 15:38	1
Toluene-d8 (Surr)	96		71 _ 126					05/21/11 15:38	1
4-Bromofluorobenzene (Surr)	99		73 - 120					05/21/11 15:38	1

Lab Sample ID: 480-4899-6

Lab Sample ID: 480-4899-7

Matrix: Water

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) Matrix: Water

-				Percent Sur
		12DCE	TOL	BFB
Lab Sample ID	Client Sample ID	(66-137)	(71-126)	(73-120)
480-4899-1	MW-110-051111	94	95	98
480-4899-2	MW-201-051111	96	96	98
480-4899-3	MW-203-051111	101	95	102
480-4899-3 - DL	MW-203-051111	95	97	104
480-4899-4	MW-1-051211	95	96	104
480-4899-4 - DL	MW-1-051211	93	94	103
480-4899-5	MW-12-051211	100	96	104
480-4899-5 - DL	MW-12-051211	96	97	106
480-4899-5 MS	MW-12-051211	102	97	107
480-4899-5 MSD	MW-12-051211	98	98	107
480-4899-6	MW-1212-051211	100	98	108
480-4899-6 - DL	MW-1212-051211	94	98	107
480-4899-7	TRIP BLANK	92	96	99
LCS 480-16845/3	LCS 480-16845/3	94	98	101
LCS 480-16994/3	LCS 480-16994/3	89	98	103
MB 480-16845/4	MB 480-16845/4	95	96	97
MB 480-16994/4	MB 480-16994/4	91	97	103
Surrogate Legend				
12DCE = 1,2-Dichloroeth	nane-d4 (Surr)			

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TestAmerica Job ID: 480-4899-1

Prep Type: Total/NA

1 2 3 4 5 6 7 8 9 10 11

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-16845/4 Matrix: Water Analysis Batch: 16845							Client San	nple ID: MB 480- Prep Type: T	16845/4 otal/NA
····· , ··· ····	МВ	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0	0.41	ug/L			05/20/11 11:28	1
Toluene	ND		1.0	0.51	ug/L			05/20/11 11:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/20/11 11:28	1
m-Xylene & p-Xylene	ND		2.0	0.66	ug/L			05/20/11 11:28	1
o-Xylene	ND		1.0	0.76	ug/L			05/20/11 11:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/20/11 11:28	1
	МВ	МВ							
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		66 - 137			-		05/20/11 11:28	1
Toluene-d8 (Surr)	96		71 - 126					05/20/11 11:28	1
4-Bromofluorobenzene (Surr)	97		73 - 120					05/20/11 11:28	1
Lab Sample ID: LCS 480-16845/3							Client Sam	ple ID: LCS 480-	16845/3
Matrix: Water Analysis Batch: 16845								Prep Type: T	otal/NA

	Spike	LCS	LCS				% Rec.	
Analyte	Added	Result	Qualifier	Unit	D	% Rec	Limits	
Benzene	25.0	25.1		ug/L		100	71 - 124	
Toluene	25.0	26.4		ug/L		106	70 - 122	
Ethylbenzene	25.0	27.1		ug/L		108	77 - 123	
m-Xylene & p-Xylene	50.0	53.6		ug/L		107	76 - 122	
o-Xylene	25.0	27.8		ug/L		111	76 - 122	

	LCS	LCS	
Surrogate	% Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	101		73 - 120

107

Lab Sample ID: 480-4899-5 MS Matrix: Water

Analysis Batch: 16845

4-Bromofluorobenzene (Surr)

-	Sample	Sample	Spike	MS	MS				% Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	% Rec	Limits	
Benzene	29		25.0	53.7		ug/L		99	71 - 124	
Toluene	14		25.0	42.2		ug/L		112	70 - 122	
Ethylbenzene	110		25.0	132	E 4	ug/L		77	77 - 123	
m-Xylene & p-Xylene	290		50.0	330	E 4	ug/L		72	76 - 122	
o-Xylene	18		25.0	48.0		ug/L		122	76 - 122	
	MS	MS								
Surrogate	% Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	102		66 - 137							
Toluene-d8 (Surr)	97		71 - 126							

