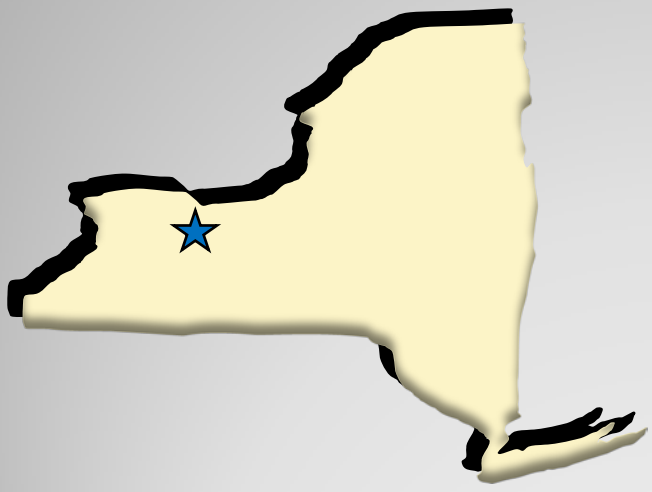
FINAL PERIODIC REVIEW REPORT (AUGUST 2007-OCTOBER 2008)

Autohaus of Rochester Site (8-28-024)
Monroe County, East Rochester, New York



Prepared for:

New York State Department of Environmental Conservation
Division of Environmental Remediation

Prepared by:

EA ENGINEERING, P.C. and Its Affiliate
EA SCIENCE and TECHNOLOGY

March 2009

Periodic Review Report (August 2007 – October 2008) for Autohaus of Rochester (8-28-084) East Rochester, New York

Prepared for

New York State Department of Environmental Conservation
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Albany, New York 12233

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March 25, 2009
Christopher J. Canonica, P.E., Program Manager — Date
EA Engineering, P.C.

March 25, 2009
Maureen S. Whalen, C.P.G., Project Manager — Date
EA Science and Technology

March 2009
Revision: FINAL
EA Project No. 14474.05

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1. INTRODUCTION

The New York State Department of Environmental Conservation (NYSDEC) tasked EA Engineering, P.C. and its affiliate EA Science and Technology (EA) to provide site management from 28 May 2007 to 28 May 2011 at the Autohaus of Rochester site located at 99 March Road in the village of East Rochester, town of Perinton, Monroe County, New York (Figure 1). This Work Assignment is being conducted under the NYSDEC State Superfund Standby Contract (Work Assignment No. D004441-5).

One groundwater monitoring well was installed at the site in August 2007. The annual groundwater monitoring and facility maintenance programs were conducted at the site in October 2007 and October 2008. Site monitoring is required by and stipulated in the Record of Decision. The purpose of this report is to summarize the field activities and analytical results of the annual groundwater monitoring event and site management activities that have been completed to date and to offer recommendations for future site monitoring and maintenance activities.

1.1 BACKGROUND

The Autohaus of Rochester site covers approximately 1.6 acres and is surrounded by commercial and residential development. A partially constructed residential development is located north of the site. The residential development property of approximately 16 acres was formerly used by the village of East Rochester as a public water supply well field. The remaining adjacent properties are occupied by a car dealership to the northeast; Marsh Road to the east and southeast; and a railroad embankment to the south. The site was a luxury car dealership and is currently listed by the NYSDEC as a Class 2 inactive hazardous waste site.

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 was connected to the shop floor drain in the Autohaus 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.

A Record of Decision dated March 1998 selected a 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 six monitoring wells and are analyzed for VOCs.

1.2 POST-CLOSURE MONITORING OBJECTIVES

In accordance with the Site Management Plan (SMP) (EA, 2007)[1], environmental monitoring points will be maintained and sampled during the post-closure monitoring period. This includes collection of groundwater samples from various locations at the site. Sampling locations, methods and parameters, and other required maintenance activities, such as monitoring well installation activities, are documented in the SMP. It is anticipated that during the course of the work assignment, the SMP will be periodically re-evaluated based on the data collected at the site so that the monitoring plan may be refined to address site-specific issues.

The objectives of the monitoring program are to:

- Collect representative groundwater samples in order to confirm the current trend of declining groundwater contaminant concentrations in the monitoring wells

- Evaluate the data to determine whether any potential impacts may be occurring that could affect human health or the environment

1.3 PERIODIC REVIEW REPORT

The purpose of this Periodic Review Report is to summarize the results of the 2007-2008 annual groundwater sampling events 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. Specifically, this report provides the following information:

- Results of groundwater monitoring
- Maintenance activities performed to date
- Results of well rehabilitation/replacement activities.

This report also documents any problems or changes necessary for the site to be in compliance with the SMP, including removal of Institutional Controls/Engineering Controls that are no longer applicable; modifications in monitoring, as applicable; or including a Corrective Action Work Plan and schedule, as necessary. A completed Institutional and Engineering Controls Certification Form is provided in Appendix A.

[1] EA Engineering, P.C., and its affiliate EA Science and Technology, 2007. Site Management Plan for the Autohaus Site, East Rochester, Monroe County, New York (NYSDEC Site No. 8-28-084). October.

1.4 REPORT ORGANIZATION

A summary of field activities and results, including groundwater monitoring well installation and groundwater sampling and analysis is included in Sections 2 and 3. Analytical results are summarized in table format. Section 4 presents recommendations for future site management.

The following are provided as appendices:

- **Appendix A**—Institutional and Engineering Controls Certification Form
- **Appendix B**—Daily Field Reports
- **Appendix C**—Boring Log
- **Appendix D**—Groundwater Sampling Forms
- **Appendix E**—Analytical Forms Is
- **Appendix F**—Data Usability Summary Reports (DUSR).

2. MONITORING WELL INSTALLATION

2.1 MONITORING WELL INSTALLATION AND DEVELOPMENT

While the well field to the northwest of the site was in operation, groundwater flowed in a westerly direction across the site. Following the abandonment of the well field, groundwater flow reverted to pre-pumping conditions with flow to the north/northeast. The monitoring well array for the site was put in place during the operational phase of the well field and did not provide a monitoring point down gradient to the northeast of the original area of contamination. In accordance with the SMP, an additional monitoring well (MW-10) was installed on 16 August 2007. An EA field geologist observed the drilling and installation of the monitoring well according to the procedures described below. The daily field report is provided in Appendix B. The soil boring log and monitoring well construction diagram are provided in Appendix C.

2.1.1 Monitoring Well Installation Method

One shallow monitoring well was installed in accordance with the SMP. The monitoring well was installed approximately 19 ft below ground surface (bgs) and screened to intersect the local groundwater table. The monitoring well was installed using a 4.25-in. inner diameter (ID) hollow-stem auger. Macro-cores and photo-ionization detector (PID) readings were recorded for the entire well boring. The borehole was overdrilled to approximately 1 ft beyond the anticipated bottom of the monitoring well. Groundwater was encountered at approximately 6 ft bgs. The monitoring well was installed at 19 ft bgs so that a substantial volume of groundwater could be captured.

The bottom of the well screen was fitted with a new 2 in. well cap. The monitoring well was constructed with 15 ft of new 2-in. ID threaded, flush-joint Schedule 40 polyvinyl chloride (PVC) machine-slotted (slot size 0.010 in.) well screen and an appropriate length of new 2-in. ID PVC riser pipe to grade. The location of the new monitoring well is illustrated in Figure 2.

After the well screen and riser pipe were positioned at the desired depth, the annular space between the borehole and the PVC well screen was packed with clean Morie #0 sand. The augers were raised while the filter pack was set, and the depth to the sand pack inside the augers was measured continuously to ensure that no air pockets or bridging formed. The top of the filter packs extended approximately 1 ft above the top of the screen. A 1 ft bentonite chip seal was set above the filter pack and hydrated. The remaining annular space was backfilled with a grout/bentonite mixture to grade. The well was finished with a protective steel flush-mount casing and cover.

2.1.2 Monitoring Well Development

The monitoring well was developed on 20 August 2007. The well was developed using surging and pumping techniques. Well development was considered complete when temperature, conductivity, and pH had stabilized and a turbidity of less than 50 nephelometric turbidity units was achieved, or the well was pumped dry. Development water was discharged to the ground surface away from the well. The monitoring well development parameters identified in the SMP were achieved within 12 minutes of purging. No non-aqueous phase liquid or odor was observed during well development. The monitoring well development log is provided in Appendix C.

3. GROUNDWATER MONITORING

3.1 MONITORING WELL GAUGING/GROUNDWATER FLOW

The site monitoring wells were gauged prior to each annual sampling event. Monitoring well and piezometers locations are illustrated in Figure 2. Water elevation data for each sampling event are summarized in the table below:

Monitoring Well / Piezometer	Measuring Point Elevation (ft AMSL)	Water Elevation (ft AMSL)	
		October 2007	October 2008
MW-01	419.24	410.21	410.04
MW-08S	420.40	408.14	407.77
MW-08D	421.13	405.71	405.13
MW-09	430.78	406.05	405.58
MW-10	418.13	409.53	409.12
GP-09	418.35	405.83	405.19

NOTE: AMSL = Above mean sea level
N/A = Not available.

Groundwater elevations were calculated based on data from the shallow monitoring wells and piezometers. The elevations were used to construct a groundwater flow map for each annual sampling event (Figures 3 and 4). Shallow groundwater flows generally to the north/northwest at the site. Based on the available data, there appears to be a groundwater divide in the center of the site, however, this may be an artifact of the distribution of gauging points and may not be representative of subsurface conditions.

3.2 GROUNDWATER SAMPLING AND ANALYSIS

The site monitoring wells were sampled in accordance with the SMP during the annual monitoring events (October 2007 and October 2008). A total of six groundwater samples were collected during each annual sampling event. Each well was purged using low-flow techniques (peristaltic pump) and water quality readings were allowed to stabilize prior to sample collection. Samples were collected in accordance with procedures outlined in the SMP utilizing a dedicated bailer. Samples were submitted to Life Science Laboratories of East Syracuse, New York for analysis of VOCs using U.S. Environmental Protection Agency (USEPA) Method 8260 B in accordance with the NYSDEC Analytical Services Protocol. In addition, monitoring well MW-09 was analyzed for ethylene glycol during the 2008 annual sampling event, at the request of the NYSDEC Project Manager.

Analytical results for the annual groundwater sampling events were compared to NYSDEC Ambient Water Quality Standards (AWQS)[2] for Class GA waters. Class GA groundwater is used as a source of drinking water. Analytical results are summarized in Tables 1 and 2 and illustrated on Figure 5.

Several VOCs have been detected during the annual monitoring events. However, only 1,2-dichlorobenzene was detected above the NYSDEC AWQS during each annual sampling event and only at one sampling location (GP-09). Concentrations 1,2-dichlorobenzene with GP-09 decreased from 46.70 micrograms per liter (µg/L) in October 2007 to 9.360 µg/L in October 2008.

