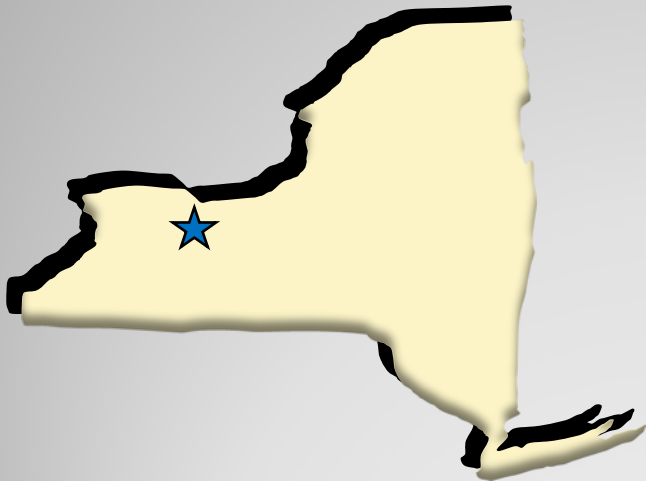


# ***PERIODIC REVIEW REPORT (2012-2013)***

## **Autohaus of Rochester Site (828084)**

**Monroe County, East Rochester, New York**



**New York State Department of Environmental Conservation  
Division of Environmental Remediation**



Report prepared by William B. Welling, Engineering Geologist 2, NYSDEC

Cover art credit: 2011 PRR by EA Engineering, PC and its Affiliate EA Science and Technology

**April 2014**

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Appendix 3 – IC/EC Certification

## List of Abbreviations

AWQS	ambient water quality standards
EA	EA Engineering, P.C. and its affiliate EA Science and Technology
EC	engineering control
GP	small-diameter (1") well
IC	institutional control
IRM	Interim remedial measure
LTM	long-term monitoring
MW	monitoring well
NYSDEC	New York State Department of Environmental Conservation
PRR	periodic review report
QA/QC	quality assurance / quality control
RAO	remedial action objectives
ROD	record of decision
SMP	site management plan
USEPA	United States Environmental Protection Agency

# 2012-2013 Periodic Review Report

## Autohaus of Rochester

### Site ID No. 828084

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Prepared by Will Welling, Engineering Geologist 2  
April 8, 2014

## Executive Summary

The purpose of this periodic review report (PRR) is to provide PRR certification and to summarize the results of the November 2013 groundwater sampling event and annual groundwater gauging; and to provide sufficient documentation that the remedy remains in place, is performing properly and effectively, and is protective of public health and the environment. Based upon the results of the 2013 groundwater sampling, both the environment and the public remain protected.

The Autohaus of Rochester site is located at 99 Marsh Road in the Village of East Rochester, New York and covers approximately 1.6 acres. The site is surrounded by both commercial and residential development. In 1989 and 1990, subsurface investigations revealed the presence of volatile organic compounds (VOCs) in the groundwater adjacent to a drywell located in the parking area northeast of the Autohaus building. The drywell and surrounding soil were removed in 1992 under an interim remedial measure (IRM). A post-IRM site characterization, conducted in 1997, indicated that the majority of the impacted soil had been removed by the IRM. Subsequent groundwater monitoring indicated that the VOC concentrations in groundwater had decreased and the areal extent of impacted groundwater had not increased.

The Record of Decision (ROD) dated March 1998 authorized the selected remedy of no further action with continued monitoring in order to confirm the decreasing trend of VOC concentrations in groundwater. In 2013, groundwater samples were collected from six monitoring wells and analyzed for VOCs. During the period from 2007 - 2013, seven VOCs were detected at concentrations greater than NYSDEC Ambient Water Quality Standards (AWQS). with selected compounds sporadically detected at concentrations greater than their corresponding AWQS. Detected contaminant concentrations continue to gradually decline except at monitoring well GP-09 whose concentration of 1,2-dichlorobenzene is roughly the same year to year.

1,2-dichlorobenzene at GP-09 remains significantly above the groundwater standard. Based on groundwater monitoring results from Fall 2007 to Fall 2013, there is no indication that the concentrations of contaminants in groundwater at GP-09 are increasing or decreasing. Continuing but less frequent groundwater monitoring is recommended at wells MW-01, MW-10 and GP-09.

## Site Overview

The Autohaus of Rochester site is located at 99 Marsh Road in the Town of Perinton, New York (Figure 1). The property is zoned commercial. The 1.6 acre site property parcel is situated in two local municipalities: the Town of Perinton and the Village of East Rochester. Overlapping approximately twenty-five feet, the site straddles the East Rochester boundary on the west. East of the embankment on the western side, the Autohaus site is flat and contains an approximately 9,500 square foot former automobile showroom/service building. The Autohaus building and parking lots are used by the neighboring car dealership for vehicle storage. The westernmost twenty-five feet of the site are covered in brushy, scrub vegetation and the land rises abruptly twenty feet to the boundary of the Wells Landing housing development. All but a small area of grass in front of the building and the scrub-covered slope is paved.

The Autohaus of Rochester site was formerly a luxury car dealership. The East Rochester public water supply well field was located on the adjacent parcel on the west side. After the well field was closed, the Village of East Rochester sold the thickly wooded land to a residential developer. In 2006 the woods were cleared and new home construction began.

In 1989 and 1990, subsurface investigations revealed the presence of VOCs in the groundwater adjacent to a drywell located beneath the parking area northeast of the Autohaus building. The drywell was connected to the shop floor drain in the building. An interim remedial measure (IRM), consisting of drywell and soil removal, was conducted in 1992. The adjacent public water supply well field was temporarily closed in 1992 and permanently closed in 1995 for reasons not connected to the Autohaus site. A post-IRM site characterization conducted in 1997 indicated that the majority of the impacted soil had been removed by the IRM. Subsequent groundwater monitoring indicated that the VOC concentration in groundwater had decreased and the areal extent of impacted groundwater had not increased.

The ROD prescribed a selected remedy of no further action with continued monitoring in order to confirm the decreasing trend of VOC concentrations in groundwater. Currently, groundwater samples are taken annually from monitoring wells and are analyzed for VOCs and the site is currently listed by the NYSDEC as a Class 4 inactive hazardous waste site..

## Evaluation of Remedy Performance, Effectiveness, and Protectiveness

The remedy for this site consists of “no further action” combined with groundwater monitoring to confirm that there continues to be a trend of declining contaminant concentrations in groundwater.

## Status of Institutional Controls and Engineering Controls

The next several sections pertain to the two types of remedial controls at the Autohaus site. The certification of these controls is located in Appendix 3. An institutional control (IC) is a legal measure that limits human exposure by restricting activity, use, and access to properties with residual contamination. The IC at the Autohaus site is the site management plan (SMP) which provides detailed instructions for protective and proper care of the site. An engineering control (EC) is a physical means to eliminate or reduce exposure to a chemical or physical hazard through the use or substitution of engineered machinery or equipment. The Autohaus site uses a network of monitoring wells to access the groundwater in order to measure the height of the water level below ground and to take samples to characterize the groundwater quality.

### Institutional Control

The site parcel bears Monroe County parcel ID number 152.13-3-4. The institutional control for the site parcel consists of the site management plan which includes a monitoring plan. From January 2013 until May 2013, EA Engineering, P.C. and its affiliate EA Science and Technology (EA) was tasked to bring the site management plan up to date using the preferred NYSDEC template for a site management plan. The SMP was finalized on March 29, 2013.

The Record of Decision, 1998 (ROD), states, “the NYSDEC has selected no further action as the remedy for this site. The remedy will continue monitoring the groundwater to confirm the current trend of declining groundwater contaminant concentrations in the wells at the site.” This institutional control is still in effect. The Site Management Plan which contains the long-term monitoring plan must be adhered to for this parcel.

The SMP requires that the DEC be notified if there is a change in use of the site, such as an ownership change. The DEC has been aware that during 2013, the owners of VanBoretel Ford were negotiating to purchase the site property from the current owner, Mr. Pat Cortese. The sale did not take place in 2013 and there has been no change in use.

### Engineering Control

A series of monitoring wells are used for long-term monitoring at the Autohaus site. As physical objects, these wells are the only physical, engineered component of the remedy and require inspection and maintenance periodically. There are seven wells in the network. Two of the current monitoring wells need repair or a decision to decommission. MW-08S has an obstruction below the water table which prevents a bailer or water sampling tubing from going down the well to remove water. A sharp edge scratches the bottom of a teflon bailer pushed against the obstruction. It is recommended that the well be decommissioned, as it is unusable in its current condition. The potential need for replacement will be discussed in the next section.

The second well requiring maintenance is GP-09. GP-09 lacks a tight-fitting cover. The well needs a new road box set securely into the pavement. Inside this structure, the top of the well pipe needs a new, tight-fitting riser cap.

# Groundwater Monitoring

The site's monitoring wells were sampled in accordance with the SMP during the annual monitoring event. Due to a lack of funds in the NYSDEC engineering work assignment, no monitoring was done in 2012. In 2013 the monitoring was conducted by DEC staff with analysis by a TestAmerica, a contract lab.

NYSDEC project manager, Will Welling, visited the site on November 7, 2013, to prepare for the sampling. See the Photo Report, Appendix 1. Carl Hoffman, Payson Long and Will Welling sampled the seven existing LTM monitoring wells at the Autohaus site on November 21, 2013. Concurrent with the monitoring well gauging, a cursory inspection of each monitoring well was performed in order to determine evidence of vandalism or other damage to the wells. Staff were able to obtain a water elevation measurement at MW-08S but were not able to lower a bailer or plastic tubing past the obstruction to take a water sample. This well is a candidate for decommissioning.

At the start of the November groundwater sampling event, water level measurements were taken from each monitoring location. The chart below presents the groundwater elevation data since 2007. Monitoring well locations are shown on Figure 2. An isoline map, Figure 3, shows groundwater contours and flow directions.

Monitoring Well / Piezometer	Measuring Point (ft MSL)	Water Elevation (ft AMSL)					
		October 2007	October 2008	April 2009	December 2010	October 2011	November 2013
MW-01	419.24	410.21	410.04	410.84	409.00	410.05	409.53
MW-08S	420.4	408.14	407.77	410.40	408.26	409.10	408.36
MW-08D	421.13	405.71	405.13	406.93	405.25	406.19	405.71
MW-09	430.78	406.05	405.48	406.15	---(a)	---(a)	---(a)
MW-10	418.13	409.53	409.12	410.83	408.47	409.46	408.81
GP-09	418.35	405.83	405.19	406.37	405.5	406.64	405.93
MW-11	417.45	---(b)	---(b)	---(b)	405.96	407.16	407.08
MW-12	417.93	---(b)	---(b)	---(b)	406.64	406.73	408.48
(a) Monitoring well MW-09 observed to be unservicable during December 2010 gauging event.							
(b) Monitoring wells MW-11 and MW-12 were not installed until 2010							
NOTE: AMSL = Above mean sea level							

While preparing this report, it was noticed that the names for MW-08S and MW-08D were reversed on the site maps used in two PRRs: 2007-2008 and 2010. The 2010 PRR had some correct maps and some incorrect maps, and in the 2011 PRR and the 2013 SMP, the well names

were correct. When viewing the correct Autohaus site maps, MW-08D is further away from Marsh Road than MW-08S.

Groundwater flow patterns in 2013 are consistent with those of October 2007, October 2008, and April 2009, in that the flow is towards the northeast near the former drywell and flow is to the south in the southern portion of the site. High water in MW-01 is probably due to the topographic effect of the adjacent high ground immediately on the west. Wells MW-10, MW-12 and MW-08S show a slightly higher elevation than GP-09 and MW-11. Wells MW-10, MW-12 and MW-08S define a watertable surface with a southeasterly flow direction. Refer to Figure 3, Groundwater Elevations, November 2013.

## Groundwater Analytical Data

Samples were collected utilizing a dedicated bailer in accordance with procedures outlined in the SMP. After measuring the water level in all of the wells, each well was purged of three well volumes in order to bring fresh water into the well. Samples were packaged and submitted to TestAmerica Labs, Amherst, New York for analysis of VOCs using U.S. Environmental Protection Agency (USEPA) Method 8260C in accordance with the NYSDEC Analytical Services Protocol. The sampling photo report for November 21, 2013, Appendix 2, documents the sampling effort and contains the completed field forms, the data table, and the laboratory analytical report.

Analytical results for aqueous and associated quality assurance/quality control (QA/QC) samples collected from site related monitoring wells were compared to NYSDEC AWQS and guidance values from the Division of Water and Technical and Operational Guidance Series 1.1.1 (August 1999) for Class GA groundwater.

## 2013 Analytical Results

Analytical results for 2013 are tabulated on Table 6. Analytical results from each annual sampling event are summarized in Tables 1 through 6 and on Figure 4.

The primary contaminants of concern at this site are the volatile organic compounds (VOCs): acetone, methylene chloride, tetrachloroethene, 1,1,1-trichloroethane, benzene, toluene, xylenes, ethylbenzene, and 1,2-dichlorobenzene. Four of these compounds were detected in 2013: 1,2-dichlorobenzene, acetone, tetrachloroethylene, ethylbenzene, and xylenes.

Site-related VOCs have been detected in annual monitoring events since 2007. A few compounds have been sporadically detected above their corresponding AWQS. However, only one VOC, 1,2-dichlorobenzene, has been consistently detected greater than the AWQS and at only one sampling location: monitoring well GP-09.

Twelve compounds were detected in GP-09 in 2013, four of these exceeded the groundwater standards. The results are typical of values we have seen at this location since 2007. 1,2-dichlorobenzene was detected in GP-09 in 2013 at a concentration of 73 µg/l. This concentration



value is greater than the mean concentration measured over the years (58.29 ug/l) but is approximately the median value. No declining trend is evident.