73 - 120

Client Sample ID: MW-12-051211 Prep Type: Total/NA

Lab Sample ID: 480-4899-5 MSD

Matrix: Water

Analysis Batch: 16845

Client Sample ID: MW-12-051211

Prep Type: Total/NA

RPD

5 10

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

	Sample	Sam	ple	Spike	MSD	MSD						% Rec.		RPD
Analyte	Result	Qua	lifier	Added	Result	Quali	ifier	Unit		D	% Rec	Limits	RPD	Limit
Benzene	29			25.0	52.2			ug/L			93	71 - 124	3	13
Toluene	14			25.0	41.6			ug/L			110	70 - 122	1	15
Ethylbenzene	110			25.0	125	E 4		ug/L			48	77 - 123	6	15
m-Xylene & p-Xylene	290			50.0	311	E 4		ug/L			33	76 - 122	6	16
o-Xylene	18			25.0	47.4			ug/L			119	76 - 122	1	16
	MSD	MSE)											
Surrogate	% Recovery	Qua	lifier	Limits										
1,2-Dichloroethane-d4 (Surr)	98			66 - 137										
Toluene-d8 (Surr)	98			71 - 126										
4-Bromofluorobenzene (Surr)	107			73 - 120										
- Lab Sample ID: MB 480-16994/4										Cli	ent Sam	ple ID: MB	480-10	6994/4
Matrix: Water										-		Prep Tv	pe: To	tal/NA
Analysis Batch: 16994														
		мв	МВ											
Analyte	R	esult	Qualifier	RL	N	IDL U	nit		D	Pre	pared	Analyze	d	Dil Fac
Benzene		ND		1.0	C	.41 u	g/L				<u> </u>	05/21/11 1	4:58	1
Toluene		ND		1.0	C	.51 u	a/L					05/21/11 1	4:58	1
Ethylbenzene		ND		1.0	C	.74 u	g/L					05/21/11 1	4:58	1
m-Xvlene & p-Xvlene		ND		2.0	C	.66 u	a/L					05/21/11 1	4:58	1
o-Xvlene		ND		1.0	C	.76 u	a/L					05/21/11 1	4:58	1
Xylenes, Total		ND		2.0	C	.66 u	g/L					05/21/11 1	4:58	1
		ΜВ	МВ											
Surrogate	% Reco	overy	Qualifier	Limits						Pre	pared	Analyze	d	Dil Fac
1,2-Dichloroethane-d4 (Surr)		91		66 - 137					-			05/21/11 1	4:58	1
Toluene-d8 (Surr)		97		71 - 126								05/21/11 1	4:58	1
4-Bromofluorobenzene (Surr)		103		73 - 120								05/21/11 1	4:58	1
- Lab Sample ID: LCS 480-16994/3	3									Clie	nt Sam	ole ID: LCS	480-10	6994/3
Matrix: Water												Prep Ty	pe: To	tal/NA
Analysis Batch: 16994														
· · · · · , · · · · · · · · · · · · · · · · · · ·				Spike	LCS	LCS						% Rec.		
Analyte				Added	Result	Quali	ifier	Unit		D	% Rec	Limits		
Benzene				25.0	23.6			ug/L			94	71 - 124		
Toluene				25.0	25.4			ug/L			102	70 - 122		
Ethylbenzene				25.0	26.1			ug/L			104	77 - 123		
m-Xylene & p-Xylene				50.0	52.3			ug/L			105	76 - 122		
o-Xvlene				25.0	26.8			ua/l			107	76 - 122		

	LCS	LCS	
Surrogate	% Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		66 - 137
Toluene-d8 (Surr)	98		71 - 126
4-Bromofluorobenzene (Surr)	103		73 - 120