Benzene (1.160 µg/L), ethylbenzene (6.030 µg/L), toluene (9.570 µg/L), and total xylenes (27.30 µg/L) were also detected above AWQS the samples from piezometer GP-09 during the 2007 sampling event. Benzene (1.190 µg/L) and 1,1-dichloroethane (5.770 µg/L) were detected above AWQS at monitoring well MW-09 during the same event. The only other analyte detected above AWQS during the October 2008 sampling event was 1,2-dibromo-3-chloropropane (5.420 µg/L) in GP-09.

Overall, the concentration of 1,2-dichlorobenzene, along with most additional analytes detected during each annual sampling event, appears to be decreasing.

Ethylene glycol was not detected within MW-09 at levels above the laboratory detection limits during the October 2008 sampling event.

3.1 SPLIT SAMPLES

At the request of the NYSDEC Project Manager, split samples were collected by a NYSDEC-approved contractor from each monitoring well during the October 2008 sampling event. Split samples were independently analyzed for VOCs by USEPA Method 8260B. Split sample analytical results are included as Appendix F.

No significant differences were observed between the original and split samples collected during the October 2008 sampling event.

2 New York State Department of Environmental Conservation. 1999. Water Quality Regulations – Surface Water and Groundwater Classifications and Standards New York State Codes, Rules and Regulation Title 6, Chapter X Parts 700-706.

4. RECOMMENDATIONS

This section provides recommendations for future site management activities, based upon the current SMP and sampling results from 2007 and 2008 annual monitoring events. Any significant changes recommended and approved by the NYSDEC will be incorporated into an amended SMP.

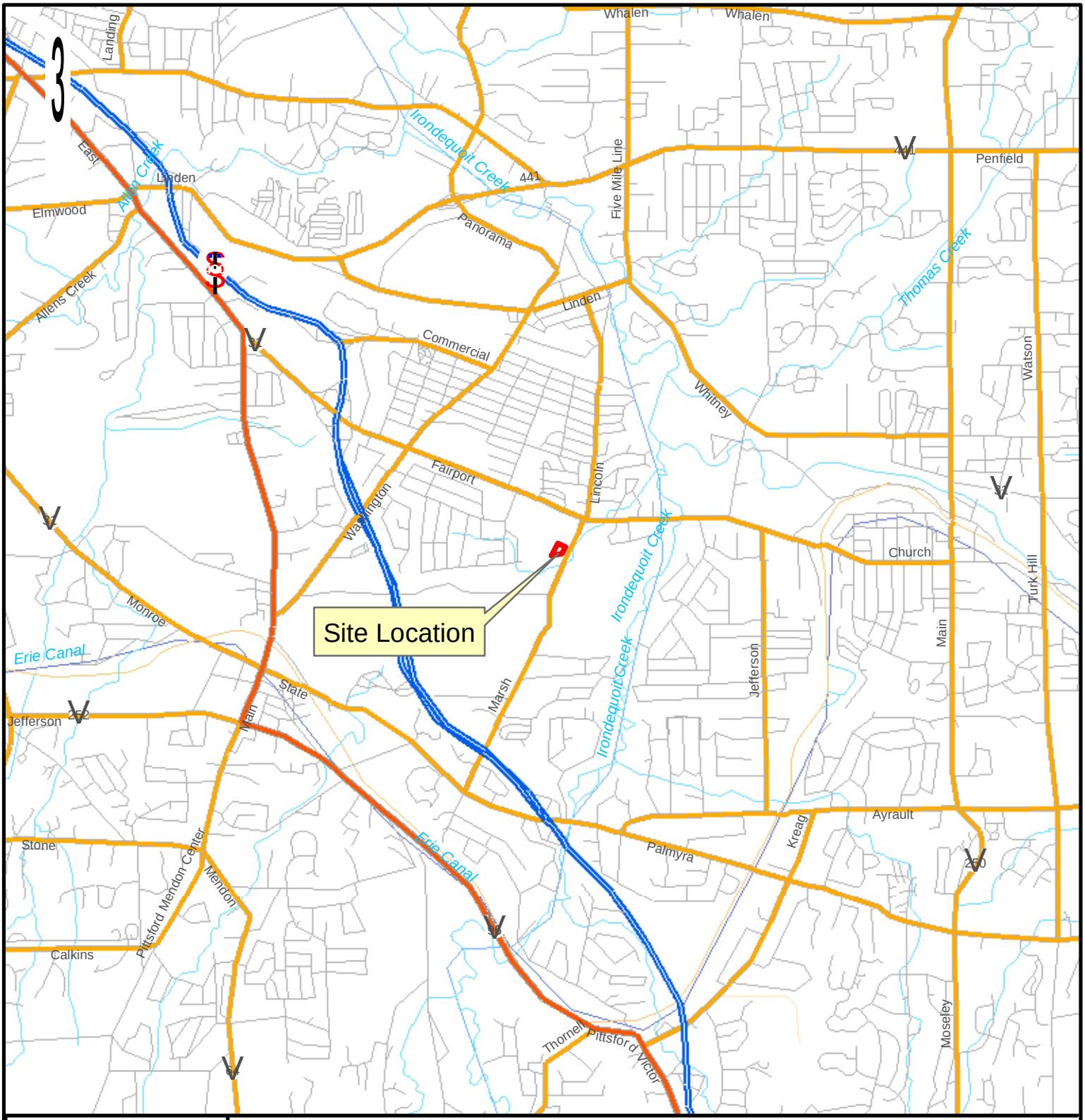
4.1 GROUNDWATER MONITORING/GAUGING

Based on the 2007 and 2008 quarterly analytical data, VOCs including 1,2-dichlorobenzene, ethylbenzene, and toluene have been detected in site-related monitoring wells at concentrations slightly above NYSDEC AWQS. Benzene was detected above AWQS at two locations in 2007, but was not detected above AWQS during the 2008 sampling event. Similarly, 1,1-dichloroethane was detected above AWQS within MW-09 (5.77 µg/L) during the October 2007 sampling event, but was not detected above AWQS during the October 2008 event.

In general, concentrations of VOCs at the site monitoring wells have decreased between the 2007 and 2008 annual sampling events and from historic monitoring events dating back to 1990.

However, it should be noted that the two annual sampling events performed for this work assignment to date have occurred within the month of October. This is typically a period of seasonally low groundwater elevation and, as such, may not accurately reflect seasonal variations in groundwater VOC concentrations. Therefore, EA recommends that the 2009 annual sampling event be completed during the spring of 2009, when a higher water table may mobilize any VOCs trapped within the vadose zone. If this sampling event illustrates a continued decrease in VOC impact at the site wells, with minimal exceedences of AWQS, then a further evaluation of the need for future sampling efforts will be performed. Continued decreases in VOC concentrations at the site wells may indicate the site is a candidate for delisting from the New York State Registry of Inactive Hazardous Waste Sites.

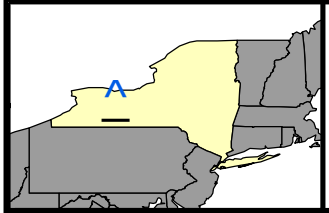
In addition, to gain better understanding of groundwater flow at the site, it is recommended that quarterly gauging events be completed at the site throughout 2009. This would allow for any variations in seasonal groundwater flow to be observed and help to better define the groundwater flow at the site with respect to the apparent groundwater divide observed during the previous sampling events.



AUTOHAUS OF ROCHESTER SITE (8-28-084)
EAST ROCHESTER, NEW YORK

FIGURE 1
SITE LOCATION

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	
MSW	FDJR	FDJR	MSW	AS SHOWN	MARCH 2009	14474.05	\GIS\ Figure1_Loc.mxd



Legend

Property Boundary

Monitoring well

0 100

Feet

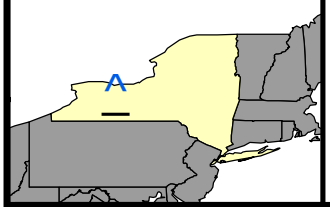
Source: ESRI STREETMAP 2005

AUTOHAUS OF ROCHESTER SITE (8-28-084)
EAST ROCHESTER, NEW YORK

FIGURE 2
GROUNDWATER MONITORING LOCATIONS

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	
MSW	CJS	CJS	MSW	AS SHOWN	MARCH 2009	14474.05	\GIS\ Figure_2mxd

3



Legend

Property Boundary

Monitoring well

Groundwater Flow Direction

Groundwater Elevation Contour

0 100

Feet

Source: ESRI STREETMAP 2005

AUTOHAUS OF ROCHESTER SITE (8-28-084)
EAST ROCHESTER, NEW YORK

FIGURE 3
GROUNDWATER ELEVATIONS
OCTOBER 2007

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	
MSW	CJS	CJS	MSW	AS SHOWN	MARCH 2009	14474.05	\GIS\ Figure_3.mxd

AUTOHAUS OF ROCHESTER SITE (8-28-084)
EAST ROCHESTER, NEW YORK

FIGURE 4
GROUNDWATER ELEVATIONS
OCTOBER 2008

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	
MSW	MJS	MJS	DCC	AS SHOWN	MARCH 2009	14474.05	\GIS\ FIGURE_2.MXD

AUTOHAUS OF ROCHESTER SITE (8-28-084)
EAST ROCHESTER, NEW YORK

FIGURE 5
VOLATILE ORGANIC COMPOUNDS
IN GROUNDWATER SAMPLES

PROJECT MGR:	DESIGNED BY:	CREATED BY:	CHECKED BY:	SCALE:	DATE:	PROJECT NO:	
MSW	CJS	CJS	MSW	AS SHOWN	MARCH 2009	14474.05	\GIS\ Figure_5.mxd

TABLE 1 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES COLLECTED OCTOBER 2007