Monitoring well MW-01 exhibited two volatile organic compounds, acetone and tetrachloroethylene, and MW-10 exhibited one compound, chloroform. All were below the groundwater standards. MW-01 over the years of monitoring has shown a decline of three orders of magnitude from an early, total VOC concentration of 4,477 µg/l to a most recent concentration of 4.6 µg/l total VOCs. The full laboratory report is included in the Photo Report, Appendix 2 and the results are plotted on the Figure 4 map. The following chart summarizes the 2013 data.

<b>VOCs in Groundwater, Autohaus of Rochester, 2013</b>					
Sample	Compound	Value (ug/l)	Reporting Limit,ug/l	MDL ug/l	Class GA GW Standard Ug/l
131121 GP9					
	1,1-Dichloroethane	1.7	1	0.38	5
	1,2-Dichlorobenzene	73	1	0.79	3
	1,4-Dichlorobenzene	3.6	1	0.84	3
	Acetone	3.0 J	10	3	50
	Benzene	0.73 J	1	0.41	1
	Ethylbenzene	5.1	1	0.74	5
	Isopropylbenzene	1.3	1	0.79	5
	Methyl tert-butyl ether	0.67 J	1	0.16	10
	Trichloroethene	0.66 J	1	0.46	5
	Xylenes, Total	5.8	2	0.66	5
131121 MW1	Acetone	3.5 J	10	3	50
	Tetrachloroethylene	1.1	1	0.36	5
131121 MW10	Chloroform	0.94 J	1	0.34	7
131121 MW-8S	Not Sampled.				
131121 MW8D		No Detections.			
131121 MW12		No Detections.			
131121 MW-11		No Detections.			
131121 MW1 DUP		No Detections.			
TRIP BLANK		No Detections.			

## Evaluation of Costs

Consultant engineering and contract laboratory costs for 2013 for site management were approximately \$9,041.00. Costs for previous years are summarized below for consultant engineering contracts D004441-5 and D007624-19.

YEAR	WORKPLAN	SMP	FIELD ACTIVITIES AND REPORTING	YEARLY TOTAL	SPENT TO DATE
2007	\$5,495.54	\$5,299.25	\$12,483.25	\$23,278.04	\$23,278.04
2008	\$0.00	\$0.00	\$1,506.50	\$1,506.50	\$35,579.33
2009	\$0.00	\$0.00	\$14,339.82	\$14,339.82	\$49,919.15
2010	\$2,801.74	\$0.00	\$10,051.38	\$12,853.12	\$59,970.53
2011	\$3,636.50	-\$254.90	\$13,864.74	\$17,246.34	\$73,835.27
2012	\$36.06	\$256.90	\$8,544.31	\$8,837.27	\$88,872.90
2013	\$874.86	\$7,864.51	\$301.90	\$9,041.27	\$97,914.17

## Conclusions and Recommendations

Based upon the current SMP and sampling results from the 2013 annual monitoring event, this section provides conclusions and recommendations for future site management. Any significant changes recommended and approved by the NYSDEC will be incorporated into an amended SMP.

- Based upon analytical data collected to date, this site currently meets the goals stated in the ROD of confirming the trend of declining groundwater contaminant concentrations within the wells at the site and may be a candidate for removal from the Registry. As was stated in the 2011 PRR, some contaminants continue to remain in groundwater at levels exceeding AWQS standards for Class GA groundwater. 1,2-Dichlorobenzene is consistently detected in groundwater at concentrations much greater than its AWQS. Our conclusion is that groundwater monitoring should continue but that the LTM plan could be adjusted to sample fewer wells.
- The 2011 PRR made the recommendation to reduce the number of wells sampled to three. The three wells suggested to remain in the LTM program were: MW-01, MW-10 and GP-09. It is recommended to change the LTM plan in the SMP to focus on sampling only MW-01, MW-10 and GP-09.

- GP-09 monitoring well is damaged and needs a new protective roadbox. This should be installed as soon as possible.
- No detections above AWQS have ever been noted from wells MW-08S, MW-08D, MW-11 or MW-12. The groundwater flow at the site and water quality at these wells is adequately understood and therefore these shallow monitoring wells are no longer needed. They could be decommissioned without affecting the monitoring in the vicinity of the former dry well and GP-09.
- The 2011 PRR completed for NYSDEC by EA Engineering recommended:

targeted in situ remediation through either enhanced bioremediation or chemical oxidation be considered to expedite reduction in concentrations of COCs to less than AWQS. The contaminants of concern that exceed NYSDEC AWQS are limited to one well (GP-09) and migration has not been observed in nearby wells. Both aerobic and anaerobic biodegradation pathways exist for BTEX and 1,2-dichlorobenzene. A targeted remedial action could reduce contaminants of concern to less than NYSDEC AWQS at which point the site could be delisted and annual monitoring could be eliminated.

This recommendation is still valid based upon 2013 data results.

## FIGURES

Figure 1 – Site Location Map

Figure 2 – Site Map Showing Sampling Locations

Figure 3 – Groundwater Elevations, November 2013.

Figure 4 – Volatile Organic Compounds in Groundwater Samples, 2013





Figure 1, Site Location Map  
Autohaus of Rochester - Site ID No. 828084

Municipal Boundaries in Orange





## Legend



Property Boundary

MW-08S



Monitoring Well

0 100



FEET

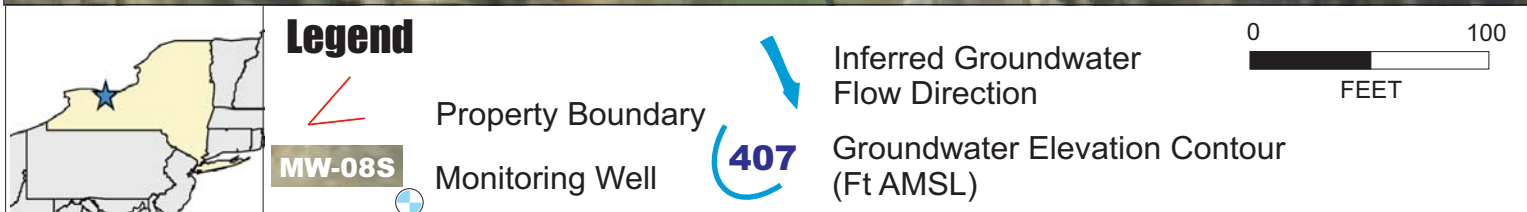


AUTOHAUS OF ROCHESTER SITE (828084)  
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FIGURE 2  
SITE MAP SHOWING  
SAMPLING LOCATIONS

2013\_site\_location\_map.pdf









MW-09 was DECOM'D in 2012	Oct-07	Oct-08	Apr-09
	µg/L	µg/L	µg/L
Acetone	ND	ND	1 J
Benzene	<b>1.19</b>	ND	0.51
1,2-Dichlorobenzene	2.6	0.16 J	2.92
1,1-Dichloroethane	<b>5.77</b>	2.7	3.42
1,2-Dichloropropane	ND	ND	0.16 J
Ethylbenzene	1.38	ND	1.05
Isopropylbenzene	0.69	ND	ND
Methyl tert-butyl ether	ND	0.75 J	0.52 J
Xylenes (total)	1.94	ND	1.34

GP-09	Oct-07	Oct-08	Apr-09	Dec-10	Oct-11	Nov-13
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Acetone	5.16 J	4.51 J	7.92 J	9.71 J	<b>57.7 J</b>	3.0 J
Benzene	<b>1.16</b>	0.35 J	<b>1.22</b>	<b>1.44</b>	<b>1.13</b>	0.73 J
2-Butanone	ND	ND	3.16 J	1.33 J	1.33 J	ND
Chlorobenzene	0.59	ND	ND	0.75	0.62	ND
Chloroethane	0.58 J	ND	1.04 J	0.61 J	ND	ND
Chloroform	ND	ND	ND	0.38 J	0.32 J	ND
1,2-Dibromo-3-chloropropane	ND	<b>5.42 J</b>	ND	ND	ND	ND
1,2-Dichlorobenzene	<b>46.7 D</b>	<b>9.36</b>	<b>73.2 D</b>	<b>80.2</b>	<b>67.3</b>	<b>73</b>
1,3-Dichlorobenzene	ND	ND	0.12 J	0.17 J	0.2 J	ND
1,4-Dichlorobenzene	1.8	0.44 J	<b>3.27</b>	<b>3.53</b>	<b>3</b>	<b>3.6</b>
1,1-Dichloroethane	1.68	0.61	1.77	2.46	2.36	1.7
cis-1,2-Dichloroethene	0.22 J	ND	0.19 J	0.12 J	ND	ND
1,2-Dichloropropane	0.27 J	ND	0.26 J	ND	ND	ND
Ethylbenzene	<b>6.03</b>	0.71	<b>7.47</b>	<b>6.7</b>	<b>5.1</b>	<b>5.1</b>
Isopropylbenzene	0.84	ND	0.89	1.4	1.17	1.3
Methyl tert-butyl ether	1.73	ND	1.34	1.51	1.16	0.67 J
4-Methyl-2-pentanone	ND	ND	1.09 J	1.05 J	ND	ND
Methylene chloride	0.15 J	ND	0.27 J	0.39 J	ND	ND
Toluene	<b>9.57</b>	3	<b>21.7</b>	4.96	0.2	ND
Trichloroethene	0.32 J	ND	0.51	0.81	0.67	0.66 J
Xylenes (total)	<b>27.3</b>	4.34	<b>37.9</b>	<b>24</b>	<b>14.6</b>	<b>5.8</b>

Approximate location  
of former drywell

MW-12	Dec-10	Oct-12	Nov-13
	µg/L	µg/L	µg/L
Dichlorodifluoromethane	0.19 J	ND	ND

MW-10	Oct-07	Oct-08	Apr-09	Dec-10	Oct-11	Nov-13
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Bromodichloromethane	ND	ND	ND	0.46 J	0.38	ND
Chloroform	ND	ND	0.52	2.87	1.22	0.94 J

MW-11	Dec-10	Oct-11	Nov-13
	µg/L	µg/L	µg/L
Toluene	0.13 J	0.13 J	ND

**MW-08S**  
No detections  
Not sampled in 2013

MW-08D	Oct-07	Oct-08	Apr-09	Dec-10	Oct-11	Nov-13
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Acetone	ND	ND	2.53 J	ND	ND	ND
Bromodichloromethane	ND	ND	ND	0.15 J	0.15 J	ND
Chloroform	ND	ND	ND	0.19 J	0.19 J	ND
Carbon disulfide	ND	ND	0.12 J	ND	ND	ND
Dibromochloromethane	ND	ND	ND	1.31	1.31	ND

MW-01	Oct-07	Oct-08	Apr-09	Dec-10	Oct-11	Nov-13
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Acetone	ND	ND	2.01 J	ND	8	3.5 J
1,2-Dichlorobenzene	1.7	0.25	1.71	0.8	0.56	ND
1,3-Dichlorobenzene	0.51	0.24	0.47 J	0.39 J	0.26	ND
1,4-Dichlorobenzene	2.13	0.51	2.3	1.92	1.19	ND
1,1-Dichloroethane	ND	ND	0.83	0.25 J	0.18	ND
cis-1,2-Dichloroethene	0.5	0.26	3.43	0.28 J	0.17	ND
Ethylbenzene	0.1	ND	0.5	ND	ND	ND
Isopropylbenzene	0.24	ND	0.12 J	ND	ND	ND
Tetrachloroethene	3.08	1.72	2.51	1.91	1.54	1.1
Toluene	ND	ND	0.12 J	ND	ND	ND
Trichloroethene	0.23	0.24	0.36 J	0.56	0.43	ND
Xylenes (total)	ND	ND	1.4	ND	ND	ND



- Property Boundary  
 Monitoring Well  
J Detected value is an estimate  
**BOLD** Value detected is above Ambient Water Quality Standard  
ND Not Detected  
D Dillution

## Legend

0 100  
FEET



AUTOHAUS OF ROCHESTER SITE (828084)  
PERIODIC REVIEW REPORT  
PERINTON, NEW YORK

FIGURE 4  
VOLATILE ORGANIC COMPOUNDS  
IN GROUNDWATER SAMPLES, 2013  
2013chem.cdr



## TABLES

Table 1 – Summary Of Volatile Organic Compounds In Groundwater October 2007

Table 2 – Summary Of Volatile Organic Compounds In Groundwater October 2008

Table 3 – Summary Of Volatile Organic Compounds In Groundwater April 2009

Table 4 – Summary Of Volatile Organic Compounds In Groundwater December 2010

Table 5 – Summary Of Volatile Organic Compounds In Groundwater October 2011

Table 6 – Summary Of Volatile Organic Compounds In Groundwater November 2013

TABLE 1 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER OCTOBER 2007

Parameter List USEPA Method 8260B	Sample ID	8-24-084-MW-01		8-28-084-MW-08S		8-28-084-MW-08D		8-24-084-MW-09		8-24-084-MW-10		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	0710091-005A		0710091-002A		0710091-003A		0710091-004A		0710091-001A		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	10/11/2007		10/11/2007		10/11/2007		10/11/2007		10/11/2007		
Acetone	µg/L	<10	U	<10	U	<10	U	<10	U	<10	U	50 (g)
Benzene	µg/L	<0.5	U	<0.5	U	<0.5	U	1.19		<0.5	U	1 (s)
Chlorobenzene	µg/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Chloroethane	µg/L	<1	U	<1	U	<1	U	<1	U	<1	U	5 (s)
cis-1,2-Dichloroethene	µg/L	0.5		<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
1,4- Dichlorobenzene	µg/L	2.13		<0.5	U	<0.5	U	<0.5	U	<0.5	U	3 (s)
1,3- Dichlorobenzene	µg/L	0.51		<0.5	U	<0.5	U	<0.5	U	<0.5	U	3 (s)
1,2- Dichlorobenzene	µg/L	1.7		<0.5	U	<0.5	U	2.6		<0.5	U	3 (s)
1,1- Dichloroethane	µg/L	<0.5	U	<0.5	U	<0.5	U	5.77		<0.5	U	5 (s)
1,2- Dichloropropane	µg/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	1 (s)
Ethylbenzene	µg/L	0.1	J	<0.5	U	<0.5	U	1.38		<0.5	U	5 (s)
Isopropylbenzene	µg/L	0.24	J	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Methyl tert-butyl ether	µg/L	<1	U	<1	U	<1	U	0.69		<1	U	---
Methylene chloride	µg/L	<2	U	<2	U	<2	U	<2	U	<2	U	5 (s)
Tetrachloroethene	µg/L	3.06		<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Toluene	µg/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Trichloroethene	µg/L	0.23	J	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Xylenes (total)	µg/L	<1	U	<1	U	<1	U	1.94		<1	U	5 (s)