QC Association Summary

GC/MS VOA

Analysis Batch: 16845

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-16845/3	LCS 480-16845/3	Total/NA	Water	8260B	
MB 480-16845/4	MB 480-16845/4	Total/NA	Water	8260B	
480-4899-1	MW-110-051111	Total/NA	Water	8260B	
480-4899-2	MW-201-051111	Total/NA	Water	8260B	
480-4899-3	MW-203-051111	Total/NA	Water	8260B	
480-4899-4	MW-1-051211	Total/NA	Water	8260B	
480-4899-5	MW-12-051211	Total/NA	Water	8260B	
480-4899-5 MS	MW-12-051211	Total/NA	Water	8260B	
480-4899-5 MSD	MW-12-051211	Total/NA	Water	8260B	
480-4899-6	MW-1212-051211	Total/NA	Water	8260B	

Analysis Batch: 16994

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch
LCS 480-16994/3	LCS 480-16994/3	Total/NA	Water	8260B	
MB 480-16994/4	MB 480-16994/4	Total/NA	Water	8260B	
480-4899-7	TRIP BLANK	Total/NA	Water	8260B	
480-4899-3 - DL	MW-203-051111	Total/NA	Water	8260B	
480-4899-4 - DL	MW-1-051211	Total/NA	Water	8260B	
480-4899-5 - DL	MW-12-051211	Total/NA	Water	8260B	
480-4899-6 - DL	MW-1212-051211	Total/NA	Water	8260B	