Parameter List USEPA Method 8260	Sample ID Sample Type Sample Date	8-24-084-MW-01 Groundwater 10/11/2007		8-28-084-MW-08S Groundwater 10/11/2007		8-28-084-MW-08D Groundwater 10/11/2007		8-24-084-MW-09 Groundwater 10/11/2007		8-24-084-MW-10 Groundwater 10/11/2007		8-24-084-GP-09 Groundwater 10/11/2007		8-24-084-Dup Groundwater 10/11/2007		Trip Blank Groundwater 6/26/2007		NYSDEC Ambient Water Quality Standard (ug/L)
Acetone	µg/L		U		U		U		U		U	5.160	J	1.030	J		U	50 (g)
Benzene	µg/L		U		U		U	**1.190**			U	**1.160**			U		U	1 (s)
Chlorobenzene	µg/L		U		U		U		U		U	0.590			U		U	5 (s)
Chloroethane	µg/L		U		U		U		U		U	0.580	J		U		U	5 (s)
cis-1,2-Dichloroethene	µg/L	0.50			U		U		U		U	0.220	J		U		U	5 (s)
1,4- Dichlorobenzene	µg/L	2.130			U		U		U		U	1.80			U		U	3 (s)
1,3- Dichlorobenzene	µg/L	0.510			U		U		U		U		U		U		U	3 (s)
1,2- Dichlorobenzene	µg/L	1.70			U		U	2.60			U	**46.70**	D		U		U	3 (s)
1,1- Dichloroethane	µg/L		U		U		U	**5.770**			U	1.680			U		U	5 (s)
1,2- Dichloropropane	µg/L		U		U		U		U		U	0.270	J		U		U	1 (s)
Ethylbenzene	µg/L	0.10	J		U		U	1.380			U	**6.030**			U		U	5 (s)
Isopropylbenzene	µg/L	0.240	J		U		U		U		U	0.840			U		U	5 (s)
Methyl tert-butyl ether	µg/L		U		U		U	0.690			U	1.730			U		U	---
Methylene chloride	µg/L		U		U		U		U		U	0.150	J		U	1.160	J	5 (s)
Tetrachloroethene	µg/L	3.060			U		U		U		U		U		U		U	5 (s)
Toluene	µg/L		U		U		U		U		U	**9.570**			U		U	5 (s)
Trichloroethene	µg/L	0.230	J		U		U		U		U	0.320	J		U		U	5 (s)
Xylenes (total)	µg/L		U		U		U	1.940			U	27.30			U		U	5 (s)

NOTE: USEPA = United States Environmental Protection Agency
NYSDEC = New State Department of Environmental Conservation
J = Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
U = The analyte was analyzed for, but was not detected above the sample reporting limit.
D = Dilution
(g) = Value is listed as a guidance value.
(s) = Value is listed as a standard value.
DUPLICATE was collected at 8-28-084-MW-08S
All analytical data results provided by Life Science Laboratories. Data Validation completed by Environmental Data Validation, Inc.
Only parameters that had at least one detection from the data set are shown.
Bold values indicate that the analyte was detected above the NYSDEC AWQS.

TABLE 2 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER SAMPLES COLLECTED OCTOBER 2008

Parameter List USEPA Method 8260	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		8-24-084-GP-09		8-24-084-Dup[a]		Trip Blank		NYSDEC Ambient Water Quality Standard (ug/L)
		0810111-001A		0810111-002A		0810111-003A		0810111-004A		0810111-006A		0810111-005A		0810111-007A		0810111-008A		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	10/14/2008		10/14/2008		10/14/2008		10/14/2008		10/14/2008		10/14/2008		10/14/2008		10/14/2008		
Acetone	µg/L		U		U		U		U		U	4.510	J		U		U	50 (g)
Benzene	µg/L		U		U		U		U		U	0.350	J		U		U	1 (s)
1,2- Dibromo-3-chloropropane	µg/L		U		U		U		U		U	**5.420**	J		U		U	0.04 (s)
1,4- Dichlorobenzene	µg/L	0.510			U		U		U		U	0.440	J	0.870			U	3 (s)
1,2- Dichlorobenzene	µg/L	0.250	J		U		U	0.160	J		U	**9.360**		0.480	J		U	3 s)
1,1- Dichloroethane	µg/L	0.240	J		U		U	2.70			U	0.610		0.290	J		U	5 (s)
cis-1,2- Dichloroethene	µg/L	0.260	J		U		U		U		U		U	0.730			U	5 (s)
Ethylbenzene	µg/L		U		U		U		U		U	0.710			U		U	5 (s)
Methyl tert-butyl ether	µg/L		U		U		U	0.750	J		U		U		U		U	---
Tetrachloroethene	µg/L	1.720			U		U		U		U		U	1.80			U	5 (s)
Toluene	µg/L		U		U		U		U		U	3.0			U		U	5 (s)
Trichloroethene	µg/L	0.240	J		U		U		U		U		U	0.270	J		U	5 (s)
Xylenes (total)	µg/L		U		U		U		U		U	4.340			U		U	5 (s)

NOTE: USEPA = United States Environmental Protection Agency
NYSDEC = New State Department of Environmental Conservation
J = Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
U = The analyte was analyzed for, but was not detected above the sample reporting limit.
D = Dilution
(g) = Value is listed as a guidance value.
(s) = Value is listed as a standard value.
DUPLICATE was collected at 8-28-084-MW-01
All analytical data results provided by Life Science Laboratories. Data Validation completed by Environmental Data Validation, Inc.
Only parameters that had at least one detection from the data set are shown.
Bold values indicate that the analyte was detected above the NYSDEC AWQS.

Appendix A

Institutional and Engineering Controls Certification Forms

Enclosure 1
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 828084

Site Name Autohaus of Rochester

Site Address: Zip Code: 99 Marsh Rd

City/Town: East Rochester, NY 14445

County: Monroe

Allowable Use(s) (if applicable, does not address local zoning):

Site Acreage: 1.6

Verification of Site Details **Box 2**

	YES	NO
1. Are the Site Details above, correct?	☒	☐
If NO, are changes handwritten above or included on a separate sheet?	☐	
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment since the initial/last certification? W Welling verified this on Feb 17, 2009.	☐	☒
If YES, is documentation or evidence that documentation has been previously submitted included with this certification?	☐	
3. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property since the initial/last certification?	☐	☒
If YES, is documentation (or evidence that documentation has been previously submitted) included with this certification?	☐	
4. If use of the site is restricted, is the curent use of the site consistent with those restrictions?	☐	☐
If NO, is an explanation included with this certification?	☐	
5. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☐
If YES, is the new information or evidence that new information has been previously submitted included with this Certification?	☐	
6. For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), are the assumptions in the Qualitative Exposure Assessment still valid (must be certified every five years)?	☐	☐
If NO, are changes in the assessment included with this certification?	☐	

SITE NO. **Box 3**

Description of Institutional Controls

NONE

Box 4

Description of Engineering Controls

Groundwater Monitoring Wells (6)

Box 5

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;

   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 compete.

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) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

3. If this site has an Operation and Maintenance (O&M) Plan (or equivalent as required in the Decision Document);

   I certify by checking "YES" below that the O&M Plan Requirements (or equivalent as required in the Decision Document) are being met.

YES	NO
☒	☐

4. If this site has a Monitoring Plan (or equivalent as required in the remedy selection document);

   I certify by checking "YES" below that the requirements of the Monitoring Plan (or equivalent as required in the Decision Document) is being met.

YES	NO
☒	☐

IC CERTIFICATIONS
SITE NO.

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I William B. Welling (print name) at 625 Broadway - Floor 12, Albany, NY 12233-7013 (print business address),

am certifying as NY State Superfund as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

William B. Welling
Signature of Owner or Remedial Party Rendering Certification

2/18/2009
Date

IC/EC CERTIFICATIONS

Box 7

QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) SIGNATURE

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

I Christopher Gnoinca (print name) at 6712 Bracklawn Pkwy Suite 104, Syracuse, NY 13211 (print business address),

am certifying as a Qualified Environmental Professional for the Superfund Remedial Party

(Owner or Remedial Party) for the Site named in the Site Details Section of this form.

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

Stamp (if Required)

03/23/2009
Date

Enclosure 2

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the six questions in the Verification of Site Details Section. Questions 5 and 6 only refer to sites in the Brownfield Cleanup Program. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional / Engineering Controls (Boxes 3, 4, and 5)

1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party is to petition the Department requesting approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control and/or certify the other SM Plan components that are applicable, continue to complete the remainder of this **Certification** form. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a statement of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

   If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) is to be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7):

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page. Where the only control is an Institutional Control on the use of the property the certification statement in Box 6 shall be completed and may be made by the property owner. Where the site has Institutional and Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional (see table below).

Table 1. Signature Requirements for Control Certification Page

Type of Control	Example of IC/EC	Required Signatures
EC which does not include a treatment system or engineered caps.	Fence, Clean Soil Cover, Individual House Water Treatment System, Vapor Mitigation System	A site or property owner or remedial party, and a QEP. (P.E. license not required)
EC that includes treatment system or an engineered cap.	Pump & Treat System providing hydraulic control of a plume, Part 360 Cap.	A site or property owner or remedial party, and a QEP with a P.E. license.

WHERE to mail the signed Certification Form by :

New York State Department of Environmental Conservation

Attn: , Project Manager

Please note that extra postage may be required.

Appendix B

Daily Field Reports

DAILY OBSERVATION REPORT **Day: Tuesday Date: 7/24/2007**

NYSDEC

Temperature: (F) 65 (am) 80 (pm)

Wind Direction: 1/SE (am) 3/SE (pm)

Weather: (am) overcast
(pm) light rain

Project Name
Autohaus of Rochester
NYSDEC Site # 8-28-105

Contract # D004438-7

East Rochester, New York

Arrive at site 1200 (am)

Leave site: 1500 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?

Soil	Yes ( )	n/a (x)	* No ( )
Waters	Yes ( )	n/a (x)	* No ( )
Air	Yes ( )	n/a (x)	* No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (x)
Photos Taken: Yes (x) No ( )

DESCRIPTION OF DAILY WORK PERFORMED:

I located and gauged the water levels, and total depths of Monitoring Well 08S, 08D, 09, and the Piezometer GP-09. I could not locate MW-01.

SAMPLING (Soil/Water/Air)

Sample ID:	Sample Location:	Description:
No Samples		

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

EA personnel onsite: Kris Charney

NYSDEC personnel onsite:

(Name of contractor) equipment:

(*Indicates active equipment)

Other Subcontractors:

VISITORS TO SITE:

PROJECT SCHEDULE ISSUES:

PROJECT BUDGET ISSUES:

.

ITEMS OF CONCERN:
Wasps have moved into the metal outer casings of MW-8s and MW-8d.

DAILY OBSERVATION REPORT

Day: Tuesday Date: 7/24/2007

COMMENTS:

The purpose of the visit was to locate and inspect all of the wells onsite.

I arrived onsite at 1200. Located MW-08S and -08D. I killed two large nests of wasps that were in the outer casings of MW-08S and -08D. Both wells had the pvc caps on, so I doubt any of the wasp killer got into the wells.

MW-09 appears to be fully functional, although the outer metal casing was leaning a bit, but the PVC well inside was intact and I was able to get readings.

I was not able to locate MW-01. There is a lot of vegetation on that slope. I suggest we go out with a weed trimmer to cut down the vegetation to locate the remnants of the well if it is no longer present.

The parking lot is packed with cars from the Ford Dealer next door, which will need to be moved for any subsurface drilling activities.

When I was locating MW-09, I spoke with the contractor for the adjacent property. Homes are scheduled to be built in about a year where MW-09 is located. The gentleman told me that as part of the construction, the two plots nearest MW-09, will have Radon Gas Systems installed as part of the construction of the basements.

ATTACHMENT(S) TO THIS REPORT: None.