Parameter List USEPA Method 8260B	Sample ID	8-24-084-GP-09		8-24-084-Dup <sup>(a)</sup>		Trip Blank		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	0710091-006A		0710091-007A		0710091-008A		
	Sample Type	Groundwater		Groundwater		Groundwater		
	Sample Date	10/11/2007		10/11/2007		6/26/2007		
Acetone	µg/L	5.16	J	1.03	J	<10	U	50 (g)
Benzene	µg/L	1.16		<0.5	U	<0.5	U	1 (s)
Chlorobenzene	µg/L	0.59		<0.5	U	<0.5	U	5 (s)
Chloroethane	µg/L	0.58	J	<1	U	<1	U	5 (s)
cis-1,2-Dichloroethene	µg/L	0.22	J	<0.5	U	<0.5	U	5 (s)
1,4- Dichlorobenzene	µg/L	1.8		<0.5	U	<0.5	U	3 (s)
1,3- Dichlorobenzene	µg/L	<0.5	U	<0.5	U	<0.5	U	3 (s)
1,2- Dichlorobenzene	µg/L	46.70	D	<0.5	U	<0.5	U	3 (s)
1,1- Dichloroethane	µg/L	1.68		<0.5	U	<0.5	U	5 (s)
1,2- Dichloropropane	µg/L	0.27	J	<0.5	U	<0.5	U	1 (s)
Ethylbenzene	µg/L	6.03		<0.5	U	<0.5	U	5 (s)
Isopropylbenzene	µg/L	0.84		<0.5	U	<0.5	U	5 (s)
Methyl tert-butyl ether	µg/L	1.73		<1	U	<1	U	---
Methylene chloride	µg/L	0.15	J	<2	U	1.16	J	5 (s)
Tetrachloroethene	µg/L	<0.5	U	<0.5	U	<0.5	U	5 (s)
Toluene	µg/L	9.57		<0.5	U	<0.5	U	5 (s)
Trichloroethene	µg/L	0.32	J	<0.5	U	<0.5	U	5 (s)
Xylenes (total)	µg/L	27.3		<1	U	<1	U	5 (s)

(a) Duplicate was collected at 8-28-084-MW-08S

NOTE: USEPA = United States Environmental Protection Agency  
NYSDEC = New State Department of Environmental Conservation  
µg/L = Micrograms per Liter  
U = The analyte was analyzed for, but was not detected above the sample reporting limit.  
J = Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.  
D = Dilution

Analytical data results provided by Life Science Laboratories. Data Validation completed by Environmental Data Validation, Inc.  
Only analytes that had at least one detection from the data set are shown.  
**Bold** values indicate that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

TABLE 2 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER OCTOBER 2008

Parameter List USEPA Method 8260B	Sample ID	8-24-084-MW-01		8-28-084-MW-08S		8-28-084-MW-08D		8-24-084-MW-09		8-24-084-MW-10		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	0810111-001A		0810111-002A		0810111-003A		0810111-004A		0810111-006A		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	10/14/2008		10/14/2008		10/14/2008		10/14/2008		10/14/2008		
Acetone	µg/L	( $<10$ )	U	( $<10$ )	U	( $<10$ )	U	( $<10$ )	U	( $<10$ )	U	50 (g)
Benzene	µg/L	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	1 (s)
1,2- Dibromo-3-chloropropane	µg/L	( $<5$ )	U	( $<5$ )	U	( $<5$ )	U	( $<5$ )	U	( $<5$ )	U	0.04 (s)
1,4- Dichlorobenzene	µg/L	0.51		( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	3 (s)
1,2- Dichlorobenzene	µg/L	0.25	J	( $<0.5$ )	U	( $<0.5$ )	U	0.16	J	( $<0.5$ )	U	3 (s)
1,1- Dichloroethane	µg/L	0.24	J	( $<0.5$ )	U	( $<0.5$ )	U	2.7		( $<0.5$ )	U	5 (s)
cis-1,2- Dichloroethene	µg/L	0.26	J	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	5 (s)
Ethylbenzene	µg/L	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	5 (s)
Methyl tert-butyl ether	µg/L	( $<1$ )	U	( $<1$ )	U	( $<1$ )	U	0.75	J	( $<1$ )	U	---
Tetrachloroethene	µg/L	1.72		( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	5 (s)
Toluene	µg/L	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	5 (s)
Trichloroethene	µg/L	0.24	J	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	( $<0.5$ )	U	5 (s)
Xylenes (total)	µg/L	( $<1$ )	U	( $<1$ )	U	( $<1$ )	U	( $<1$ )	U	( $<1$ )	U	5 (s)

Parameter List USEPA Method 8260B	Sample ID	8-24-084-GP-09		8-24-084-Dup <sup>(a)</sup>		Trip Blank			NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	0810111-005A		0810111-007A		0810111-008A			
	Sample Type	Groundwater		Groundwater		Groundwater			
	Sample Date	10/14/2008		10/14/2008		10/14/2008			
Acetone	µg/L	4.51	J	( $<10$ )	U	( $<10$ )	U		50 (g)
Benzene	µg/L	0.35	J	( $<0.5$ )	U	( $<0.5$ )	U		1 (s)
1,2- Dibromo-3-chloropropane	µg/L	<b>5.42</b>	J	( $<5$ )	U	( $<5$ )	U		0.04 (s)
1,4- Dichlorobenzene	µg/L	0.44	J	0.87		( $<0.5$ )	U		3 (s)
1,2- Dichlorobenzene	µg/L	<b>9.36</b>		0.48	J	( $<0.5$ )	U		3 (s)
1,1- Dichloroethane	µg/L	0.61		0.29	J	( $<0.5$ )	U		5 (s)
cis-1,2- Dichloroethene	µg/L	( $<0.5$ )	U	0.73		( $<0.5$ )	U		5 (s)
Ethylbenzene	µg/L	0.71		( $<0.5$ )	U	( $<0.5$ )	U		5 (s)
Methyl tert-butyl ether	µg/L	( $<1$ )	U	( $<1$ )	U	( $<1$ )	U		---
Tetrachloroethene	µg/L	( $<0.5$ )	U	1.8		( $<0.5$ )	U		5 (s)
Toluene	µg/L	3		( $<0.5$ )	U	( $<0.5$ )	U		5 (s)
Trichloroethene	µg/L	( $<0.5$ )	U	0.27	J	( $<0.5$ )	U		5 (s)
Xylenes (total)	µg/L	4.34		( $<1$ )	U	( $<1$ )	U		5 (s)

(a) Duplicate was collected at 8-28-084-MW-01

NOTE: USEPA = United States Environmental Protection Agency  
NYSDEC = New State Department of Environmental Conservation  
µg/L = Micrograms per Liter  
U = The analyte was analyzed for, but was not detected above the sample reporting limit.  
J = Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.  
Analytical data results provided by Life Science Laboratories. Data Validation completed by Environmental Data Validation, Inc.  
Only analytes that had at least one detection from the data set are shown.  
**Bold** values indicate that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

TABLE 3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER APRIL 2009

Parameter List USEPA Method 8260B	Sample ID	8-24-084-MW-01		8-28-084-MW-08S		8-28-084-MW-08D		8-24-084-MW-09		8-24-084-MW-10		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	0810111-001A		0810111-002A		0810111-003A		0810111-004A		0810111-006A		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	4/22/2009		4/22/2009		4/22/2009		4/22/2009		4/22/2009		
Acetone	µg/L	2.01	J	<10	U	2.53	J	1	J	<10	U	50 (g)
Benzene	µg/L	<0.5	U	<0.5	U	<0.5	U	0.51		<0.5	U	1 (s)
2- Butanone	µg/L	<10	U	<10	U	<10	U	<10	U	<10	U	---
Carbon disulfide	µg/L	<0.5	U	<0.5	U	0.12	J	<0.5	U	<0.5	U	---
Chloroethane	µg/L	<1	UJ	<1	UJ	<1	UJ	<1	UJ	<1	UJ	5 (s)
Chloroform	µg/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	0.52		7 (s)
1,2- Dichlorobenzene	µg/L	1.71		<0.5	U	<0.5	U	2.92		<0.5	U	3 (s)
1,3- Dichlorobenzene	µg/L	0.47	J	<0.5	U	<0.5	U	<0.5	U	<0.5	U	3 (s)
1,4- Dichlorobenzene	µg/L	2.3		<0.5	U	<0.5	U	<0.5	U	<0.5	U	3 (s)
1,1- Dichloroethane	µg/L	0.63		<0.5	U	<0.5	U	3.42		<0.5	U	5 (s)
cis-1,2- Dichloroethene	µg/L	3.43		<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
1,2- Dichloropropane	µg/L	<0.5	U	<0.5	U	<0.5	U	0.16	J	<0.5	U	5 (s)
Ethylbenzene	µg/L	0.5		<0.5	U	<0.5	U	1.05		<0.5	U	5 (s)
Isopropylbenzene	µg/L	0.12	J	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Methyl tert-butyl ether	µg/L	<1	U	<1	U	<1	U	0.52	J	<1	U	10 (g)
4- Methyl-2-pentanone	µg/L	<5	U	<5	U	<5	U	<5	U	<5	U	---
Methylene chloride	µg/L	<2	U	<2	U	<2	U	<2	U	<2	U	5 (s)
Tetrachloroethene	µg/L	2.51		<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Toluene	µg/L	0.12	J	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Trichloroethene	µg/L	0.36	J	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Xylenes (total)	µg/L	1.4		<1	U	<1	U	1.34		<1	U	5 (s)

Parameter List USEPA Method 8260B	Sample ID	8-24-084-GP-09		8-28-084-Dup01 <sup>(a)</sup>		Trip Blank			NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	0810111-005A		0904141-007A		0810111-008A			
	Sample Type	Groundwater		Groundwater		Groundwater			
	Sample Date	4/22/2009		4/22/2009		4/22/2009			
Acetone	µg/L	7.92	J	1.45	J	<10	U		50 (g)
Benzene	µg/L	<b>1.22</b>		<0.5	U	<0.5	U		1 (s)
2- Butanone	µg/L	3.16	J	<10	U	<10	U		---
Carbon disulfide	µg/L	<0.5	U	<0.5	U	<0.5	U		---
Chloroethane	µg/L	1.04	J	<1	UJ	<1	U		5 (s)
Chloroform	µg/L	<0.5	U	<0.5	U	<0.5	U		7 (s)
1,2- Dichlorobenzene	µg/L	<b>73.2</b>	D	1.83		<0.5	U		3 (s)
1,3- Dichlorobenzene	µg/L	0.12	J	0.5		<0.5	U		3 (s)
1,4- Dichlorobenzene	µg/L	<b>3.27</b>		2.43		<0.5	U		3 (s)
1,1- Dichloroethane	µg/L	1.77		0.62		<0.5	U		5 (s)
cis-1,2- Dichloroethene	µg/L	0.19	J	3.42		<0.5	U		5 (s)
1,2- Dichloropropane	µg/L	0.26	J	<0.5	U	<0.5	U		5 (s)
Ethylbenzene	µg/L	<b>7.47</b>		0.51		<0.5	U		5 (s)
Isopropylbenzene	µg/L	0.89		0.13	J	<0.5	U		5 (s)
Methyl tert-butyl ether	µg/L	1.34		<1	U	<1	U		10 (g)
4- Methyl-2-pentanone	µg/L	1.09	J	<5	U	<5	U		---
Methylene chloride	µg/L	0.27	J	0.18	J	<2	U		5 (s)
Tetrachloroethene	µg/L	<0.5	U	2.68		<0.5	U		5 (s)
Toluene	µg/L	<b>21.7</b>		0.13	J	<0.5	U		5 (s)
Trichloroethene	µg/L	0.51		0.37	J	<0.5	U		5 (s)
Xylenes (total)	µg/L	<b>37.9</b>		1.46		<1	U		5 (s)

(a) Duplicate was collected at 8-28-084-MW-01

NOTE: USEPA = United States Environmental Protection Agency  
NYSDEC = New State Department of Environmental Conservation  
µg/L = Micrograms per Liter  
U = The analyte was analyzed for, but was not detected above the sample reporting limit.  
J = Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.  
D = Dilution

Analytical data results provided by Life Science Laboratories. Data Validation completed by Environmental Data Validation, Inc.

Only analytes that had at least one detection from the data set are shown.