Prep TypeBatch TypeBatch MethodRun FactorDilution FactorBatch NumberPrepared Or AnalyzedAnalyst CDCLab TAL BUClient Sample ID: MW-201-051111 Date Collected: 05/11/11 6:15Lab Sample ID: 480- MatriLab Sample ID: 480- MatriLab Sample ID: 480- MatriPrep TypeBatch Prepared Or AnalyzedBatch Prepared Or AnalyzedAnalyst Lab Lab CDCLab TAL BUClient Sample ID: MW-203-051111 Date Received: 05/13/11 09:30Run FactorFactor Prepared 1Number Or AnalyzedAnalyst Lab CDCLab TAL BUClient Sample ID: MW-203-051111 Date Received: 05/13/11 09:30Batch BatchPrepared 05/20/11/16:41Analyst Lab CDCLab TAL BUClient Sample ID: MW-203-051111 Date Received: 05/13/11 09:30Batch 1Prepared 05/20/11/7:05Analyst Lab CDCLab TAL BUClient Sample ID: MW-1-051211 Date Collected: 05/13/11 09:30Batch 1Prepared 1Or Analyzed 05/20/11/7:17:05Lab TAL BUClient Sample ID: MW-1-051211 Date Received: 05/13/11 09:30Batch 1Prepared 1Prepared 1Analyst 1Lab CDCPrep TypeType MethodRun FactorFactor 1Number 1Prepared 0Analyst 2Lab TAL BUClient Sample ID: MW-1-051211 Date Received: 05/13/11 09:30Batch 1Prepared 1Run 1Factor 1Run 1Run 1Factor 1Number 0Prepared 0<	Client Sample Date Collected: Date Received:	e ID: MW-1 05/11/11 12:0 05/13/11 09:3	10-051111 00 80					Lab Sample	e ID: 480-4899-1 Matrix: Wate	
Prep Type TotalINAType AnalysisMethod 8280BRun 1Factor 1Number 16845Or Analyzed 0520111616Analyst CDCLab TAL BUClient Sample ID: MW-201-051111 Date Collected: 05/1/111625Batch MethodRun FactorBatch 1Prep Prepred 16845Analyst CDCLab TAL BUPrep Type TotalINAType AnalysisBatch MethodRun FactorBatch 1Prepared 	_	Batch	Batch		Dilution	Batch	Prepared			
TotaliNA Analysis 8260B 1 16845 05/201116:16 CDC TAL BU Client Sample ID: MW-201-051111 Lab Sample ID: MW-201-051111 Lab Sample ID: 480-Matri Matri Date Collected: 05/13/11 09:30 TotaliNA Analysis Batch Batch Prep Type Method Run Factor Number Or Analyzed Analysi Lab Client Sample ID: MW-203-051111 Lab Sample ID: 480-Date Received: 05/13/11 09:30 Lab Satch Prep Type Method Run Factor Number Or Analyzed Analysi Lab Date Received: 05/13/11 09:30 Batch Batch Batch Run Factor Number Or Analyzed Analysi Lab TotaliNA Analysis 8260B DL 2 16964 05/2/1117:00 Matri TotaliNA Analysis 8260B DL 2 16964 05/2/1117:00 Matri Date Received: 05/13/11 09:30 DL 2 16964 05/2/1117:00 Matri Date Received: 05/13/11 09:30 DL 2 16964 05/2/1117:31 CDC TAL	Prep Type	Type	Method	Run	Factor	Number	Or Analyzed	Analyst	Lab	
Client Sample ID: MW-201-051111 Lab Sample ID: 480. Date Collected: 05/11/11 16:25 Matri Date Received: 05/13/11 09:30 Batch Run Factor Number Of Analyzed Analyst Lab Prep Type Type Wethod Run Factor Number Of Analyzed Analyst Lab Client Sample ID: MW-203-051111 Lab Sample ID: 480. Multion Batch Prepared Of Analyzed Analyst Lab CDC TAL BU Date Collected: 05/11/11 10:30 Batch Batch Batch Batch CDC TAL BU Total/NA Analysis 8260B DL 2 16994 05/20/11 16:03 TRB TAL BU Client Sample ID: MW-1-051211 Lab Sample ID: 480. Matri Date Received: 05/13/11 09:30 Matri Dilution Batch Prepared Of Analyzed Analyst Lab CDC TAL BU Date Received: 05/13/11 09:30 Batch Prepared Of Analyzed Analyst Lab CDC TAL BU Date Received: 05/13/11 09:30 Batch Run Factor Number	Total/NA	Analysis	8260B		1	16845	05/20/11 16:16	CDC	TAL BUF	
Batch Batch Dilution Batch Prep Type	Client Sample Date Collected: Date Received:	e ID: MW-2 05/11/11 16:2 05/13/11 09:3	01-051111 25 30					Lab Sample	e ID: 480-4899-2 Matrix: Wate	
Prep TypeTypeMethodRunFactorNumberOr AnalyzedAnalyzedCDCTAL BUClient Sample ID: MW-203-051111 Date Collectei: 05/11/11 17:10 Date Received: 05/13/11 09:30LabLabSample ID: 480- MatriPrep TypeTypeMethodRunFactorNumberOr Analyzed 11AnalystLabPrep TypeTypeMethodRunFactorNumberOr Analyzed 05/20/11 16:41AnalystLabPrep TypeTypeMethodRunFactorNumberOr Analyzed 05/20/11 17:06AnalystLabClient Sample ID: MW-1-051211 Date Collected: 05/12/11 12:00Date Received: 05/12/11 16:03TRBTAL BUClient Sample ID: MW-1-051211 Total/NALabSa200BDL216994Of Analyzed Of AnalyzedAnalystLabPrep TypeTypeMethodRunFactorNumberOr Analyzed Of AnalyzedAnalystLabClient Sample ID: MW-1-051211 Total/NAAnalysis8200BDL21699405/20/11 17:31CDCTAL BUClient Sample ID: MW-12-051211 Total/NAEatchBatchPrepared Of AnalysisOr AnalysisLabMatriDate Received: 05/13/11 09:30DL21699405/20/11 17:35CDCTAL BUClient Sample ID: MW-12-051211 Total/NABatchPrepared Of AnalysisOr AnalysisLabPrep TypeTypeMethodRunFactorNumberOr Analyzed <td></td> <td>Batch</td> <td>Batch</td> <td></td> <td>Dilution</td> <td>Batch</td> <td>Prepared</td> <td></td> <td></td>		Batch	Batch		Dilution	Batch	Prepared			
Total/NA Analysis 82808 Image: Second	Prep Type	Type	Method	Run	Factor	Number	Or Analyzed	Analyst	Lab	
Client Sample ID: MW-203-051111 Lab Sample ID: 480. Date Collected: 05/13/11 09:30 Matri Prep Type Type Total/NA Analysis Batch Batch Prep Type Type Total/NA Analysis Batch Batch Dilution Batch Prep Type Type Total/NA Analysis Batch Batch Date Collected: 05/12/11 12:00 Lab Sample ID: 480. Date Collected: 05/12/11 12:00 Matri Date Collected: 05/13/11 09:30 Matri Prep Type Type Method Run Fotal/NA Analysis Batch Batch Prep Type Type Matri Date Collected: 05/12/11 12:00 Date Collected: 05/12/11 12:00 Matri Date Collected: 05/12/11 12:00 Matri Date Collected: 05/12/11 12:00 TRB Total/NA Analysis Batch Batch Prep Type Type Matri Date Collected: 05/12/11 10:30	Total/NA	Analysis	8260B		1	16845	05/20/11 16:41	CDC	TAL BUF	
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Lab Sample ID: 480-4899-7