EA SITE REPRESENTATIVE: **Kris Charney**

Signature:

Date: 7/24/07

DAILY PHOTOLOG

See photos (site visit 7.24.07)

DAILY OBSERVATION REPORT **Day: MONDAY** **Date: 8/20/07**

NYSDEC

Temperature: (F) na (am) 60 (pm)

Wind Direction: (am) na (pm)

Weather: (am)

(pm) light rain

Project Name
Autohaus Site
NYSDEC Site #

Contract # D-004441.05

East Rochester, New York

Arrive at site 1315 (am)

Leave site: 1415 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?				
	Soil	Yes ( )	n/a (x)	* No ( )
	Waters	Yes (x)	n/a ( )	* No ( )
	Air	Yes ( )	n/a (x)	* No ( )

OTHER ITEMS:

- *If No, provide comments*

Site Sketch Attached: Yes ( ) No (x)
Photos Taken: Yes ( ) No (x)

DESCRIPTION OF DAILY WORK PERFORMED:

Went to site to develop MW-10 that was installed on 16 August 2007.

MW-10, previously installed on-site was developed after having Fairport Ford move vehicle parked over well. Opened well and took PID reading (0ppm), and initial depth of well and depth to water with water level indicator. Surge rod initially jammed into well to push water from well and allow surge of water with suspended particles to enter. Well then purged with a Whale 921 Submersible Pump through ½" tubing which ran through Horiba U-22 Water Quality meter before releasing onto ground surface. Water cleared within 5 minutes of pumping and purge stopped when three consecutive readings registered below 50 ntu for turbidity and all other parameters stabilized. Well was recovered, locked, and cover reinstalled prior to leaving site.

PROJECT TOTALS:

SAMPLING (Soil/Water/Air) NA

Contractor Sample ID:	DEC Sample ID:	Description:

DAILY OBSERVATION REPORT

Day: MONDAY **Date: 8/20/07**

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

(Name of contractor) personnel: David Crandall, David Eck

(Name of Subcontractor) personnel:

(Name of contractor) equipment: Horiba U-22 Water Quality Meter, Whale 921 Submersible Pump, Water Level Indicator

(*Indicates active equipment)

Other Subcontractors:

VISITORS TO SITE:

1. NA

PROJECT SCHEDULE ISSUES:

PROJECT BUDGET ISSUES:

None.

ITEMS OF CONCERN:

None

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

SITE REPRESENTATIVE:

Name: *David Crandall*
cc:

DAILY OBSERVATION REPORT **Day: TUESDAY** **Date: 10/14/08**

NYSDEC

Temperature: (F) 55 (am) 65 (pm)

Wind Direction: NW (am) NW (pm)

Weather: (am) overcast, some sun
(pm) partly sunny

Project Name
Autohaus Site
NYSDEC Site # 8-28-084

Contract # D-004441.05

East Rochester, New York

Arrive at site 900 (am)

Leave site: 500 (pm)

HEALTH & SAFETY:

Are there any changes to the Health & Safety Plan? Yes ( ) No (x)
(If yes, list the deviation under items for concern)

Are monitoring results at acceptable levels?				
	Soil	Yes ( )	n/a (x)	* No ( )
	Waters	Yes (x)	n/a ( )	* No ( )
	Air	Yes ( )	n/a (x)	* No ( )

- *If No, provide comments*

OTHER ITEMS:

Site Sketch Attached: Yes ( ) No (x)
Photos Taken: Yes ( ) No (x)

DESCRIPTION OF DAILY WORK PERFORMED:

Onsite to collect annual groundwater samples for VOCs. DEC Subcontractor onsite to collect split samples. Also, SAW Environmental onsite to collect split samples for property owner. All wells gauged, low flow purged with peristaltic pump and samples collected with bailer once parameters stabilized. All wells able to be sampled in one day. Also performed some minor maintenance on monitoring wells, including brushing away hornet nests, installing new lock on one, new well casing cap on piezometer, and installing plastic sheeting to help prevent surface water infiltration at flushmount wells.

PROJECT TOTALS:

SAMPLING (Soil/Water/Air) NA

Contractor Sample ID:	DEC Sample ID:	Description:
MW01, MW08S, MW08D, MW09, MW10, PZ-09		All sampled for VOC by 8260B, MW09 for Ethylene Glycol as well. DUP @ MW01 MS/MS @ MW08D

DAILY OBSERVATION REPORT **Day: TUESDAY** **Date: 10/14/08**

CONTRACTOR/SUBCONTRACTOR EQUIPMENT AND PERSONNEL ON SITE:

(Name of contractor) personnel: David Crandall, Sean Blakeney

(Name of Subcontractor) personnel:

(Name of contractor) equipment: Horiba U-22 Water Quality Meter, Geopump II Peristaltic Pump. Water Level Indicator

(*Indicates active equipment)

Other Subcontractors:

VISITORS TO SITE:

1. SAW environmental and State contractor for split samples

PROJECT SCHEDULE ISSUES:

PROJECT BUDGET ISSUES:

None.

ITEMS OF CONCERN:

None

COMMENTS:

None

ATTACHMENT(S) TO THIS REPORT:

SITE REPRESENTATIVE:

Name: *David Crandall*
cc:

Appendix C

Boring Log

FIELD BORING LOG FORM

EA Engineering, P.C.
EA Science and Technology

LOG OF SOIL BORING

Coordinates:
Surface Elevation:
Casing Below Surface:
Reference Elevation:
Reference Description:

Job. No.	Client:	New York State Department of Environmental Conservation	Location: Autohaus
Drilling Method:		Hollow Stem Auger 4.25 ID	Soil Boring Number:
Sampling Method:			Sheet 1 of
			Drilling: Start 745 / Finish 1200
Water Lev.	6'		
Time			

Surface Conditions: asphalt
Weather: sunny
Temperature: 85

Blow Counts (140-lb)	Feet Drvn/Ft. Recvrd	Well Diagram	PID (ppm) HNu	Depth in Feet	USCS Log	
				0		0-6" dark brown Sandy Loam, crushed stone
	2		1.0	1		6"-4' medium brown Fine Sand
			1.2	2		
				3		
	2.5		1.0	4		4-5' medium brown Fine Sand, damp
				5		5-6' medium brown Fine Sand, moist, trace silt, slight mottling
			0.0	6		6-7.5' medium brown Fine Sand, wet, water @ 6'
				7		7.5-8' brown Silty Sand
	3.5		0.1	8		8-11' brown Fine Sand, wet, brown stain and slight solvent odor around 8.5'
				9		
			0.0	10		
				11		11-12' brown Silty Sand, slight gravel
	3		1.1	12		12-14' gray-brown Silty Sand
				13		
			1.1	14		14-16' gray-brown Sandy Silt w/ large cobbles of LS and gravel
				15		
	3		1.8	16		16-17' gray Sandy Silt w/ gravel
				17		17-18' gray Fine Sandy Silt, damp, mottling
			0.0	18		18-19' gray Silty Sand
				19		
				20		

2" PVC well, 15' of screen, sand from 3-19', bentonite from 2-3', concrete/sacrete from cap to 2'

Logged by: Kris Charney Date: 8/16/07

Drilling Contractor: Parratt Wolff Driller: Jay Stockholm

Appendix D

Groundwater Sampling Forms

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-01	**EA Personnel:** Amanda Buboltz / Jim Peterson	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60
Sounding Method:	**Gauge Date:** 11-Oct-07	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): Down 6in.	**Gauge Time:** 14:25	**Well Diameter (in):** 2 in.

Purge Date: 11-Oct-07	**Purge Time:** 14:30
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** Amanda Buboltz / Jim Peterson

Well Volume

A. Well Depth (ft): 24.02	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** Down 6 in.
B. Depth to Water (ft): 9.03	**E. Well Volume (gal) C*D):** 2.3984	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 14.99	**F. Five Well Volumes (gal) (E3):** 7.1952	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1430	10.39	0	0.5	7.96	-136	14.05	0.557	11.00	37.8
1434	12.00	2	0.5	7.92	-152	13.12	0.586	0.05	26.3
1438	12.75	4	0.5	7.82	-133	13.41	0.511	0.22	32.5
1442	13.03	6	0.5	7.69	-124	13.63	0.489	0.69	29.7
1446	13.19	8	0.5	7.66	-130	13.67	0.503	0.31	29.9

Total Quantity of Water Removed (gal): 8
Samplers: AB & JP
Sampling Date: 11-Oct-07
Sampling Time: 1445
Split Sample With:
Sample Type: GW

COMMENTS AND OBSERVATIONS: Unable to take PID reading: PID sensor needed to be cleaned

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-8S	**EA Personnel:** Amanda Buboltz / Jim Peterson	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60
Sounding Method:	**Gauge Date:** 11-Oct-07	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): up 1.5ft	**Gauge Time:** 10:50	**Well Diameter (in):** 2 in.

Purge Date: 11-Oct-07	**Purge Time:** 11:15
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** Amanda Buboltz / Jim Peterson

Well Volume

A. Well Depth (ft): 24.78	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** up 1.5ft
B. Depth to Water (ft): 12.26	**E. Well Volume (gal) C*D):** 2.0032	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 12.52	**F. Five Well Volumes (gal) (E3):** 6.0096	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1115	12.68	0	0.5	7.95	201	18.66	0.703	7.51	19.5
1119	13.04	2	0.5	7.55	199	18.73	0.732	7.04	5.9
1123	13.39	4	0.5	7.34	198	18.59	0.729	6.77	5.8
1127	13.55	6	0.5	7.24	197	18.35	0.678	6.19	15
1131	13.63	8	0.5	7.17	197	18.14	0.680	5.77	12.7

Total Quantity of Water Removed (gal): 8
Samplers: AB & JP
Sampling Date: 11-Oct-07

Sampling Time: 11:45
Split Sample With: Duplicate
Sample Type: GW

COMMENTS AND OBSERVATIONS: PID reading from well of 3.6, ambient air PID reading of 0.0
Duplicate sample taken from MW-8S

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-8D	**EA Personnel:** Amanda Buboltz / Jim Peterson	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60
Sounding Method:	**Gauge Date:** 11-Oct-07	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): up 2.5ft	**Gauge Time:** 10:15	**Well Diameter (in):** 2 in.

Purge Date: 11-Oct-07	**Purge Time:** 10:30
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** Amanda Buboltz / Jim Peterson

Well Volume

A. Well Depth (ft): 72.52	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** up 2.5ft
B. Depth to Water (ft): 15.42	**E. Well Volume (gal) C*D):** 9.136	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 57.1	**F. Five Well Volumes (gal) (E3):** 27.408	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1030	15.75	0	0.5	10.19	146	14.71	0.628	12.17	44.5
1034	15.70	2	0.5	9.88	123	13.96	0.629	10.95	26.5
1038	15.71	4	0.5	9.84	111	13.76	0.629	10.53	13.7
1042	15.72	6	0.5	9.85	103	13.54	0.626	10.37	16.1
1046	15.72	8	0.5	9.79	99	13.38	0.588	10.10	16.3

Total Quantity of Water Removed (gal): 8
Samplers: AB & JP
Sampling Date: 11-Oct-07

Sampling Time: 1047
Split Sample With: MS/MSD
Sample Type: GW

COMMENTS AND OBSERVATIONS: PID reading from well of 8.8, ambient air PID of 0.0

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-09	**EA Personnel:** Amanda Buboltz / Jim Peterson	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60
Sounding Method:	**Gauge Date:** 11-Oct-07	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): up 2ft	**Gauge Time:** 12:00	**Well Diameter (in):** 2 in.