**Bold** values indicate that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

TABLE 4 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER DECEMBER 2010

Parameter List USEPA Method 8260B	Sample ID	8-24-084-MW-01		8-28-084-MW-08S		8-28-084-MW-08D		8-24-084-MW-10		8-24-084-MW-11		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	K1012255-003A		K1012255-004A		K1012255-005A		K1012255-002A		K1012255-006A		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	12/22/2010		12/22/2010		12/22/2010		12/22/2010		12/22/2010		
1,1-Dichloroethane	µg/L	0.25	J	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	5 (s)
1,2-Dichlorobenzene	µg/L	0.8		<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	3 (s)
1,3-Dichlorobenzene	µg/L	0.39	J	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	3 (s)
1,4-Dichlorobenzene	µg/L	1.92		<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	3 (s)
2-Butanone	µg/L	<(10)	U	<(10)	U	<(10)	U	<(10)	U	<(10)	U	---
4-Methyl-2-pentanone	µg/L	<(5)	U	<(5)	U	<(5)	U	<(5)	U	<(5)	U	---
Acetone	µg/L	<(10)	U	<(10)	U	<(10)	U	<(10)	U	<(10)	U	50 (g)
Benzene	µg/L	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	1 (s)
Bromodichloromethane	µg/L	<(0.5)	U	<(0.5)	U	0.15	J	0.46	J	<(0.5)	U	50 (g)
Chlorobenzene	µg/L	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	5 (s)
Chloroethane	µg/L	<(1)	U	<(1)	U	<(1)	U	<(1)	U	<(1)	U	5 (s)
Chloroform	µg/L	<(0.5)	U	<(0.5)	U	0.19	J	2.87		<(0.5)	U	7 (s)
cis-1,2-Dichloroethene	µg/L	0.28	J	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	5 (s)
Dibromochloromethane	µg/L	<(0.5)	U	<(0.5)	U	1.31		<(0.5)	U	<(0.5)	U	50 (s)
Dichlorodifluoromethane	µg/L	<(1)	U	<(1)	U	<(1)	U	<(1)	U	<(1)	U	5 (s)
Ethylbenzene	µg/L	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	5 (s)
Isopropylbenzene	µg/L	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	5(s)
Methyl tert-butyl ether	µg/L	<(1)	U	<(1)	U	<(1)	U	<(1)	U	<(1)	U	10 (g)
Methylene chloride	µg/L	<(2)	U	<(2)	U	<(2)	U	<(2)	U	<(2)	U	5 (s)
Tetrachloroethene	µg/L	1.91		<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	5 (s)
Toluene	µg/L	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	0.13	J	5 (s)
Trichloroethene	µg/L	0.56		<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U	5 (s)
Xylenes (total)	µg/L	<(1)	U	<(1)	U	<(1)	U	<(1)	U	<(1)	U	5 (s)

Parameter List USEPA Method 8260B	Sample ID	8-24-084-MW-12		8-24-084-GP-09		8-28-084-MW-DUP <sup>(a)</sup>		Trip Blank			NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	K1012255-007A		K1012255-001A		K1012255-008A		K1012255-009A			
	Sample Type	Groundwater		Groundwater		QA/QC Duplicate		QA/QC Trip Blank			
	Sample Date	12/22/2010		12/22/2010		12/22/2010		12/22/2010			
1,1-Dichloroethane	µg/L	<(0.5)	U	2.46		0.25	J	<(0.5)	U		5 (s)
1,2-Dichlorobenzene	µg/L	<(0.5)	U	<b>80.2</b>		0.71		<(0.5)	U		3 (s)
1,3-Dichlorobenzene	µg/L	<(0.5)	U	0.17	J	0.39	J	<(0.5)	U		3 (s)
1,4-Dichlorobenzene	µg/L	<(0.5)	U	<b>3.53</b>		1.87		<(0.5)	U		3 (s)
2-Butanone	µg/L	<(10)	U	1.33	J	<(10)	U	<(10)	U		---
4-Methyl-2-pentanone	µg/L	<(5)	U	1.05	J	<(5)	U	<(5)	U		---
Acetone	µg/L	<(10)	U	9.71	J	<(10)	U	<(10)	U		50 (g)
Benzene	µg/L	<(0.5)	U	<b>1.44</b>		<(0.5)	U	<(0.5)	U		1 (s)
Bromodichloromethane	µg/L	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U		50 (g)
Chlorobenzene	µg/L	<(0.5)	U	0.75		<(0.5)	U	<(0.5)	U		5 (s)
Chloroethane	µg/L	<(1)	U	0.61	J	<(1)	U	<(1)	U		5 (s)
Chloroform	µg/L	<(0.5)	U	0.38	J	<(0.5)	U	0.13	J		7 (s)
cis-1,2-Dichloroethene	µg/L	<(0.5)	U	0.12	J	0.27	J	<(0.5)	U		5 (s)
Dibromochloromethane	µg/L	<(0.5)	U	<(0.5)	U	<(0.5)	U	<(0.5)	U		50 (s)
Dichlorodifluoromethane	µg/L	0.19	J	<(1)	U	<(1)	U	<(1)	U		5(s)
Ethylbenzene	µg/L	<(0.5)	U	<b>6.7</b>		<(0.5)	U	<(0.5)	U		5(s)
Isopropylbenzene	µg/L	<(0.5)	U	1.4		<(0.5)	U	<(0.5)	U		5(s)
Methyl tert-butyl ether	µg/L	<(1)	U	1.51		<(1)	U	<(1)	U		10 (g)
Methylene chloride	µg/L	<(2)	U	0.39	J	<(2)	U	0.41	J		5 (s)
Tetrachloroethene	µg/L	<(0.5)	U	0.11		1.87		0.5	J		5 (s)
Toluene	µg/L	<(0.5)	U	4.96		<(0.5)	U	<(0.5)	U		5 (s)
Trichloroethene	µg/L	<(0.5)	U	0.81		0.55		<(0.5)	U		5 (s)
Xylenes (total)	µg/L	<(1)	U	<b>24</b>		<(1)	U	<(1)	U		5 (s)

(a) Duplicate was collected at 8-28-084-MW-01

NOTE: USEPA = United States Environmental Protection Agency  
NYSDEC = New State Department of Environmental Conservation  
µg/L = Micrograms per Liter  
U = The analyte was analyzed for, but was not detected above the sample reporting limit.  
J = Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.  
QA/QC = Quality Assurance/Quality Control  
Analytical data results provided by Life Science Laboratories.  
Only analytes that had at least one detection from the data set are shown.  
**Bold** values indicate that the analyte was detected above the NYSDEC AWOS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

TABLE 5 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER OCTOBER 2011

Parameter List USEPA Method 8260B	Sample ID	8-24-084-MW-01		8-28-084-MW-08S		8-28-084-MW-08D		8-24-084-MW-10		8-24-084-MW-11		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	K1012255-003A		K1012255-004A		K1012255-005A		K1012255-002A		K1012255-006A		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	10/25/2011		10/25/2011		10/25/2011		10/25/2011		10/25/2011		
1,1-Dichloroethane	µg/L	0.18		<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
1,2-Dichlorobenzene	µg/L	0.56		<0.5	U	<0.5	U	<0.5	U	<0.5	U	3 (s)
1,3-Dichlorobenzene	µg/L	0.26		<0.5	U	<0.5	U	<0.5	U	<0.5	U	3 (s)
1,4-Dichlorobenzene	µg/L	1.19		<0.5	U	<0.5	U	<0.5	U	<0.5	U	3 (s)
2-Butanone	µg/L	<10	U	<10	U	<10	U	<10	U	<10	U	---
Acetone	µg/L	8		<10	U	<10	U	<10	U	<10	U	50 (g)
Benzene	µg/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	1 (s)
Bromodichloromethane	µg/L	<0.5	U	<0.5	U	0.15	J	0.38		<0.5	U	50 (g)
Chlorobenzene	µg/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Chloroform	µg/L	<0.5	U	<0.5	U	0.19	J	1.22		<0.5	U	7 (s)
cis-1,2-Dichloroethene	µg/L	0.17		<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Dibromochloromethane	µg/L	<0.5	U	<0.5	U	1.31		<0.5	U	<0.5	U	50 (s)
Dichlorodifluoromethane	µg/L	<1	U	<1	U	<1	U	<1	U	<1	U	5 (s)
Ethylbenzene	µg/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Isopropylbenzene	µg/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	<0.5	U	5(s)
Methyl tert-butyl ether	µg/L	<1	U	<1	U	<1	U	<1	U	<1	U	10 (g)
Tetrachloroethene	µg/L	1.54		<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Toluene	µg/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	0.13	J	5 (s)
Trichloroethene	µg/L	0.43		<0.5	U	<0.5	U	<0.5	U	<0.5	U	5 (s)
Xylenes (total)	µg/L	<1	U	<1	U	<1	U	<1	U	<1	U	5 (s)

Parameter List USEPA Method 8260B	Sample ID	8-24-084-MW-12		8-24-084-GP-09		8-28-084-MW-DUP <sup>(a)</sup>		Trip Blank		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	K1012255-007A		K1012255-001A		K1012255-008A		K1012255-009A		
	Sample Type	Groundwater		Groundwater		QA/QC Duplicate		QA/QC Trip Blank		
	Sample Date	10/25/2011		10/25/2011		10/25/2011		10/25/2011		
1,1-Dichloroethane	µg/L	<0.5	U	2.36		0.18	J	<0.5	U	5 (s)
1,2-Dichlorobenzene	µg/L	<0.5	U	<b>67.3</b>		0.51		<0.5	U	3 (s)
1,3-Dichlorobenzene	µg/L	<0.5	U	0.2	J	0.26	J	<0.5	U	3 (s)
1,4-Dichlorobenzene	µg/L	<0.5	U	<b>3</b>		1.18		<0.5	U	3 (s)
2-Butanone	µg/L	<10	U	1.33	J	<10	U	<10	U	---
Acetone	µg/L	<10	U	<b>57.7</b>	J	<10	U	<10	U	50 (g)
Benzene	µg/L	<0.5	U	<b>1.13</b>		<0.5	U	<0.5	U	1 (s)
Bromodichloromethane	µg/L	<0.5	U	<0.5	U	<0.5	U	<0.5	U	50 (g)
Chlorobenzene	µg/L	<0.5	U	0.62		<0.5	U	<0.5	U	5 (s)
Chloroform	µg/L	<0.5	U	0.32	J	<0.5	U	<0.5	U	7 (s)
cis-1,2-Dichloroethene	µg/L	<0.5	U	<0.5	U	0.16	J	<0.5	U	5 (s)
Ethylbenzene	µg/L	<0.5	U	<b>5.09</b>		<0.5	U	<0.5	U	5(s)
Isopropylbenzene	µg/L	<0.5	U	1.17		<0.5	U	<0.5	U	5(s)
Methyl tert-butyl ether	µg/L	<1	U	1.16		<1	U	<1	U	10 (g)
Tetrachloroethene	µg/L	<0.5	U	<0.5	U	1.42		<0.5	U	5 (s)
Toluene	µg/L	<0.5	U	0.2		<0.5	U	<0.5	U	5 (s)
Trichloroethene	µg/L	<0.5	U	0.67		0.43		<0.5	U	5 (s)
Xylenes (total)	µg/L	<1	U	<b>14.6</b>		<1	U	<1	U	5 (s)

(a) Duplicate was collected at 8-28-084-MW-01

NOTE: USEPA = United States Environmental Protection Agency  
NYSDEC = New State Department of Environmental Conservation  
µg/L = Micrograms per Liter  
U = The analyte was analyzed for, but was not detected above the sample reporting limit.  
J = Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.  
QA/QC = Quality Assurance/Quality Control  
Analytical data results provided by Life Science Laboratories.  
Only analytes that had at least one detection from the data set are shown.  
**Bold** values indicate that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

TABLE 6 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER NOVEMBER 2013

Parameter List USEPA Method 8260B	Sample ID	131121 MW-01	MW-08S	131121 MW-08D	131121 MW-10	131121 MW-11	NYSDEC Ambient Water Quality Standard Class GA (µg/L)		
	Lab ID	480-50794-3		480-50794-2	480-50794-4	480-50794-6			
	Sample Type	Groundwater		Groundwater	Groundwater	Groundwater			
	Sample Date	11/21/2013		11/21/2013	11/21/2013	11/21/2013			
1,1-Dichloroethane	µg/L	<1	U	Not Sampled	<1	U	<1	U	5 (s)
1,2-Dichlorobenzene	µg/L	<1	U	Not Sampled	<1	U	<1	U	3 (s)
1,3-Dichlorobenzene	µg/L	<1	U	Not Sampled	<1	U	<1	U	3 (s)
1,4-Dichlorobenzene	µg/L	<1	U	Not Sampled	<1	U	<1	U	3 (s)
2-Butanone	µg/L	<10	U	Not Sampled	<10	U	<10	U	---
Acetone	µg/L	3.50	J	Not Sampled	<1	U	<1	U	50 (g)
Benzene	µg/L	<1	U	Not Sampled	<1	U	<1	U	1 (s)
Bromodichloromethane	µg/L	<1	U	Not Sampled	<1	U	<1	U	50 (g)
Chlorobenzene	µg/L	<1	U	Not Sampled	<1	U	<1	U	5 (s)
Chloroform	µg/L	<1	U	Not Sampled	<1	U	0.94	J	7 (s)
cis-1,2-Dichloroethene	µg/L	<1	U	Not Sampled	<1	U	<1	U	5 (s)
Dibromochloromethane	µg/L	<1	U	Not Sampled	<1	U	<1	U	50 (s)
Dichlorodifluoromethane	µg/L	<1	U	Not Sampled	<1	U	<1	U	5 (s)
Ethylbenzene	µg/L	<1	U	Not Sampled	<1	U	<1	U	5 (s)
Isopropylbenzene	µg/L	<1	U	Not Sampled	<1	U	<1	U	5(s)
Methyl tert-butyl ether	µg/L	<1	U	Not Sampled	<1	U	<1	U	10 (g)
Tetrachloroethene	µg/L	1.10	J	Not Sampled	<1	U	<1	U	5 (s)
Toluene	µg/L	<1	U	Not Sampled	<1	U	<1	U	5 (s)
Trichloroethene	µg/L	<1	U	Not Sampled	<1	U	<1	U	5 (s)
Xylenes (total)	µg/L	<2	U	Not Sampled	<1	U	<1	U	5 (s)