Matrix: Water

Client Sample ID: TRIP BLANK Date Collected: 05/12/11 00:00 Date Received: 05/13/11 09:30

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Total/NA	Analysis	8260B		1	16994	05/21/11 15:38	TRB	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: AMEC Earth & Environmental, Inc. Project/Site: AVIS Rent-A-Car

Client: AMEC Earth & E Project/Site: AVIS Rent-	invironmental, Inc. -A-Car		Т	estAmerica Job ID: 480-4899)-1 <mark>2</mark>
Laboratory	Authority	Program	EPA Region	Certification ID	3
TestAmerica Buffalo		USDA		P330-08-00242	_
TestAmerica Buffalo	Arkansas	State Program	6	88-0686	
TestAmerica Buffalo	California	NELAC	9	1169CA	
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568	5
TestAmerica Buffalo	Florida	NELAC	4	E87672	
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A	
TestAmerica Buffalo	Georgia	State Program	4	956	
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003	
TestAmerica Buffalo	Iowa	State Program	7	374	
TestAmerica Buffalo	Kansas	NELAC	7	E-10187	
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30	Ő
TestAmerica Buffalo	Kentucky	State Program	4	90029	
TestAmerica Buffalo	Louisiana	NELAC	6	02031	9
TestAmerica Buffalo	Maine	State Program	1	NY0044	
TestAmerica Buffalo	Maryland	State Program	3	294	
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044	
TestAmerica Buffalo	Michigan	State Program	5	9937	
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337	
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281	
TestAmerica Buffalo	New Hampshire	NELAC	1	2337	
TestAmerica Buffalo	New Jersey	NELAC	2	NY455	13
TestAmerica Buffalo	New York	NELAC	2	10026	
TestAmerica Buffalo	North Dakota	State Program	8	R-176	
TestAmerica Buffalo	Oklahoma	State Program	6	9421	
TestAmerica Buffalo	Oregon	NELAC	10	NY200003	
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281	
TestAmerica Buffalo	Tennessee	State Program	4	TN02970	
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX	
TestAmerica Buffalo	Virginia	State Program	3	278	
TestAmerica Buffalo	Washington	State Program	10	C1677	
TestAmerica Buffalo	West Virginia	West Virginia DEP	3	252	
TestAmerica Buffalo	Wisconsin	State Program	5	998310390	

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Chain of	Temperature on F	iacajot	TestAr	nerica	1
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Client: AMEC Earth & Environmental, Inc.

Login Number: 4899 List Number: 1 Creator: Wienke, Robert

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	False	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

List Source: TestAmerica Buffalo