Purge Date: 11-Oct-07	**Purge Time:** 12:10
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** Amanda Buboltz / Jim Peterson

Well Volume

A. Well Depth (ft): 44.87	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** up 2ft
B. Depth to Water (ft): 24.73	**E. Well Volume (gal) C*D):** 3.2224	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 20.14	**F. Five Well Volumes (gal) (E3):** 9.6672	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1210	25.42	0	0.5	8.93	-157	12.2	1.44	8.00	165
1214	25.67	2	0.5	9.03	-185	11.43	1.37	0.08	291
1218	25.68	4	0.5	9.01	-194	11.33	1.38	0.00	228
1222	25.7	6	0.5	8.99	-200	11.33	1.34	0.00	186
1226	25.72	8	0.5	8.98	-204	11.32	1.3	0.00	150
1230	25.73	10	0.5	8.96	-207	11.32	1.28	0.00	133

Total Quantity of Water Removed (gal): 10
Samplers: AB & JP
Sampling Date: 11-Oct-07
Sampling Time: 1235
Split Sample With:
Sample Type: GW

COMMENTS AND OBSERVATIONS: PID reading from well of 4.7ppm, ambient air PID of 0.2ppm
odor to water

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-10	**EA Personnel:** Amanda Buboltz / Jim Peterson	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~55
Sounding Method:	**Gauge Date:** 11-Oct-07	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): down 1 in.	**Gauge Time:** 9:00	**Well Diameter (in):** 2 in.

Purge Date: 11-Oct-07	**Purge Time:** 9:05
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** Amanda Buboltz / Jim Peterson

Well Volume

A. Well Depth (ft): 18.3	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** Down 1 in.
B. Depth to Water (ft): 8.6	**E. Well Volume (gal) C*D):** 1.552	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 9.7	**F. Five Well Volumes (gal) (E3):** 4.656	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
900	9.10	0	0.5	6.71	278	16.83	1.02	11.01	29.6
904	9.53	2	0.5	6.64	253	17.16	0.96	9.05	3.6
908	10.00	4	0.5	6.70	246	17.6	1.01	8.83	0.1
912	10.33	6	0.5	6.71	242	17.66	1.04	8.56	0.0
916	10.47	8	0.5	6.71	238	17.62	1.01	8.41	1.9

Total Quantity of Water Removed (gal): 8
Samplers: AB & JP
Sampling Date: 11-Oct-07
Sampling Time: 930
Split Sample With:
Sample Type: GW

COMMENTS AND OBSERVATIONS: PID reading from well of 2.0ppm
Dealership painting occurring - paint fumes may affect PID

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: GP09	**EA Personnel:** Amanda Buboltz / Jim Peterson	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60
Sounding Method:	**Gauge Date:** 11-Oct-07	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): Down 1 in.	**Gauge Time:** 13:10	**Well Diameter (in):** 1 in.

Purge Date: 11-Oct-07	**Purge Time:** 13:25
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** Amanda Buboltz / Jim Peterson

Well Volume

A. Well Depth (ft): 32.92	**D. Well Volume (ft):** 0.04	**Depth/Height of Top of PVC:** down 1 in.
B. Depth to Water (ft): 12.52	**E. Well Volume (gal) C*D):** 0.816	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 20.4	**F. Five Well Volumes (gal) (E3):** 2.448	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1325	14.97	0	0.5	7.3	53	15.72	0.769	4.25	88.5
1329	16.18	2	0.5	7.97	-95	13.74	1.24	0.08	52.9
1333	16.22	4	0.5	8.12	-128	13.28	1.34	0.00	93
1337	16.36	6	0.5	8.24	-142	13.09	1.33	0.00	153
1341	16.43	8	0.5	8.22	-140	13.04	1.34	0.00	95
1345	16.47	10	0.5	8.24	-151	12.97	1.33	0.00	39.6
1349	16.51	12	0.5	8.25	-154	12.92	1.3	0.00	57.9

Total Quantity of Water Removed (gal):	12	**Sampling Time:**	1350
Samplers:	AB & JP	**Split Sample With:**	
Sampling Date:	11-Oct-07	**Sample Type:**	GW

COMMENTS AND OBSERVATIONS: PID initial reading from well 1467ppm, second reading from well 583ppm

PID reading just above well 103ppm, Ambient air PID reading 2.2ppm

oily smell to water. PID stopped working after well: said sensor needed to be cleaned (may account for high PID readings from well?)

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING
PURGE FORM

Well I.D.: MW-10	**EA Personnel:** David Crandall	**Client:** NYSDEC
Location: East Rochester, New York	**Well Condition:** Good	**Weather:** 60, Light Rain
Sounding Method:	**Gauge Date:** 20-Aug-07	**Measurement Ref:** top of casing
Stick Up/Down (ft): Down .5 ft.	**Gauge Time:** 13:30	**Well Diameter (in):** 2 in.

Purge Date: 20-Aug-07	**Purge Time:** 13:55
Purge Method: 2" submersible	**Field Technician:** David Crandall

Well Volume

A. Well Depth (ft): 18.4	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** Down .5 ft.
B. Depth to Water (ft): 7.98	**E. Well Volume (gal) C*D):** 1.6672	**Pump Type:** Whale Submersible 921
C. Liquid Depth (ft) (A-B): 10.42	**F. Five Well Volumes (gal) (E3):** 8.336	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Lpm)	pH (pH units)	ORP (mV)	Temp. (oC)	Cond. (S/cm)	DO (ug/L)	Turbidity (ntu)
1400	8.00	10	2	7.04	10	16.33	6.51	5.46	<999
1404	8	18	2	7.05	11	16.34	6.54	5.46	21.1
1408	8.01	26	2	7.08	11	16.21	6.36	5.46	24.3
1412	8.01	34	2	7.03	12	16.27	6.46	5.45	19.4

Total Quantity of Water Removed (gal): 9
Samplers: na
Sampling Date: na
Sampling Time: na
Split Sample With: na
Sample Type: na

COMMENTS AND OBSERVATIONS: Well Development only - well surged and then purged with Whale Pump till turbity consistently below 50ntu.

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-01	**EA Personnel:** David Crandall / Sean Blakeney	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60
Sounding Method: SWI	**Gauge Date:** 14-Oct-08	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): Down 6in.	**Gauge Time:** 12:18	**Well Diameter (in):** 2 in.

Purge Date: 14-Oct-08	**Purge Time:** 12:22
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** David Crandall / Sean Blakeney

Well Volume

A. Well Depth (ft): 24.11	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** Down 6 in.
B. Depth to Water (ft): 9.2	**E. Well Volume (gal) C*D):** 2.3856	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 14.91	**F. Five Well Volumes (gal) (E3):** 7.1568	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1226	11.35	1	0.25	6.97	-166	13.52	0.502	0.00	53.8
1230	11.65	2	0.25	6.95	-169	13.59	0.501	0.00	54.5
1234	11.95	3	0.25	6.93	-169	13.91	0.498	0	58.4
1238	12.12	4	0.25	6.94	-165	13.98	0.487	0.00	61.3

Total Quantity of Water Removed (gal): 1
Samplers: DC/SB
Sampling Date: 14-Oct-08

Sampling Time: 1240
Split Sample With: DEC Sub and SAW Env.
Sample Type: GW

COMMENTS AND OBSERVATIONS: Water in annular space needed to be pumped out.

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-8S	**EA Personnel:** David Crandall / Sean Blakeney	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60
Sounding Method: SWI	**Gauge Date:** 14-Oct-08	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): up 1ft	**Gauge Time:** 9:45	**Well Diameter (in):** 2 in.

Purge Date: 14-Oct-08	**Purge Time:** 9:52
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** David Crandall / Sean Blakeney

Well Volume

A. Well Depth (ft): 24.35	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** up 1ft
B. Depth to Water (ft): 12.63	**E. Well Volume (gal) C*D):** 1.8752	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 11.72	**F. Five Well Volumes (gal) (E3):** 5.6256	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
956	13.14	1	0.25	7.39	143	18.53	0.469	3.78	76.4
1000	13.3	2	0.25	7.44	136	18.46	0.458	3.68	87.6
1004	13.39	3	0.25	7.45	129	18.38	0.456	3.53	64.5
1008	13.46	4	0.25	7.45	125	18.38	0.459	3.34	50.3

Total Quantity of Water Removed (gal): 1
Samplers: DC/SB
Sampling Date: 14-Oct-08

Sampling Time: 10:10
Split Sample With: DEC Sub and SAW Env.
Sample Type: GW

COMMENTS AND OBSERVATIONS:

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-8D	**EA Personnel:** David Crandall / SeanBlakeney	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60
Sounding Method: SWI	**Gauge Date:** 14-Oct-08	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): up 2ft	**Gauge Time:** 10:21	**Well Diameter (in):** 2 in.

Purge Date: 14-Oct-08	**Purge Time:** 10:27
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** David Crandall / Sean Blakeney

Well Volume

A. Well Depth (ft): 72.24	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** up 2ft
B. Depth to Water (ft): 16	**E. Well Volume (gal) C*D):** 8.9984	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 56.24	**F. Five Well Volumes (gal) (E3):** 26.9952	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1031	16.19	1	0.25	11.23	-36	15.75	0.503	3.87	54.6
1035	16.20	2	0.25	11.20	-38	15.23	0.502	3.69	60
1039	16.20	3	0.25	11.20	-38	14.85	0.498	3.67	52.7
1043	16.22	4	0.25	11.20	-37	14.59	0.495	4.29	82.6

Total Quantity of Water Removed (gal): 1
Samplers: DC/SB
Sampling Date: 14-Oct-08

Sampling Time: 1045
Split Sample With: MS/MSD, DEC Sub, and SAW Env.
Sample Type: GW

COMMENTS AND OBSERVATIONS:

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-09	**EA Personnel:** David Crandall / Sean Blakeney	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60
Sounding Method: SWI	**Gauge Date:** 14-Oct-08	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): up 2.5ft	**Gauge Time:** 13:00	**Well Diameter (in):** 2 in.