Parameter List USEPA Method 8260B	Sample ID	131121 MW-12	131121 GP-09	131121 MW1 DUP(a)	Trip Blank	NYSDEC Ambient Water Quality Standard Class GA (µg/L)				
	Lab ID	480-50794-5	480-50794-1	480-50794-7	480-50794-8					
	Sample Type	Groundwater	Groundwater	QA/QC Duplicate	QA/QC Trip Blank					
	Sample Date	11/21/2013	11/21/2013	11/21/2013	11/21/2013					
1,1-Dichloroethane	µg/L	<1	U	1.70	<1	U	<1	U	5 (s)	
1,2-Dichlorobenzene	µg/L	<1	U	73.00	<1	U	<1	U	3 (s)	
1,4-Dichlorobenzene	µg/L	<1	U	3.60	<1	U	<1	U	3 (s)	
2-Butanone	µg/L	<10	U	<10	U	<10	U	---		
Acetone	µg/L	<1	U	3.00	J	<1	U	<1	U	50 (g)
Benzene	µg/L	<1	U	0.73	J	<1	U	<1	U	1 (s)
Bromodichloromethane	µg/L	<1	U	<1	U	<1	U	<1	U	50 (g)
Chlorobenzene	µg/L	<1	U	<1	U	<1	U	<1	U	5 (s)
										7 (s)
cis-1,2-Dichloroethene	µg/L	<1	U	<1	U	<1	U	<1	U	5 (s)
Ethylbenzene	µg/L	<1	U	5.10	<1	U	<1	U	5(s)	
Isopropylbenzene	µg/L	<1	U	1.30	<1	U	<1	U	5(s)	
Methyl tert-butyl ether	µg/L	<1	U	0.67	J	<1	U	<1	U	10 (g)
Tetrachloroethene	µg/L	<1	U	<1	U	<1	U	<1	U	5 (s)
Toluene	µg/L	<1	U	<1	U	<1	U	<1	U	5 (s)
Trichloroethene	µg/L	<1	U	0.66	J	<1	U	<1	U	5 (s)
Xylenes (total)	µg/L	<2	U	5.80	<2	U	<2	U	5 (s)	

(a) Duplicate was collected at 131121 MW-01

NOTE: USEPA = United States Environmental Protection Agency  
NYSDEC = New State Department of Environmental Conservation  
µg/L = Micrograms per Liter  
U = The analyte was analyzed for, but was not detected above the sample reporting limit.  
J = Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. QA/QC = Quality Assurance/Quality Control

Analytical data results provided by Life Science Laboratories.

Only analytes that had at least one detection from the data set are shown.

Blue indicates a detection above the method detection limit. Red indicates that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

## APPENDICES

Appendix 1 – Photo Report, 11/07/2013

Appendix 2 – Photo Report, 11/21/2013

Appendix 3 – IC/EC Certification



## Appendix 1 – Photo Report, 11/07/2013

---

# Autohaus Site Visit

DER Site Management, 11-07-2013

## Photos with Notes

### Photo



### Description

Noon visit to Autohaus, 99 Marsh Road, East Rochester. I visited Fran Butera in the office. I told her we would be returning in a few weeks to sample the wells.

I took photos of the wells and parking lot.

MW-10



MW-1 is behind the three pylons. It would take some digging to find the cover.



View towards the Van Bortel Ford building



View looking towards Marsh Road. MW-8D (nearer) and MW-8S (farther)



View looking parallel to the railroad tracks, towards the west. MW-8S (nearer) and MW-8D (farther)

## Appendix 2 – Photo Report, 11/21/2013



---

# 828084 Autohaus Groundwater Sampling

DER Site Management, 11-21-2013. Notes and photos by Will Welling

## Photos with Notes

Photo

Description



Carl Hoffman, Payson Long and Will Welling sampled six (6) of the (7) existing LTM monitoring wells at the Autohaus site on November 21, 2013.

We arrived onsite at 10:40 AM. The weather was breezy, temperature in the upper 30s F with cloudy skies.

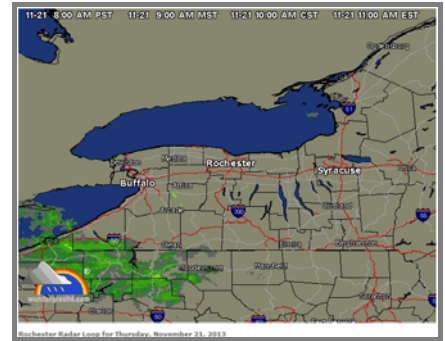
Our sample naming convention consisted of the year, month, date (YYMMDD) followed by the well number. Analyses by TestAmerica laboratory were for volatile organic compounds (VOCs) in groundwater, 8260C. The TestAmerica lab reports are attached at the end of this photoreport.

Three wells, MW-8D, MW-11, and MW-12; were "clean" and showed no detected groundwater contamination. Monitoring wells GP-9, MW-1, and MW-10 showed amounts of contamination as the following chart shows.

VOCs in Groundwater, Autohaus, 828084 Sample Compound	Value (ug/l)	Reporting Limit,ug/l	MDL ug/l
131121 GP9			
1,1-Dichloroethane	1.7	1.0	0.38
1,2-Dichlorobenzene	73	1.0	0.79
1,4-Dichlorobenzene	3.6	1.0	0.84
Acetone	3.0 J	10.0	3.0
Benzene	0.73 J	1.0	0.41
Ethylbenzene	5.1	1.0	0.74
Isopropylbenzene	1.3	1.0	0.79
Methyl tert-butyl ether	0.67 J	1.0	0.16
Trichloroethene	0.66 J	1.0	0.46
Xylenes, Total	5.8	2.0	0.66
131121 MW1			
Acetone	3.5 J	10.0	3.0
Tetrachloroethene	1.1	1.0	0.36
131121 MW10			
Chloroform	0.94 J	1.0	0.34
131121 MW8S			
Not Sampled.			
131121 MW8D			
No Detections.			
131121 MW12			
No Detections.			
131121 MW11			
No Detections.			
131121 MW1 DUP			
No Detections.			
TRIP BLANK			
No Detections.			



We used the DER's sampling van. Wale pumps and bailers, a water level indicator are all stored in the van. TestAmerica supplied bottles and cooler. No problem with lab, bottles, etc., or with the the weather. Showers arrived in the afternoon after we were finished. Weather map shows conditions at 11:00 AM.



GPZ-9, aka GP-9 is in rough shape: no tight-fitting cover. The well is sealed with a scrunched wad of sampling gloves. This 1-inch well needs a new roadbox, collar and tight-fitting riser cap.

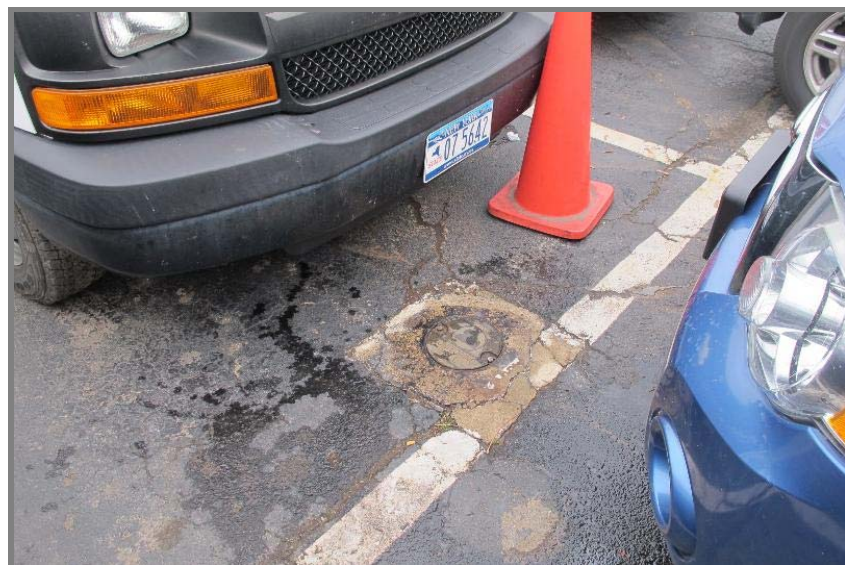




MW-1.

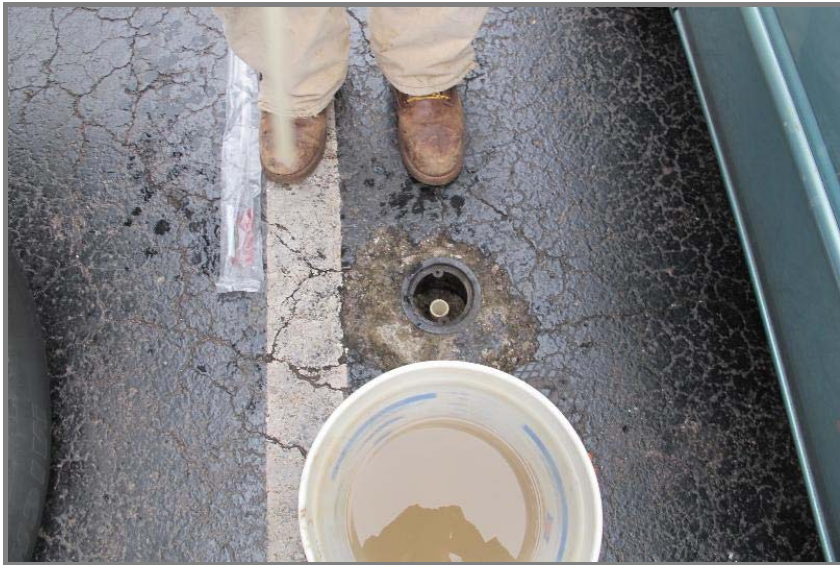
EA installed bollards around this well because it frequently was covered with sand and gravel and difficult to find.

Samples from this well were used as the MS and MSD duplicate. We collected the two QC samples at the end of the sampling event rather than when the MW-1 sample was taken.



MW-10





MW-12



Carl bailing MW-12



Upgradient deep well, MW-8D.  
Hinge is broken and cover is loose.



MW-8S





MW-8S has an obstruction below the watertable which prevents a bailer or tubing from going down the well to purge or obtain a sample. A sharp edge scratches the bottom of a teflon bailer pushed against the obstruction. Perhaps the obstruction is a broken, dislocated riser.



Payson at MW-11



MW-11



828084	Autohaus of Rochester	DATE: 11/21/13	Well No.	Hot Well? (October 2011)	Well Diameter (inches)	Well Depth (feet)	(Previous DTW) Current DTW GW Column	Groundwater Measurement Date	Calculated Gallons to Purge*	Actual Purge Gallons	Purging Date / Time	Sampling Date / Time	Water Turbidity and Color	Sample Number	Notable Problems of Wells
			MW-8S	Hot? Y or N VALUE: N	2" Stick Up	Depth: 24.22	(24.22') Current GW: 12.04 Ft. of Water: 12.18	11/21/13	6.09 GAL.		Date / Time	Date / Time		B115-8S	Broken casing below grade. Well not sampled.
			MW-12	Hot? Y or N VALUE: N	1" Flush	Depth: 29.05	(11.2') Current GW: 9.45 Ft. of Water: 19.6	11/21/13	2.4 GAL.		Date 11/21/13 Time 1402	Date 11/21/13 Time 3:00 PM		B115-12	
			MW-11	Hot? Y or N VALUE: 0.13 µg/l	1" Flush	Depth: 28.75	(10.29') Current GW: 10.37 Ft. of Water: 18.38	11/21/13	2.25 GAL.		Date 11/21/13 Time 1402	Date 11/21/13 Time 3:05 PM		B115-11	
			MW-10	Hot? Y or N VALUE: 1.6 µg/l	2" Flush	Depth: 18.31	(8.67') Current GW: 9.32 Ft. of Water: 8.99	11/21/13	4.5 GAL.	5 GAL.	Date 11/21/13 Time 1329	Date 11/21/13 Time 1400		B115-10	Tan Turbid
			MW-8D	Hot? Y or N VALUE: 1.65 µg/l	2" Stick Up	Depth: 71.95	(14.94') Current GW: 15.42 Ft. of Water: 56.53	11/21/13	28.3 GAL.		Date 11/21/13 Time	Date 11/21/13 Time 1:00 PM		B115-8D	
			MW-1	Hot? Y or N VALUE: 12.33 µg/l	2" Flush	Depth: 23.85	(9.19') Current GW: 9.71 Ft. of Water: 14.14	11/21/13	7.07 GAL.	7.5 GAL.	Date 11/21/13 Time 1304	Date 11/21/13 Time 1326	Red/Brown Turbid	B115-1	
			GP-09	Hot? Y or N VALUE: 156.86 µg/l	1" Flush	Depth: 29.31	(11.71') Current GW: 12.42 Ft. of Water: 16.89	11/21/13	2.02 GAL.	2.25 GAL.	Date 11/21/13 Time 1250	Date 11/21/13 Time 1250	Clear	B115-GP9	Need plug and cap

\*For purge volumes in gallons for a 2" well....multiply by 0.5.

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-50794-1

Client Project/Site: NYSDEC-Autohaus: Site# 828084

For:

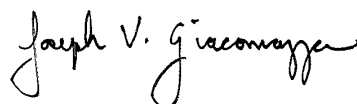
New York State D.E.C.