Purge Date: 14-Oct-08	**Purge Time:** 13:06
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** David Crandall / Sean Blakeney

Well Volume

A. Well Depth (ft): 44.25	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** up 2ft
B. Depth to Water (ft): 25.3	**E. Well Volume (gal) C*D):** 3.032	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 18.95	**F. Five Well Volumes (gal) (E3):** 9.096	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1310	26.05	1	0.25	7.27	-125	13.27	1.22	0.00	148
1314	26	2	0.25	7.24	-141	12.95	1.21	0.00	154
1318	26.01	3	0.25	7.25	-151	12.93	1.21	0.00	179
1321	26	4	0.25	7.27	-157	12.89	1.2	0.00	134

Total Quantity of Water Removed (gal): 1
Samplers: DC/SB
Sampling Date: 14-Oct-08
Sampling Time: 1325
Split Sample With: DEC Sub and SAW Env.
Sample Type: GW

COMMENTS AND OBSERVATIONS: sampled for VOCs by 8260B and also for Ethylene Glycol

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: MW-10	**EA Personnel:** David Crandall / Sean Blakeney	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60s
Sounding Method: SWI	**Gauge Date:** 14-Oct-08	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): down 6 in.	**Gauge Time:** 11:04	**Well Diameter (in):** 2 in.

Purge Date: 14-Oct-08	**Purge Time:** 11:09
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** David Crandall / Sean Blakeney

Well Volume

A. Well Depth (ft): 18.61	**D. Well Volume (ft):** 0.16	**Depth/Height of Top of PVC:** Down 6 in.
B. Depth to Water (ft): 9.01	**E. Well Volume (gal) C*D):** 1.536	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 9.6	**F. Five Well Volumes (gal) (E3):** 4.608	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1113	9.69	1	0.25	7.68	119	17.52	0.568	3.68	37.8
1117	9.84	2	0.25	7.45	119	17.69	0.571	3.6	4.3
1121	10.01	3	0.25	7.38	117	17.70	0.569	4.07	3.1
1125	10.24	4	0.25	7.31	119	17.75	0.592	4.15	4.3

Total Quantity of Water Removed (gal): 1
Samplers: DC/SB
Sampling Date: 14-Oct-08

Sampling Time: 1127
Split Sample With: DEC Sub and SAW Env.
Sample Type: GW

COMMENTS AND OBSERVATIONS: Water in annular space, but below casing.

EA Engineering PC and its Affliate,
EA Science and Technology

GROUNDWATER SAMPLING PURGE FORM

Well I.D.: GP09	**EA Personnel:** David Crandall / Sean Blakeney	**Client:** NYSDEC
Location: Rochester Autohaus	**Well Condition:** Good	**Weather:** Cloudy ~60
Sounding Method: SWI	**Gauge Date:** 14-Oct-08	**Measurement Ref:** Top of Casing
Stick Up/Down (ft): Down 1 in.	**Gauge Time:** 11:36	**Well Diameter (in):** 1 in.

Purge Date: 14-Oct-08	**Purge Time:** 11:41
Purge Method: Peristaltic Pump - low flow purge/sample	**Field Technician:** David Crandall / Sean Blakeney

Well Volume

A. Well Depth (ft): 32.84	**D. Well Volume (ft):** 0.04	**Depth/Height of Top of PVC:** down 1 in.
B. Depth to Water (ft): 13.16	**E. Well Volume (gal) C*D):** 0.7872	**Pump Type:** Geopump and dedicated tubing
C. Liquid Depth (ft) (A-B): 19.68	**F. Five Well Volumes (gal) (E3):** 2.3616	**Pump Designation:**

Water Quality Parameters

Time (hrs)	DTW (ft btoc)	Volume (liters)	Rate (Gpm)	pH (pH units)	ORP (mV)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)
1145	14.30	1	0.25	7.28	13	15.42	0.583	0.00	219
1149	14.32	2	0.25	7.23	-123	15.15	0.836	0.00	366
1153	14.29	3	0.25	7.24	-152	14.76	0.95	0.00	257
1157	14.3	4	0.25	7.26	-169	14.56	0.965	0.00	259
1201	14.25	5	0.25	7.27	-176	14.46	0.974	0.00	288

Total Quantity of Water Removed (gal): 1.32
Samplers: DC/SB
Sampling Date: 14-Oct-08

Sampling Time: 1205
Split Sample With: DEC Sub and SAW Env.
Sample Type: GW

COMMENTS AND OBSERVATIONS: No well cap. Some water in annular space.

Appendix E

Analytical Form Is

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Friday, November 30, 2007

Robert Casey
EA Engineering Science and Technology
6712 Brooklawn Parkway, Suite 104
Syracuse, NY 13211-2158

TEL: 315-431-4610

Project: DEC - AUTOHAUS
RE: Analytical Result Order No.: 0710091

Dear Robert Casey:

Life Science Laboratories, Inc. received 8 sample(s) on 10/12/2007 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Monika Santucci
Project Manager

Sample Data Summary Package

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL SUMMARY

NYS DEC SAMPLE ID	LABORATORY SAMPLE ID	Type	Analytical Requirements					
			VOA GC/MS Method #	BNA GC/MS Method #	VOA GC Method #	MISC GC Method #	METALS Method #	OTHER Method #
8-28-084-MW-10-1007	0710091-001	SAMP	SW8260B					
8-28-084-MW-8S-1007	0710091-002	SAMP	SW8260B					
8-28-084-MW-8D-1007	0710091-003	MS	SW8260B					
8-28-084-MW-8D-1007	0710091-003	MSD	SW8260B					
8-28-084-MW-8D-1007	0710091-003	SAMP	SW8260B					
8-24-084-MW-09-1007	0710091-004	SAMP	SW8260B					
8-24-084-MW-01-1007	0710091-005	SAMP	SW8260B					
8-24-084-GP-09-1007	0710091-006	SAMP	SW8260B					
8-24-084-Dup-1007	0710091-007	SAMP	SW8260B					
Trip Blank	0710091-008	SAMP	SW8260B					

SW8260B

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY

VOLATILE ANALYSES

LABORATORY SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEANUP	DIL/CONC FACTOR
0710091-001A	Water	SW8260B	NONE	NONE	1X
0710091-002A	Water	SW8260B	NONE	NONE	1X
0710091-003A	Water	SW8260B	NONE	NONE	1X
0710091-003AMS	Water	SW8260B	NONE	NONE	1X
0710091-003AMSD	Water	SW8260B	NONE	NONE	1X
0710091-004A	Water	SW8260B	NONE	NONE	1X
0710091-005A	Water	SW8260B	NONE	NONE	1X
0710091-006A	Water	SW8260B	NONE	NONE	1X
0710091-006ADL	Water	SW8260B	NONE	NONE	2X
0710091-007A	Water	SW8260B	NONE	NONE	1X
0710091-008A	Water Q	SW8260B	NONE	NONE	1X

SW8260B

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY

VOLATILE (VOA) ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
0710091-001A	Water	10/11/07	10/12/07		10/17/07
0710091-002A	Water	10/11/07	10/12/07		10/17/07
0710091-003A	Water	10/11/07	10/12/07		10/17/07
0710091-003AMS	Water	10/11/07	10/12/07		10/17/07
0710091-003AMSD	Water	10/11/07	10/12/07		10/17/07
0710091-004A	Water	10/11/07	10/12/07		10/17/07
0710091-005A	Water	10/11/07	10/12/07		10/17/07
0710091-006ADL	Water	10/11/07	10/12/07		10/18/07
0710091-006A	Water	10/11/07	10/12/07		10/17/07
0710091-007A	Water	10/11/07	10/12/07		10/18/07
0710091-008A	Water Q	10/11/07	10/12/07		10/17/07

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for EA Engineering Science & Technology, DEC - Autohaus project.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chain of custodies documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

Discrepancies noted upon receipt are listed on the sample receipt checklist located in the chain of custody section of the report. The temperature of the iced cooler was 5.2°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	8260B	1

1) Test Methods for Evaluation Solid Wastes, SW-846 Third Edition, Final Update III, December 1996.

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report Package and are also included in the raw data.

RAW DATA

The raw data is organized in the New York State Department of Environmental Conservation Analytical Services Protocol Category "B" order of data requirements.

Total # of pages in this report_____

GC/MS Volatile Organics Case Narrative

Client:	EA
Project/Order:	DEC
Work Order #:	0710091
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): JJ for GS 11/15/07

Supervisor/Reviewed by (Initials/Date): JJ 11/16/07

QA/QC Review (Initials/Date): LK 11/27/07

File Name: G:\Narratives\MSVoa\0710091msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments used a Restek Rtx-502.2, 105 m x 0.53 mm ID capillary column and a Vocarb 3000 trap.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples had a pH of < 2.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

MS/MSD/MSB
The following compound(s) did not meet matrix spike/matrix spike duplicate percent recovery and/or RPD criteria:

Sample Description	Sample #	Compound	%REC	RPD	Corrective Action
8-28-084-MW-8D-1007	0710091-003A MS/MSD	Chloroethane		X	1

1 The RPD exceeded acceptance limits. The recovery for this compound in the associated LCS and/or MSB was within acceptance limits. No corrective action was taken.

Surrogate Standards
All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
All initial calibrations and calibration verifications met method and/or project specific QC criteria.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Life Science Laboratories, Inc.

Date: *30-Nov-07*

CLIENT: EA Engineering Science and Technology
Project: DEC - Autohaus
Lab Order: 0710091

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0710091-001A	8-28-084-MW-10-1007		10/11/2007	10/12/2007
0710091-002A	8-28-084-MW-8S-1007		10/11/2007	10/12/2007
0710091-003A	8-28-084-MW-8D-1007		10/11/2007	10/12/2007
0710091-004A	8-24-084-MW-09-1007		10/11/2007	10/12/2007
0710091-005A	8-24-084-MW-01-1007		10/11/2007	10/12/2007
0710091-006A	8-24-084-GP-09-1007		10/11/2007	10/12/2007
0710091-007A	8-24-084-Dup-1007		10/11/2007	10/12/2007
0710091-008A	Trip Blank		10/11/2007	10/12/2007

Life Science Laboratories, Inc.

30-Nov-07

Lab Order: 0710091
Client: EA Engineering Science and Technology
Project: DEC - Autohaus

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0710091-001A	8-28-084-MW-10-1007	10/11/2007 9:30:00 AM	Water	Volatile Organic Compounds by GC/MS			10/17/2007
0710091-002A	8-28-084-MW-8S-1007	10/11/2007 11:35:00 AM		Volatile Organic Compounds by GC/MS			10/17/2007
0710091-003A	8-28-084-MW-8D-1007	10/11/2007 10:47:00 AM		Volatile Organic Compounds by GC/MS			10/17/2007
0710091-004A	8-24-084-MW-09-1007	10/11/2007 12:35:00 PM		Volatile Organic Compounds by GC/MS			10/17/2007
0710091-005A	8-24-084-MW-01-1007	10/11/2007 2:45:00 PM		Volatile Organic Compounds by GC/MS			10/17/2007
0710091-006A	8-24-084-GP-09-1007	10/11/2007 1:50:00 PM		Volatile Organic Compounds by GC/MS			10/18/2007
				Volatile Organic Compounds by GC/MS			10/17/2007
0710091-007A	8-24-084-Dup-1007	10/11/2007		Volatile Organic Compounds by GC/MS			10/18/2007
0710091-008A	Trip Blank	10/11/2007 9:30:00 AM	Water Q	Volatile Organic Compounds by GC/MS			10/17/2007

Analytical Results

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-001A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084-MW-10-1007***
W Order:	0710091	**Collection Date:**	10/11/07 9:30
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M2997.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.07	µg/L	1	10/17/07 12:44
Chloromethane	ND		1.00	0.13	µg/L	1	10/17/07 12:44
Vinyl chloride	ND		1.00	0.04	µg/L	1	10/17/07 12:44
Bromomethane	ND		1.00	0.06	µg/L	1	10/17/07 12:44
Chloroethane	ND		1.00	0.12	µg/L	1	10/17/07 12:44
Trichlorofluoromethane	ND		1.00	0.02	µg/L	1	10/17/07 12:44
1,1-Dichloroethene	ND		0.50	0.05	µg/L	1	10/17/07 12:44
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.04	µg/L	1	10/17/07 12:44
Acetone	ND		10.0	0.82	µg/L	1	10/17/07 12:44
Carbon disulfide	ND		0.50	0.02	µg/L	1	10/17/07 12:44
Methyl acetate	ND		0.50	0.30	µg/L	1	10/17/07 12:44
Methylene chloride	0.14	J	2.00	0.03	µg/L	1	10/17/07 12:44
trans-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 12:44
Methyl tert-butyl ether	ND		0.50	0.02	µg/L	1	10/17/07 12:44
1,1-Dichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 12:44
cis-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 12:44
2-Butanone	ND		10.0	0.65	µg/L	1	10/17/07 12:44
Chloroform	ND		0.50	0.03	µg/L	1	10/17/07 12:44
1,1,1-Trichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 12:44
Cyclohexane	ND		0.50	0.06	µg/L	1	10/17/07 12:44
Carbon tetrachloride	ND		0.50	0.03	µg/L	1	10/17/07 12:44
Benzene	ND		0.50	0.01	µg/L	1	10/17/07 12:44
1,2-Dichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 12:44
Trichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 12:44
Methylcyclohexane	ND		0.50	0.03	µg/L	1	10/17/07 12:44
1,2-Dichloropropane	ND		0.50	0.03	µg/L	1	10/17/07 12:44
Bromodichloromethane	ND		0.50	0.03	µg/L	1	10/17/07 12:44
cis-1,3-Dichloropropene	ND		0.50	0.02	µg/L	1	10/17/07 12:44
4-Methyl-2-pentanone	ND		5.00	0.38	µg/L	1	10/17/07 12:44
Toluene	ND		0.50	0.02	µg/L	1	10/17/07 12:44
trans-1,3-Dichloropropene	ND		0.50	0.03	µg/L	1	10/17/07 12:44
1,1,2-Trichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 12:44
Tetrachloroethene	ND		0.50	0.03	µg/L	1	10/17/07 12:44

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-001A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084-MW-10-1007***
W Order:	0710091	**Collection Date:**	10/11/07 9:30
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M2997.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	0.58	µg/L	1	10/17/07 12:44
Dibromochloromethane	ND		0.50	0.04	µg/L	1	10/17/07 12:44
1,2-Dibromoethane	ND		0.50	0.04	µg/L	1	10/17/07 12:44
Chlorobenzene	ND		0.50	0.01	µg/L	1	10/17/07 12:44
Ethylbenzene	ND		0.50	0.02	µg/L	1	10/17/07 12:44
Xylenes (total)	ND		1.00	0.04	µg/L	1	10/17/07 12:44
Styrene	ND		0.50	0.02	µg/L	1	10/17/07 12:44
Bromoform	ND		0.50	0.05	µg/L	1	10/17/07 12:44
Isopropylbenzene	ND		0.50	0.02	µg/L	1	10/17/07 12:44
1,1,2,2-Tetrachloroethane	ND		0.50	0.08	µg/L	1	10/17/07 12:44
1,3-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 12:44
1,4-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 12:44
1,2-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 12:44
1,2-Dibromo-3-chloropropane	ND		1.00	0.26	µg/L	1	10/17/07 12:44
1,2,4-Trichlorobenzene	ND		1.00	0.02	µg/L	1	10/17/07 12:44
Surr: Dibromofluoromethane	103		75-127	0.03	%REC	1	10/17/07 12:44
Surr: 1,2-Dichloroethane-d4	105		75-134	0.04	%REC	1	10/17/07 12:44
Surr: Toluene-d8	108		75-125	0.01	%REC	1	10/17/07 12:44
Surr: 4-Bromofluorobenzene	102		75-125	0.04	%REC	1	10/17/07 12:44

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-28-084-MW-10-100

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0710091

Matrix: (soil/water) WATER Lab Sample ID: 0710091-001A

Sample wt/vol: 25 (g/mL) ML Lab File ID: M2997.D

Level: LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/17/2007

GC Column: Rtx-502.2 ID: 0.53 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-002A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084-MW-8S-1007***
W Order:	0710091	**Collection Date:**	10/11/07 11:35
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M2998.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.07	µg/L	1	10/17/07 13:22
Chloromethane	ND		1.00	0.13	µg/L	1	10/17/07 13:22
Vinyl chloride	ND		1.00	0.04	µg/L	1	10/17/07 13:22
Bromomethane	ND		1.00	0.06	µg/L	1	10/17/07 13:22
Chloroethane	ND		1.00	0.12	µg/L	1	10/17/07 13:22
Trichlorofluoromethane	ND		1.00	0.02	µg/L	1	10/17/07 13:22
1,1-Dichloroethene	ND		0.50	0.05	µg/L	1	10/17/07 13:22
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.04	µg/L	1	10/17/07 13:22
Acetone	ND		10.0	0.82	µg/L	1	10/17/07 13:22
Carbon disulfide	ND		0.50	0.02	µg/L	1	10/17/07 13:22
Methyl acetate	ND		0.50	0.30	µg/L	1	10/17/07 13:22
Methylene chloride	ND		2.00	0.03	µg/L	1	10/17/07 13:22
trans-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 13:22
Methyl tert-butyl ether	ND		0.50	0.02	µg/L	1	10/17/07 13:22
1,1-Dichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 13:22
cis-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 13:22
2-Butanone	ND		10.0	0.65	µg/L	1	10/17/07 13:22
Chloroform	ND		0.50	0.03	µg/L	1	10/17/07 13:22
1,1,1-Trichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 13:22
Cyclohexane	ND		0.50	0.06	µg/L	1	10/17/07 13:22
Carbon tetrachloride	ND		0.50	0.03	µg/L	1	10/17/07 13:22
Benzene	ND		0.50	0.01	µg/L	1	10/17/07 13:22
1,2-Dichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 13:22
Trichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 13:22
Methylcyclohexane	ND		0.50	0.03	µg/L	1	10/17/07 13:22
1,2-Dichloropropane	ND		0.50	0.03	µg/L	1	10/17/07 13:22
Bromodichloromethane	ND		0.50	0.03	µg/L	1	10/17/07 13:22
cis-1,3-Dichloropropene	ND		0.50	0.02	µg/L	1	10/17/07 13:22
4-Methyl-2-pentanone	ND		5.00	0.38	µg/L	1	10/17/07 13:22
Toluene	ND		0.50	0.02	µg/L	1	10/17/07 13:22
trans-1,3-Dichloropropene	ND		0.50	0.03	µg/L	1	10/17/07 13:22
1,1,2-Trichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 13:22
Tetrachloroethene	ND		0.50	0.03	µg/L	1	10/17/07 13:22

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-002A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084-MW-8S-1007***
W Order:	0710091	**Collection Date:**	10/11/07 11:35
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M2998.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	0.58	µg/L	1	10/17/07 13:22
Dibromochloromethane	ND		0.50	0.04	µg/L	1	10/17/07 13:22
1,2-Dibromoethane	ND		0.50	0.04	µg/L	1	10/17/07 13:22
Chlorobenzene	ND		0.50	0.01	µg/L	1	10/17/07 13:22
Ethylbenzene	ND		0.50	0.02	µg/L	1	10/17/07 13:22
Xylenes (total)	ND		1.00	0.04	µg/L	1	10/17/07 13:22
Styrene	ND		0.50	0.02	µg/L	1	10/17/07 13:22
Bromoform	ND		0.50	0.05	µg/L	1	10/17/07 13:22
Isopropylbenzene	ND		0.50	0.02	µg/L	1	10/17/07 13:22
1,1,2,2-Tetrachloroethane	ND		0.50	0.08	µg/L	1	10/17/07 13:22
1,3-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 13:22
1,4-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 13:22
1,2-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 13:22
1,2-Dibromo-3-chloropropane	ND		1.00	0.26	µg/L	1	10/17/07 13:22
1,2,4-Trichlorobenzene	ND		1.00	0.02	µg/L	1	10/17/07 13:22
Surr: Dibromofluoromethane	102		75-127	0.03	%REC	1	10/17/07 13:22
Surr: 1,2-Dichloroethane-d4	105		75-134	0.04	%REC	1	10/17/07 13:22
Surr: Toluene-d8	106		75-125	0.01	%REC	1	10/17/07 13:22
Surr: 4-Bromofluorobenzene	103		75-125	0.04	%REC	1	10/17/07 13:22

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-28-084-MW-8S-100

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0710091

Matrix: (soil/water) WATER Lab Sample ID: 0710091-002A

Sample wt/vol: 25 (g/mL) ML Lab File ID: M2998.D

Level: LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/17/2007

GC Column: Rtx-502.2 ID: 0.53 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-003A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084-MW-8D-1007***
W Order:	0710091	**Collection Date:**	10/11/07 10:47
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M2999.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.07	µg/L	1	10/17/07 13:59
Chloromethane	ND		1.00	0.13	µg/L	1	10/17/07 13:59
Vinyl chloride	ND		1.00	0.04	µg/L	1	10/17/07 13:59
Bromomethane	ND		1.00	0.06	µg/L	1	10/17/07 13:59
Chloroethane	ND		1.00	0.12	µg/L	1	10/17/07 13:59
Trichlorofluoromethane	ND		1.00	0.02	µg/L	1	10/17/07 13:59
1,1-Dichloroethene	ND		0.50	0.05	µg/L	1	10/17/07 13:59
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.04	µg/L	1	10/17/07 13:59
Acetone	ND		10.0	0.82	µg/L	1	10/17/07 13:59
Carbon disulfide	ND		0.50	0.02	µg/L	1	10/17/07 13:59
Methyl acetate	ND		0.50	0.30	µg/L	1	10/17/07 13:59
Methylene chloride	0.14	J	2.00	0.03	µg/L	1	10/17/07 13:59
trans-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 13:59
Methyl tert-butyl ether	ND		0.50	0.02	µg/L	1	10/17/07 13:59
1,1-Dichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 13:59
cis-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 13:59
2-Butanone	ND		10.0	0.65	µg/L	1	10/17/07 13:59
Chloroform	ND		0.50	0.03	µg/L	1	10/17/07 13:59
1,1,1-Trichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 13:59
Cyclohexane	ND		0.50	0.06	µg/L	1	10/17/07 13:59
Carbon tetrachloride	ND		0.50	0.03	µg/L	1	10/17/07 13:59
Benzene	ND		0.50	0.01	µg/L	1	10/17/07 13:59
1,2-Dichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 13:59
Trichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 13:59
Methylcyclohexane	ND		0.50	0.03	µg/L	1	10/17/07 13:59
1,2-Dichloropropane	ND		0.50	0.03	µg/L	1	10/17/07 13:59
Bromodichloromethane	ND		0.50	0.03	µg/L	1	10/17/07 13:59
cis-1,3-Dichloropropene	ND		0.50	0.02	µg/L	1	10/17/07 13:59
4-Methyl-2-pentanone	ND		5.00	0.38	µg/L	1	10/17/07 13:59
Toluene	ND		0.50	0.02	µg/L	1	10/17/07 13:59
trans-1,3-Dichloropropene	ND		0.50	0.03	µg/L	1	10/17/07 13:59
1,1,2-Trichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 13:59
Tetrachloroethene	ND		0.50	0.03	µg/L	1	10/17/07 13:59