625 Broadway

12th Floor

Albany, New York 12233

Attn: Will Welling



Authorized for release by:

12/5/2013 11:51:23 AM

Joe Giacomazza, Project Management Assistant II

[joe.giacomazza@testamericainc.com](mailto:joe.giacomazza@testamericainc.com)

Designee for

Brian Fischer, Manager of Project Management

(716)504-9835

[brian.fischer@testamericainc.com](mailto:brian.fischer@testamericainc.com)

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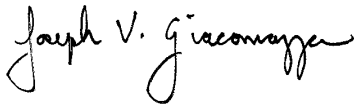
*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

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

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



---

Joe Giacomazza  
Project Management Assistant II  
12/5/2013 11:51:23 AM



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## Definitions/Glossary

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

### Qualifiers

#### GC/MS VOA

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

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

## Case Narrative

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Job ID: 480-50794-1**

**Laboratory: TestAmerica Buffalo**

### Narrative

#### Job Narrative 480-50794-1

#### Receipt

The samples were received on 11/23/2013 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

Except:

The labels on the vials for -03 ms and -03 msd list a time of 1525. The base sample time is 1326. The samples are logged in using the base sample time.

#### GC/MS VOA

Method(s) 8260C: The following sample(s) submitted for volatiles analysis was received with insufficient preservation (pH >2): 131121 MW1 DUP (480-50794-7).

No other analytical or quality issues were noted.

## Detection Summary

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

### Client Sample ID: 131121 GP9

Lab Sample ID: 480-50794-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.7		1.0	0.38	ug/L	1		8260C	Total/NA
1,2-Dichlorobenzene	73		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	3.6		1.0	0.84	ug/L	1		8260C	Total/NA
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA
Benzene	0.73	J	1.0	0.41	ug/L	1		8260C	Total/NA
Ethylbenzene	5.1		1.0	0.74	ug/L	1		8260C	Total/NA
Isopropylbenzene	1.3		1.0	0.79	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.67	J	1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	0.66	J	1.0	0.46	ug/L	1		8260C	Total/NA
Xylenes, Total	5.8		2.0	0.66	ug/L	1		8260C	Total/NA

### Client Sample ID: 131121 MW8D

Lab Sample ID: 480-50794-2

No Detections.

### Client Sample ID: 131121 MW1

Lab Sample ID: 480-50794-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.5	J	10	3.0	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.1		1.0	0.36	ug/L	1		8260C	Total/NA

### Client Sample ID: 131121 MW10

Lab Sample ID: 480-50794-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.94	J	1.0	0.34	ug/L	1		8260C	Total/NA

### Client Sample ID: 131121 MW12

Lab Sample ID: 480-50794-5

No Detections.

### Client Sample ID: 131121 MW-11

Lab Sample ID: 480-50794-6

No Detections.

### Client Sample ID: 131121 MW1 DUP

Lab Sample ID: 480-50794-7

No Detections.

### Client Sample ID: TRIP BLANK

Lab Sample ID: 480-50794-8

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Buffalo

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 GP9**

**Lab Sample ID: 480-50794-1**

**Date Collected: 11/21/13 12:50**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/02/13 16:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/02/13 16:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/02/13 16:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/02/13 16:28	1
<b>1,1-Dichloroethane</b>	<b>1.7</b>		1.0	0.38	ug/L			12/02/13 16:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/02/13 16:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/02/13 16:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/02/13 16:28	1
<b>1,2-Dichlorobenzene</b>	<b>73</b>		1.0	0.79	ug/L			12/02/13 16:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/02/13 16:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/02/13 16:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/02/13 16:28	1
<b>1,4-Dichlorobenzene</b>	<b>3.6</b>		1.0	0.84	ug/L			12/02/13 16:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/13 16:28	1
2-Hexanone	ND		5.0	1.2	ug/L			12/02/13 16:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/02/13 16:28	1
<b>Acetone</b>	<b>3.0</b>	<b>J</b>	10	3.0	ug/L			12/02/13 16:28	1
<b>Benzene</b>	<b>0.73</b>	<b>J</b>	1.0	0.41	ug/L			12/02/13 16:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/02/13 16:28	1
Bromoform	ND		1.0	0.26	ug/L			12/02/13 16:28	1
Bromomethane	ND		1.0	0.69	ug/L			12/02/13 16:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/02/13 16:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/02/13 16:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/02/13 16:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/02/13 16:28	1
Chloroethane	ND		1.0	0.32	ug/L			12/02/13 16:28	1
Chloroform	ND		1.0	0.34	ug/L			12/02/13 16:28	1
Chloromethane	ND		1.0	0.35	ug/L			12/02/13 16:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/02/13 16:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/02/13 16:28	1
Cyclohexane	ND		1.0	0.18	ug/L			12/02/13 16:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/02/13 16:28	1
<b>Ethylbenzene</b>	<b>5.1</b>		1.0	0.74	ug/L			12/02/13 16:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/02/13 16:28	1
<b>Isopropylbenzene</b>	<b>1.3</b>		1.0	0.79	ug/L			12/02/13 16:28	1
Methyl acetate	ND		1.0	0.50	ug/L			12/02/13 16:28	1
<b>Methyl tert-butyl ether</b>	<b>0.67</b>	<b>J</b>	1.0	0.16	ug/L			12/02/13 16:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/02/13 16:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/02/13 16:28	1
Styrene	ND		1.0	0.73	ug/L			12/02/13 16:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/02/13 16:28	1
Toluene	ND		1.0	0.51	ug/L			12/02/13 16:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/02/13 16:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/02/13 16:28	1
<b>Trichloroethene</b>	<b>0.66</b>	<b>J</b>	1.0	0.46	ug/L			12/02/13 16:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/02/13 16:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/02/13 16:28	1
<b>Xylenes, Total</b>	<b>5.8</b>		2.0	0.66	ug/L			12/02/13 16:28	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 GP9**

**Lab Sample ID: 480-50794-1**

**Date Collected: 11/21/13 12:50**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	96		71 - 126		12/02/13 16:28	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	91		66 - 137		12/02/13 16:28	1
<i>4-Bromofluorobenzene (Surr)</i>	88		73 - 120		12/02/13 16:28	1

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW8D**

**Lab Sample ID: 480-50794-2**

**Date Collected: 11/21/13 13:00**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/02/13 16:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/02/13 16:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/02/13 16:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/02/13 16:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/02/13 16:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/02/13 16:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/02/13 16:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/02/13 16:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/02/13 16:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/02/13 16:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/02/13 16:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/02/13 16:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/02/13 16:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/13 16:53	1
2-Hexanone	ND		5.0	1.2	ug/L			12/02/13 16:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/02/13 16:53	1
Acetone	ND		10	3.0	ug/L			12/02/13 16:53	1
Benzene	ND		1.0	0.41	ug/L			12/02/13 16:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/02/13 16:53	1
Bromoform	ND		1.0	0.26	ug/L			12/02/13 16:53	1
Bromomethane	ND		1.0	0.69	ug/L			12/02/13 16:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/02/13 16:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/02/13 16:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/02/13 16:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/02/13 16:53	1
Chloroethane	ND		1.0	0.32	ug/L			12/02/13 16:53	1
Chloroform	ND		1.0	0.34	ug/L			12/02/13 16:53	1
Chloromethane	ND		1.0	0.35	ug/L			12/02/13 16:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/02/13 16:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/02/13 16:53	1
Cyclohexane	ND		1.0	0.18	ug/L			12/02/13 16:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/02/13 16:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/02/13 16:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/02/13 16:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/02/13 16:53	1
Methyl acetate	ND		1.0	0.50	ug/L			12/02/13 16:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/02/13 16:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/02/13 16:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/02/13 16:53	1
Styrene	ND		1.0	0.73	ug/L			12/02/13 16:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/02/13 16:53	1
Toluene	ND		1.0	0.51	ug/L			12/02/13 16:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/02/13 16:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/02/13 16:53	1
Trichloroethene	ND		1.0	0.46	ug/L			12/02/13 16:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/02/13 16:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/02/13 16:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/02/13 16:53	1

TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW8D**

**Lab Sample ID: 480-50794-2**

**Date Collected: 11/21/13 13:00**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	98		71 - 126		12/02/13 16:53	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		66 - 137		12/02/13 16:53	1
<i>4-Bromofluorobenzene (Surr)</i>	90		73 - 120		12/02/13 16:53	1

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW1**

**Lab Sample ID: 480-50794-3**

**Date Collected: 11/21/13 13:26**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/02/13 17:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/02/13 17:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/02/13 17:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/02/13 17:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/02/13 17:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/02/13 17:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/02/13 17:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/02/13 17:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/02/13 17:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/02/13 17:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/02/13 17:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/02/13 17:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/02/13 17:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/13 17:17	1
2-Hexanone	ND		5.0	1.2	ug/L			12/02/13 17:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/02/13 17:17	1
Acetone	3.5	J	10	3.0	ug/L			12/02/13 17:17	1
Benzene	ND		1.0	0.41	ug/L			12/02/13 17:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/02/13 17:17	1
Bromoform	ND		1.0	0.26	ug/L			12/02/13 17:17	1
Bromomethane	ND		1.0	0.69	ug/L			12/02/13 17:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/02/13 17:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/02/13 17:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/02/13 17:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/02/13 17:17	1
Chloroethane	ND		1.0	0.32	ug/L			12/02/13 17:17	1
Chloroform	ND		1.0	0.34	ug/L			12/02/13 17:17	1
Chloromethane	ND		1.0	0.35	ug/L			12/02/13 17:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/02/13 17:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/02/13 17:17	1
Cyclohexane	ND		1.0	0.18	ug/L			12/02/13 17:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/02/13 17:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/02/13 17:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/02/13 17:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/02/13 17:17	1
Methyl acetate	ND		1.0	0.50	ug/L			12/02/13 17:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/02/13 17:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/02/13 17:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/02/13 17:17	1
Styrene	ND		1.0	0.73	ug/L			12/02/13 17:17	1
Tetrachloroethene	1.1		1.0	0.36	ug/L			12/02/13 17:17	1
Toluene	ND		1.0	0.51	ug/L			12/02/13 17:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/02/13 17:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/02/13 17:17	1
Trichloroethene	ND		1.0	0.46	ug/L			12/02/13 17:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/02/13 17:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/02/13 17:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/02/13 17:17	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW1**

**Lab Sample ID: 480-50794-3**

**Date Collected: 11/21/13 13:26**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	93		71 - 126		12/02/13 17:17	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		66 - 137		12/02/13 17:17	1
<i>4-Bromofluorobenzene (Surr)</i>	91		73 - 120		12/02/13 17:17	1

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW10**

**Lab Sample ID: 480-50794-4**

**Date Collected: 11/21/13 14:00**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/02/13 17:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/02/13 17:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/02/13 17:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/02/13 17:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/02/13 17:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/02/13 17:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/02/13 17:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/02/13 17:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/02/13 17:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/02/13 17:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/02/13 17:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/02/13 17:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/02/13 17:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/13 17:40	1
2-Hexanone	ND		5.0	1.2	ug/L			12/02/13 17:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/02/13 17:40	1
Acetone	ND		10	3.0	ug/L			12/02/13 17:40	1
Benzene	ND		1.0	0.41	ug/L			12/02/13 17:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/02/13 17:40	1
Bromoform	ND		1.0	0.26	ug/L			12/02/13 17:40	1
Bromomethane	ND		1.0	0.69	ug/L			12/02/13 17:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/02/13 17:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/02/13 17:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/02/13 17:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/02/13 17:40	1
Chloroethane	ND		1.0	0.32	ug/L			12/02/13 17:40	1
<b>Chloroform</b>	<b>0.94</b>	<b>J</b>	1.0	0.34	ug/L			12/02/13 17:40	1
Chloromethane	ND		1.0	0.35	ug/L			12/02/13 17:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/02/13 17:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/02/13 17:40	1
Cyclohexane	ND		1.0	0.18	ug/L			12/02/13 17:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/02/13 17:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/02/13 17:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/02/13 17:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/02/13 17:40	1
Methyl acetate	ND		1.0	0.50	ug/L			12/02/13 17:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/02/13 17:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/02/13 17:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/02/13 17:40	1
Styrene	ND		1.0	0.73	ug/L			12/02/13 17:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/02/13 17:40	1
Toluene	ND		1.0	0.51	ug/L			12/02/13 17:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/02/13 17:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/02/13 17:40	1
Trichloroethene	ND		1.0	0.46	ug/L			12/02/13 17:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/02/13 17:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/02/13 17:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/02/13 17:40	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW10**

**Lab Sample ID: 480-50794-4**

**Date Collected: 11/21/13 14:00**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	94		71 - 126		12/02/13 17:40	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	93		66 - 137		12/02/13 17:40	1
<i>4-Bromofluorobenzene (Surr)</i>	91		73 - 120		12/02/13 17:40	1

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW12**

**Lab Sample ID: 480-50794-5**

**Date Collected: 11/21/13 15:00**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/02/13 18:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/02/13 18:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/02/13 18:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/02/13 18:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/02/13 18:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/02/13 18:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/02/13 18:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/02/13 18:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/02/13 18:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/02/13 18:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/02/13 18:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/02/13 18:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/02/13 18:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/13 18:05	1
2-Hexanone	ND		5.0	1.2	ug/L			12/02/13 18:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/02/13 18:05	1
Acetone	ND		10	3.0	ug/L			12/02/13 18:05	1
Benzene	ND		1.0	0.41	ug/L			12/02/13 18:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/02/13 18:05	1
Bromoform	ND		1.0	0.26	ug/L			12/02/13 18:05	1
Bromomethane	ND		1.0	0.69	ug/L			12/02/13 18:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/02/13 18:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/02/13 18:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/02/13 18:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/02/13 18:05	1
Chloroethane	ND		1.0	0.32	ug/L			12/02/13 18:05	1
Chloroform	ND		1.0	0.34	ug/L			12/02/13 18:05	1
Chloromethane	ND		1.0	0.35	ug/L			12/02/13 18:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/02/13 18:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/02/13 18:05	1
Cyclohexane	ND		1.0	0.18	ug/L			12/02/13 18:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/02/13 18:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/02/13 18:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/02/13 18:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/02/13 18:05	1
Methyl acetate	ND		1.0	0.50	ug/L			12/02/13 18:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/02/13 18:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/02/13 18:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/02/13 18:05	1
Styrene	ND		1.0	0.73	ug/L			12/02/13 18:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/02/13 18:05	1
Toluene	ND		1.0	0.51	ug/L			12/02/13 18:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/02/13 18:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/02/13 18:05	1
Trichloroethene	ND		1.0	0.46	ug/L			12/02/13 18:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/02/13 18:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/02/13 18:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/02/13 18:05	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW12**

**Lab Sample ID: 480-50794-5**

**Date Collected: 11/21/13 15:00**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	97		71 - 126		12/02/13 18:05	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	91		66 - 137		12/02/13 18:05	1
<i>4-Bromofluorobenzene (Surr)</i>	90		73 - 120		12/02/13 18:05	1

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW-11**

**Lab Sample ID: 480-50794-6**

**Date Collected: 11/21/13 15:05**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/02/13 18:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/02/13 18:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/02/13 18:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/02/13 18:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/02/13 18:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/02/13 18:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/02/13 18:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/02/13 18:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/02/13 18:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/02/13 18:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/02/13 18:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/02/13 18:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/02/13 18:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/13 18:29	1
2-Hexanone	ND		5.0	1.2	ug/L			12/02/13 18:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/02/13 18:29	1
Acetone	ND		10	3.0	ug/L			12/02/13 18:29	1
Benzene	ND		1.0	0.41	ug/L			12/02/13 18:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/02/13 18:29	1
Bromoform	ND		1.0	0.26	ug/L			12/02/13 18:29	1
Bromomethane	ND		1.0	0.69	ug/L			12/02/13 18:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/02/13 18:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/02/13 18:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/02/13 18:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/02/13 18:29	1
Chloroethane	ND		1.0	0.32	ug/L			12/02/13 18:29	1
Chloroform	ND		1.0	0.34	ug/L			12/02/13 18:29	1
Chloromethane	ND		1.0	0.35	ug/L			12/02/13 18:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/02/13 18:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/02/13 18:29	1
Cyclohexane	ND		1.0	0.18	ug/L			12/02/13 18:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/02/13 18:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/02/13 18:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/02/13 18:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/02/13 18:29	1
Methyl acetate	ND		1.0	0.50	ug/L			12/02/13 18:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/02/13 18:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/02/13 18:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/02/13 18:29	1
Styrene	ND		1.0	0.73	ug/L			12/02/13 18:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/02/13 18:29	1
Toluene	ND		1.0	0.51	ug/L			12/02/13 18:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/02/13 18:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/02/13 18:29	1
Trichloroethene	ND		1.0	0.46	ug/L			12/02/13 18:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/02/13 18:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/02/13 18:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/02/13 18:29	1

TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW-11**

**Lab Sample ID: 480-50794-6**

**Date Collected: 11/21/13 15:05**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	98		71 - 126		12/02/13 18:29	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	93		66 - 137		12/02/13 18:29	1
<i>4-Bromofluorobenzene (Surr)</i>	92		73 - 120		12/02/13 18:29	1

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW1 DUP**

**Lab Sample ID: 480-50794-7**

**Date Collected: 11/21/13 15:20**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/02/13 23:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/02/13 23:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/02/13 23:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/02/13 23:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/02/13 23:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/02/13 23:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/02/13 23:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/02/13 23:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/02/13 23:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/02/13 23:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/02/13 23:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/02/13 23:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/02/13 23:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/13 23:58	1
2-Hexanone	ND		5.0	1.2	ug/L			12/02/13 23:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/02/13 23:58	1
Acetone	ND		10	3.0	ug/L			12/02/13 23:58	1
Benzene	ND		1.0	0.41	ug/L			12/02/13 23:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/02/13 23:58	1
Bromoform	ND		1.0	0.26	ug/L			12/02/13 23:58	1
Bromomethane	ND		1.0	0.69	ug/L			12/02/13 23:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/02/13 23:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/02/13 23:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/02/13 23:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/02/13 23:58	1
Chloroethane	ND		1.0	0.32	ug/L			12/02/13 23:58	1
Chloroform	ND		1.0	0.34	ug/L			12/02/13 23:58	1
Chloromethane	ND		1.0	0.35	ug/L			12/02/13 23:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/02/13 23:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/02/13 23:58	1
Cyclohexane	ND		1.0	0.18	ug/L			12/02/13 23:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/02/13 23:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/02/13 23:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/02/13 23:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/02/13 23:58	1
Methyl acetate	ND		1.0	0.50	ug/L			12/02/13 23:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/02/13 23:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/02/13 23:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/02/13 23:58	1
Styrene	ND		1.0	0.73	ug/L			12/02/13 23:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/02/13 23:58	1
Toluene	ND		1.0	0.51	ug/L			12/02/13 23:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/02/13 23:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/02/13 23:58	1
Trichloroethene	ND		1.0	0.46	ug/L			12/02/13 23:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/02/13 23:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/02/13 23:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/02/13 23:58	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW1 DUP**

**Lab Sample ID: 480-50794-7**

**Date Collected: 11/21/13 15:20**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	99		71 - 126		12/02/13 23:58	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	93		66 - 137		12/02/13 23:58	1
<i>4-Bromofluorobenzene (Surr)</i>	92		73 - 120		12/02/13 23:58	1

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-50794-8**

**Date Collected: 11/21/13 00:00**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/02/13 19:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/02/13 19:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/02/13 19:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/02/13 19:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/02/13 19:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/02/13 19:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/02/13 19:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/02/13 19:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/02/13 19:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/02/13 19:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/02/13 19:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/02/13 19:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/02/13 19:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/13 19:17	1
2-Hexanone	ND		5.0	1.2	ug/L			12/02/13 19:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/02/13 19:17	1
Acetone	ND		10	3.0	ug/L			12/02/13 19:17	1
Benzene	ND		1.0	0.41	ug/L			12/02/13 19:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/02/13 19:17	1
Bromoform	ND		1.0	0.26	ug/L			12/02/13 19:17	1
Bromomethane	ND		1.0	0.69	ug/L			12/02/13 19:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/02/13 19:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/02/13 19:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/02/13 19:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/02/13 19:17	1
Chloroethane	ND		1.0	0.32	ug/L			12/02/13 19:17	1
Chloroform	ND		1.0	0.34	ug/L			12/02/13 19:17	1
Chloromethane	ND		1.0	0.35	ug/L			12/02/13 19:17	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/02/13 19:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/02/13 19:17	1
Cyclohexane	ND		1.0	0.18	ug/L			12/02/13 19:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/02/13 19:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/02/13 19:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/02/13 19:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/02/13 19:17	1
Methyl acetate	ND		1.0	0.50	ug/L			12/02/13 19:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/02/13 19:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/02/13 19:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/02/13 19:17	1
Styrene	ND		1.0	0.73	ug/L			12/02/13 19:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/02/13 19:17	1
Toluene	ND		1.0	0.51	ug/L			12/02/13 19:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/02/13 19:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/02/13 19:17	1
Trichloroethene	ND		1.0	0.46	ug/L			12/02/13 19:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/02/13 19:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/02/13 19:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/02/13 19:17	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-50794-8**

**Date Collected: 11/21/13 00:00**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	99		71 - 126		12/02/13 19:17	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		66 - 137		12/02/13 19:17	1
<i>4-Bromofluorobenzene (Surr)</i>	91		73 - 120		12/02/13 19:17	1



## Surrogate Summary

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		TOL (71-126)	12DCE (66-137)	BFB (73-120)
480-50794-1	131121 GP9	96	91	88
480-50794-2	131121 MW8D	98	92	90
480-50794-3	131121 MW1	93	92	91
480-50794-3 MS	131121 MW1	99	94	92
480-50794-3 MSD	131121 MW1	97	94	92
480-50794-4	131121 MW10	94	93	91
480-50794-5	131121 MW12	97	91	90
480-50794-6	131121 MW-11	98	93	92
480-50794-7	131121 MW1 DUP	99	93	92
480-50794-8	TRIP BLANK	99	92	91
LCS 480-155089/5	Lab Control Sample	98	93	94
LCS 480-155243/4	Lab Control Sample	100	93	95
MB 480-155089/7	Method Blank	100	92	90
MB 480-155243/6	Method Blank	98	93	92

#### Surrogate Legend

TOL = Toluene-d8 (Surr)

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

# QC Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

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

Lab Sample ID: MB 480-155089/7

Matrix: Water

Analysis Batch: 155089

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/02/13 11:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/02/13 11:55	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/02/13 11:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/02/13 11:55	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/02/13 11:55	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/02/13 11:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/02/13 11:55	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/02/13 11:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/02/13 11:55	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/02/13 11:55	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/02/13 11:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/02/13 11:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/02/13 11:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/13 11:55	1
2-Hexanone	ND		5.0	1.2	ug/L			12/02/13 11:55	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/02/13 11:55	1
Acetone	ND		10	3.0	ug/L			12/02/13 11:55	1
Benzene	ND		1.0	0.41	ug/L			12/02/13 11:55	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/02/13 11:55	1
Bromoform	ND		1.0	0.26	ug/L			12/02/13 11:55	1
Bromomethane	ND		1.0	0.69	ug/L			12/02/13 11:55	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/02/13 11:55	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/02/13 11:55	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/02/13 11:55	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/02/13 11:55	1
Chloroethane	ND		1.0	0.32	ug/L			12/02/13 11:55	1
Chloroform	ND		1.0	0.34	ug/L			12/02/13 11:55	1
Chloromethane	ND		1.0	0.35	ug/L			12/02/13 11:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/02/13 11:55	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/02/13 11:55	1
Cyclohexane	ND		1.0	0.18	ug/L			12/02/13 11:55	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/02/13 11:55	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/02/13 11:55	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/02/13 11:55	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/02/13 11:55	1
Methyl acetate	ND		1.0	0.50	ug/L			12/02/13 11:55	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/02/13 11:55	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/02/13 11:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/02/13 11:55	1
Styrene	ND		1.0	0.73	ug/L			12/02/13 11:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/02/13 11:55	1
Toluene	ND		1.0	0.51	ug/L			12/02/13 11:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/02/13 11:55	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/02/13 11:55	1
Trichloroethene	ND		1.0	0.46	ug/L			12/02/13 11:55	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/02/13 11:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/02/13 11:55	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/02/13 11:55	1

TestAmerica Buffalo

# QC Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

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

Lab Sample ID: MB 480-155089/7

Matrix: Water

Analysis Batch: 155089

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Surrogate</i>	<i>MB</i> <i>%Recovery</i>	<i>MB</i> <i>Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Toluene-d8 (Surr)</i>	100		71 - 126		12/02/13 11:55	1
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		66 - 137		12/02/13 11:55	1
<i>4-Bromofluorobenzene (Surr)</i>	90		73 - 120		12/02/13 11:55	1

Lab Sample ID: LCS 480-155089/5

Matrix: Water

Analysis Batch: 155089

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

<i>Analyte</i>	<i>Spike</i> <i>Added</i>	<i>LCS</i> <i>Result</i>	<i>LCS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1-Dichloroethane	25.0	24.0		ug/L		96	71 - 129
1,1-Dichloroethene	25.0	23.4		ug/L		94	58 - 121
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	23.2		ug/L		93	75 - 127
Benzene	25.0	24.4		ug/L		98	71 - 124
Chlorobenzene	25.0	25.7		ug/L		103	72 - 120
cis-1,2-Dichloroethene	25.0	24.8		ug/L		99	74 - 124
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Methyl tert-butyl ether	25.0	25.8		ug/L		103	64 - 127
Tetrachloroethene	25.0	25.8		ug/L		103	74 - 122
Toluene	25.0	24.0		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
Trichloroethene	25.0	24.8		ug/L		99	74 - 123

<i>Surrogate</i>	<i>LCS</i> <i>%Recovery</i>	<i>LCS</i> <i>Qualifier</i>	<i>Limits</i>
<i>Toluene-d8 (Surr)</i>	98		71 - 126
<i>1,2-Dichloroethane-d4 (Surr)</i>	93		66 - 137
<i>4-Bromofluorobenzene (Surr)</i>	94		73 - 120

Lab Sample ID: 480-50794-3 MS

Matrix: Water

Analysis Batch: 155089

Client Sample ID: 131121 MW1

Prep Type: Total/NA

<i>Analyte</i>	<i>Sample</i> <i>Result</i>	<i>Sample</i> <i>Qualifier</i>	<i>Spike</i> <i>Added</i>	<i>MS</i> <i>Result</i>	<i>MS</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec.</i> <i>Limits</i>
1,1-Dichloroethane	ND		25.0	24.8		ug/L		99	71 - 129
1,1-Dichloroethene	ND		25.0	25.4		ug/L		102	58 - 121
1,2-Dichlorobenzene	ND		25.0	25.4		ug/L		101	80 - 124
1,2-Dichloroethane	ND		25.0	24.0		ug/L		96	75 - 127
Benzene	ND		25.0	26.0		ug/L		104	71 - 124
Chlorobenzene	ND		25.0	26.8		ug/L		107	72 - 120
cis-1,2-Dichloroethene	ND		25.0	26.2		ug/L		105	74 - 124
Ethylbenzene	ND		25.0	25.1		ug/L		101	77 - 123
Methyl tert-butyl ether	ND		25.0	26.8		ug/L		107	64 - 127
Tetrachloroethene	1.1		25.0	26.5		ug/L		102	74 - 122
Toluene	ND		25.0	25.2		ug/L		101	80 - 122
trans-1,2-Dichloroethene	ND		25.0	27.3		ug/L		109	73 - 127
Trichloroethene	ND		25.0	26.2		ug/L		105	74 - 123

TestAmerica Buffalo

# QC Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

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

Lab Sample ID: 480-50794-3 MS

Matrix: Water

Analysis Batch: 155089

Client Sample ID: 131121 MW1

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr)	99		71 - 126
1,2-Dichloroethane-d4 (Surr)	94		66 - 137
4-Bromofluorobenzene (Surr)	92		73 - 120

Lab Sample ID: 480-50794-3 MSD

Matrix: Water

Analysis Batch: 155089

Client Sample ID: 131121 MW1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	ND		25.0	27.3		ug/L		109	71 - 129	10	20
1,1-Dichloroethene	ND		25.0	27.8		ug/L		111	58 - 121	9	16
1,2-Dichlorobenzene	ND		25.0	27.7		ug/L		111	80 - 124	9	20
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	75 - 127	9	20
Benzene	ND		25.0	28.3		ug/L		113	71 - 124	9	13
Chlorobenzene	ND		25.0	28.9		ug/L		116	72 - 120	8	25
cis-1,2-Dichloroethene	ND		25.0	28.1		ug/L		112	74 - 124	7	15
Ethylbenzene	ND		25.0	27.7		ug/L		111	77 - 123	10	15
Methyl tert-butyl ether	ND		25.0	25.5		ug/L		102	64 - 127	5	37
Tetrachloroethene	1.1		25.0	29.2		ug/L		112	74 - 122	9	20
Toluene	ND		25.0	27.3		ug/L		109	80 - 122	8	15
trans-1,2-Dichloroethene	ND		25.0	29.5		ug/L		118	73 - 127	8	20
Trichloroethene	ND		25.0	28.4		ug/L		113	74 - 123	8	16

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Toluene-d8 (Surr)	97		71 - 126
1,2-Dichloroethane-d4 (Surr)	94		66 - 137
4-Bromofluorobenzene (Surr)	92		73 - 120

Lab Sample ID: MB 480-155243/6

Matrix: Water

Analysis Batch: 155243

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/02/13 23:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/02/13 23:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/02/13 23:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/02/13 23:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/02/13 23:25	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/02/13 23:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/02/13 23:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/02/13 23:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/02/13 23:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/02/13 23:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/02/13 23:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/02/13 23:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/02/13 23:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/02/13 23:25	1
2-Hexanone	ND		5.0	1.2	ug/L			12/02/13 23:25	1

TestAmerica Buffalo

# QC Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

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

Lab Sample ID: MB 480-155243/6

Matrix: Water

Analysis Batch: 155243

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/02/13 23:25	1
Acetone	ND		10	3.0	ug/L			12/02/13 23:25	1
Benzene	ND		1.0	0.41	ug/L			12/02/13 23:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/02/13 23:25	1
Bromoform	ND		1.0	0.26	ug/L			12/02/13 23:25	1
Bromomethane	ND		1.0	0.69	ug/L			12/02/13 23:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/02/13 23:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/02/13 23:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/02/13 23:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/02/13 23:25	1
Chloroethane	ND		1.0	0.32	ug/L			12/02/13 23:25	1
Chloroform	ND		1.0	0.34	ug/L			12/02/13 23:25	1
Chloromethane	ND		1.0	0.35	ug/L			12/02/13 23:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/02/13 23:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/02/13 23:25	1
Cyclohexane	ND		1.0	0.18	ug/L			12/02/13 23:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/02/13 23:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/02/13 23:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/02/13 23:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/02/13 23:25	1
Methyl acetate	ND		1.0	0.50	ug/L			12/02/13 23:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/02/13 23:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/02/13 23:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/02/13 23:25	1
Styrene	ND		1.0	0.73	ug/L			12/02/13 23:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/02/13 23:25	1
Toluene	ND		1.0	0.51	ug/L			12/02/13 23:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/02/13 23:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/02/13 23:25	1
Trichloroethene	ND		1.0	0.46	ug/L			12/02/13 23:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/02/13 23:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/02/13 23:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/02/13 23:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		71 - 126		12/02/13 23:25	1
1,2-Dichloroethane-d4 (Surr)	93		66 - 137		12/02/13 23:25	1
4-Bromofluorobenzene (Surr)	92		73 - 120		12/02/13 23:25	1

Lab Sample ID: LCS 480-155243/4

Matrix: Water

Analysis Batch: 155243

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	24.7		ug/L		99	71 - 129
1,1-Dichloroethene	25.0	23.3		ug/L		93	58 - 121
1,2-Dichlorobenzene	25.0	27.2		ug/L		109	80 - 124
1,2-Dichloroethane	25.0	24.4		ug/L		98	75 - 127

TestAmerica Buffalo



# QC Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

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

Lab Sample ID: LCS 480-155243/4

Matrix: Water

Analysis Batch: 155243

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	25.3		ug/L		101	71 - 124
Chlorobenzene	25.0	27.7		ug/L		111	72 - 120
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	74 - 124
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
Methyl tert-butyl ether	25.0	24.2		ug/L		97	64 - 127
Tetrachloroethene	25.0	27.1		ug/L		109	74 - 122
Toluene	25.0	25.8		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	25.8		ug/L		103	73 - 127
Trichloroethene	25.0	26.0		ug/L		104	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	100		71 - 126
1,2-Dichloroethane-d4 (Surr)	93		66 - 137
4-Bromofluorobenzene (Surr)	95		73 - 120

## QC Association Summary

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

### GC/MS VOA

#### Analysis Batch: 155089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-50794-1	131121 GP9	Total/NA	Water	8260C	
480-50794-2	131121 MW8D	Total/NA	Water	8260C	
480-50794-3	131121 MW1	Total/NA	Water	8260C	
480-50794-3 MS	131121 MW1	Total/NA	Water	8260C	
480-50794-3 MSD	131121 MW1	Total/NA	Water	8260C	
480-50794-4	131121 MW10	Total/NA	Water	8260C	
480-50794-5	131121 MW12	Total/NA	Water	8260C	
480-50794-6	131121 MW-11	Total/NA	Water	8260C	
480-50794-8	TRIP BLANK	Total/NA	Water	8260C	
LCS 480-155089/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-155089/7	Method Blank	Total/NA	Water	8260C	

#### Analysis Batch: 155243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-50794-7	131121 MW1 DUP	Total/NA	Water	8260C	
LCS 480-155243/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-155243/6	Method Blank	Total/NA	Water	8260C	

## Lab Chronicle

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 GP9**

**Date Collected: 11/21/13 12:50**

**Date Received: 11/23/13 02:00**

**Lab Sample ID: 480-50794-1**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155089	12/02/13 16:28	RAL	TAL BUF

**Client Sample ID: 131121 MW8D**

**Date Collected: 11/21/13 13:00**

**Date Received: 11/23/13 02:00**

**Lab Sample ID: 480-50794-2**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155089	12/02/13 16:53	RAL	TAL BUF

**Client Sample ID: 131121 MW1**

**Date Collected: 11/21/13 13:26**

**Date Received: 11/23/13 02:00**

**Lab Sample ID: 480-50794-3**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155089	12/02/13 17:17	RAL	TAL BUF

**Client Sample ID: 131121 MW10**

**Date Collected: 11/21/13 14:00**

**Date Received: 11/23/13 02:00**

**Lab Sample ID: 480-50794-4**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155089	12/02/13 17:40	RAL	TAL BUF

**Client Sample ID: 131121 MW12**

**Date Collected: 11/21/13 15:00**

**Date Received: 11/23/13 02:00**

**Lab Sample ID: 480-50794-5**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155089	12/02/13 18:05	RAL	TAL BUF

**Client Sample ID: 131121 MW-11**

**Date Collected: 11/21/13 15:05**

**Date Received: 11/23/13 02:00**

**Lab Sample ID: 480-50794-6**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155089	12/02/13 18:29	RAL	TAL BUF

TestAmerica Buffalo

## Lab Chronicle

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

**Client Sample ID: 131121 MW1 DUP**

**Lab Sample ID: 480-50794-7**

**Date Collected: 11/21/13 15:20**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155243	12/02/13 23:58	LCH	TAL BUF

**Client Sample ID: TRIP BLANK**

**Lab Sample ID: 480-50794-8**

**Date Collected: 11/21/13 00:00**

**Matrix: Water**

**Date Received: 11/23/13 02:00**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155089	12/02/13 19:17	RAL	TAL BUF

### Laboratory References:

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

# Certification Summary

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

## Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13 *
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13 *
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13 *
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13 *
Wisconsin	State Program	5	998310390	08-31-14

\* Expired certification is currently pending renewal and is considered valid.

TestAmerica Buffalo



## Method Summary

Client: New York State D.E.C.  
Project/Site: NYSDEC-Autohaus: Site# 828084

TestAmerica Job ID: 480-50794-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by 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

## Sample Summary

Client: New York State D.E.C.

TestAmerica Job ID: 480-50794-1

Project/Site: NYSDEC-Autohaus: Site# 828084

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-50794-1	131121 GP9	Water	11/21/13 12:50	11/23/13 02:00
480-50794-2	131121 MW8D	Water	11/21/13 13:00	11/23/13 02:00
480-50794-3	131121 MW1	Water	11/21/13 13:26	11/23/13 02:00
480-50794-4	131121 MW10	Water	11/21/13 14:00	11/23/13 02:00
480-50794-5	131121 MW12	Water	11/21/13 15:00	11/23/13 02:00
480-50794-6	131121 MW-11	Water	11/21/13 15:05	11/23/13 02:00
480-50794-7	131121 MW1 DUP	Water	11/21/13 15:20	11/23/13 02:00
480-50794-8	TRIP BLANK	Water	11/21/13 00:00	11/23/13 02:00

## Chain of Custody Record

Temperature on Receipt \_\_\_\_\_

THE LEADER IN ENVIRONMENTAL TESTING

Drinking Water? Yes ☐ No ☐

TAL-4124 (1007)

Client: **WYSE D E C**  
**WILL WELLS INC -**

Address	Telephone Number
New York State DEC, 625 Broadway, 12 <sup>th</sup> Fl 10011	

City Albany, NY

Project Name and Location (State)

Autokaas P28084, 275 DEC

Contract/Purchase Order/Quote No.

Project Manager

WELING-

Telephone Number (Area Code)/Fax Number

Site Contact

WELCH

Carrier Waybill Number

Chain of Custody Number  
248043

Date 11/21/2013

Page 1 of 1

*Analysis (Attach list if more space is needed)*

Special Instructions/  
Conditions of Receipt[illegible]

Possible Hazard Identification

☒ Non-Hazardous ☐ Flammable ☐ Skin Irritant

**Turn Around Time Required**

☐ 24 Hours ☐ 48 Hours

1. Acquired By

7A, 1000

## 2. Relinquished By

10

### 3. Relinquished By

## Comments

**DISTRIBUTION:** WHITE - Returned to Client with Report; CALAFITY - Stays with the Sample; PINK - Field Copy

## Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-50794-1

**Login Number: 50794**

**List Source: TestAmerica Buffalo**

**List Number: 1**

**Creator: Wienke, Robert K**

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	N/A	
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	

## Appendix 3 – IC/EC Certification



**Enclosure 1**  
**Engineering Controls - Standby Consultant/Contractor Certification Form**



Site Details		Box 1	
<b>Site No.</b>	<b>828084</b>		
<b>Site Name Autohaus of Rochester</b>			
Site Address: 99 Marsh Road		Zip Code: 14445	
City/Town: East Rochester			
County: Monroe			
Site Acreage: 1.6			
Reporting Period: December 31, 2011 to December 31, 2013			
		YES	NO
1.	Is the information above correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If NO, include handwritten above or on a separate sheet.			
2.	To your knowledge has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	To your knowledge has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	To your knowledge have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.</b>			
5.	To your knowledge is the site currently undergoing development?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
		<b>Box 2</b>	
		YES	NO
6.	Is the current site use consistent with the use(s) listed below? Commercial and Industrial	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.	Are all ICs/ECs in place and functioning as designed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and contact the DEC PM regarding the development of a Corrective Measures Work Plan to address these issues.</b>			
_____ Signature of Standby Consultant/Contractor		_____ Date	



**SITE NO. 828084**

**Box 3**

**Description of Institutional Controls**

Parcel

Owner

Institutional Control

**152.13-3-4**

99 Marsh Road LLC - Pat Cortese

Monitoring Plan  
Site Management Plan

Site Management Plan must be adhered to.

**Box 4**

**Description of Engineering Controls**

None Required

Not Applicable/No EC's

**Periodic Review Report (PRR) Certification Statements**

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification, including data and material prepared by previous contractors for the current certifying period, if any;

b) 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, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) nothing has occurred that would constitute a failure to comply with the Site Management Plan, or equivalent if no Site Management Plan exists.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and contact the DEC PM regarding the development of a Corrective Measures Work Plan to address these issues.**

\_\_\_\_\_  
Signature of Standby Consultant/Contractor

\_\_\_\_\_  
Date

IC/EC CERTIFICATIONS

Box 6

Signature

I certify that all information in Boxes 2 through 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.

William B. Welling at NYSDEC  
print name  
625 Broadway - Floor 12  
Albany, NY 12233-7017  
(print business address)

am certifying as an *Engineering Geologist 2, NYSDEC Project Manager*

William B. Welling 4/2/2014  
Signature of Stamp Date  
(Required for PE)