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-003A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084-MW-8D-1007***
W Order:	0710091	**Collection Date:**	10/11/07 10:47
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M2999.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	0.58	µg/L	1	10/17/07 13:59
Dibromochloromethane	ND		0.50	0.04	µg/L	1	10/17/07 13:59
1,2-Dibromoethane	ND		0.50	0.04	µg/L	1	10/17/07 13:59
Chlorobenzene	ND		0.50	0.01	µg/L	1	10/17/07 13:59
Ethylbenzene	ND		0.50	0.02	µg/L	1	10/17/07 13:59
Xylenes (total)	ND		1.00	0.04	µg/L	1	10/17/07 13:59
Styrene	ND		0.50	0.02	µg/L	1	10/17/07 13:59
Bromoform	ND		0.50	0.05	µg/L	1	10/17/07 13:59
Isopropylbenzene	ND		0.50	0.02	µg/L	1	10/17/07 13:59
1,1,2,2-Tetrachloroethane	ND		0.50	0.08	µg/L	1	10/17/07 13:59
1,3-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 13:59
1,4-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 13:59
1,2-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 13:59
1,2-Dibromo-3-chloropropane	ND		1.00	0.26	µg/L	1	10/17/07 13:59
1,2,4-Trichlorobenzene	ND		1.00	0.02	µg/L	1	10/17/07 13:59
Surr: Dibromofluoromethane	99.2		75-127	0.03	%REC	1	10/17/07 13:59
Surr: 1,2-Dichloroethane-d4	99.3		75-134	0.04	%REC	1	10/17/07 13:59
Surr: Toluene-d8	107		75-125	0.01	%REC	1	10/17/07 13:59
Surr: 4-Bromofluorobenzene	99.2		75-125	0.04	%REC	1	10/17/07 13:59

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-28-084-MW-8D-100

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0710091

Matrix: (soil/water) WATER Lab Sample ID: 0710091-003A

Sample wt/vol: 25 (g/mL) ML Lab File ID: M2999.D

Level: LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/17/2007

GC Column: Rtx-502.2 ID: 0.53 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-004A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-24-084-MW-09-1007***
W Order:	0710091	**Collection Date:**	10/11/07 12:35
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M3000.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.07	µg/L	1	10/17/07 14:36
Chloromethane	ND		1.00	0.13	µg/L	1	10/17/07 14:36
Vinyl chloride	ND		1.00	0.04	µg/L	1	10/17/07 14:36
Bromomethane	ND		1.00	0.06	µg/L	1	10/17/07 14:36
Chloroethane	ND		1.00	0.12	µg/L	1	10/17/07 14:36
Trichlorofluoromethane	ND		1.00	0.02	µg/L	1	10/17/07 14:36
1,1-Dichloroethene	ND		0.50	0.05	µg/L	1	10/17/07 14:36
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.04	µg/L	1	10/17/07 14:36
Acetone	ND		10.0	0.82	µg/L	1	10/17/07 14:36
Carbon disulfide	ND		0.50	0.02	µg/L	1	10/17/07 14:36
Methyl acetate	ND		0.50	0.30	µg/L	1	10/17/07 14:36
Methylene chloride	ND		2.00	0.03	µg/L	1	10/17/07 14:36
trans-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 14:36
Methyl tert-butyl ether	0.69		0.50	0.02	µg/L	1	10/17/07 14:36
1,1-Dichloroethane	5.77		0.50	0.03	µg/L	1	10/17/07 14:36
cis-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 14:36
2-Butanone	ND		10.0	0.65	µg/L	1	10/17/07 14:36
Chloroform	ND		0.50	0.03	µg/L	1	10/17/07 14:36
1,1,1-Trichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 14:36
Cyclohexane	ND		0.50	0.06	µg/L	1	10/17/07 14:36
Carbon tetrachloride	ND		0.50	0.03	µg/L	1	10/17/07 14:36
Benzene	1.19		0.50	0.01	µg/L	1	10/17/07 14:36
1,2-Dichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 14:36
Trichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 14:36
Methylcyclohexane	ND		0.50	0.03	µg/L	1	10/17/07 14:36
1,2-Dichloropropane	ND		0.50	0.03	µg/L	1	10/17/07 14:36
Bromodichloromethane	ND		0.50	0.03	µg/L	1	10/17/07 14:36
cis-1,3-Dichloropropene	ND		0.50	0.02	µg/L	1	10/17/07 14:36
4-Methyl-2-pentanone	ND		5.00	0.38	µg/L	1	10/17/07 14:36
Toluene	ND		0.50	0.02	µg/L	1	10/17/07 14:36
trans-1,3-Dichloropropene	ND		0.50	0.03	µg/L	1	10/17/07 14:36
1,1,2-Trichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 14:36
Tetrachloroethene	ND		0.50	0.03	µg/L	1	10/17/07 14:36

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-004A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-24-084-MW-09-1007***
W Order:	0710091	**Collection Date:**	10/11/07 12:35
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M3000.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	0.58	µg/L	1	10/17/07 14:36
Dibromochloromethane	ND		0.50	0.04	µg/L	1	10/17/07 14:36
1,2-Dibromoethane	ND		0.50	0.04	µg/L	1	10/17/07 14:36
Chlorobenzene	ND		0.50	0.01	µg/L	1	10/17/07 14:36
Ethylbenzene	1.38		0.50	0.02	µg/L	1	10/17/07 14:36
Xylenes (total)	1.94		1.00	0.04	µg/L	1	10/17/07 14:36
Styrene	ND		0.50	0.02	µg/L	1	10/17/07 14:36
Bromoform	ND		0.50	0.05	µg/L	1	10/17/07 14:36
Isopropylbenzene	ND		0.50	0.02	µg/L	1	10/17/07 14:36
1,1,2,2-Tetrachloroethane	ND		0.50	0.08	µg/L	1	10/17/07 14:36
1,3-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 14:36
1,4-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 14:36
1,2-Dichlorobenzene	2.60		0.50	0.02	µg/L	1	10/17/07 14:36
1,2-Dibromo-3-chloropropane	ND		1.00	0.26	µg/L	1	10/17/07 14:36
1,2,4-Trichlorobenzene	ND		1.00	0.02	µg/L	1	10/17/07 14:36
Surr: Dibromofluoromethane	97.6		75-127	0.03	%REC	1	10/17/07 14:36
Surr: 1,2-Dichloroethane-d4	93.3		75-134	0.04	%REC	1	10/17/07 14:36
Surr: Toluene-d8	106		75-125	0.01	%REC	1	10/17/07 14:36
Surr: 4-Bromofluorobenzene	101		75-125	0.04	%REC	1	10/17/07 14:36

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-24-084-MW-09-100

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0710091

Matrix: (soil/water) WATER Lab Sample ID: 0710091-004A

Sample wt/vol: ~~5~~ 25 (g/mL) ML Lab File ID: M3000.D

Level: LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/17/2007

GC Column: Rtx-502.2 ID: 0.53 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 1 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1	000496-11-7	Indane	27.08	1.79	JN

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-005A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-24-084-MW-01-1007***
W Order:	0710091	**Collection Date:**	10/11/07 14:45
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M3001.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.07	µg/L	1	10/17/07 15:13
Chloromethane	ND		1.00	0.13	µg/L	1	10/17/07 15:13
Vinyl chloride	ND		1.00	0.04	µg/L	1	10/17/07 15:13
Bromomethane	ND		1.00	0.06	µg/L	1	10/17/07 15:13
Chloroethane	ND		1.00	0.12	µg/L	1	10/17/07 15:13
Trichlorofluoromethane	ND		1.00	0.02	µg/L	1	10/17/07 15:13
1,1-Dichloroethene	ND		0.50	0.05	µg/L	1	10/17/07 15:13
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.04	µg/L	1	10/17/07 15:13
Acetone	ND		10.0	0.82	µg/L	1	10/17/07 15:13
Carbon disulfide	ND		0.50	0.02	µg/L	1	10/17/07 15:13
Methyl acetate	ND		0.50	0.30	µg/L	1	10/17/07 15:13
Methylene chloride	ND		2.00	0.03	µg/L	1	10/17/07 15:13
trans-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 15:13
Methyl tert-butyl ether	ND		0.50	0.02	µg/L	1	10/17/07 15:13
1,1-Dichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 15:13
cis-1,2-Dichloroethene	0.50		0.50	0.03	µg/L	1	10/17/07 15:13
2-Butanone	ND		10.0	0.65	µg/L	1	10/17/07 15:13
Chloroform	ND		0.50	0.03	µg/L	1	10/17/07 15:13
1,1,1-Trichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 15:13
Cyclohexane	ND		0.50	0.06	µg/L	1	10/17/07 15:13
Carbon tetrachloride	ND		0.50	0.03	µg/L	1	10/17/07 15:13
Benzene	ND		0.50	0.01	µg/L	1	10/17/07 15:13
1,2-Dichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 15:13
Trichloroethene	0.23	J	0.50	0.03	µg/L	1	10/17/07 15:13
Methylcyclohexane	ND		0.50	0.03	µg/L	1	10/17/07 15:13
1,2-Dichloropropane	ND		0.50	0.03	µg/L	1	10/17/07 15:13
Bromodichloromethane	ND		0.50	0.03	µg/L	1	10/17/07 15:13
cis-1,3-Dichloropropene	ND		0.50	0.02	µg/L	1	10/17/07 15:13
4-Methyl-2-pentanone	ND		5.00	0.38	µg/L	1	10/17/07 15:13
Toluene	ND		0.50	0.02	µg/L	1	10/17/07 15:13
trans-1,3-Dichloropropene	ND		0.50	0.03	µg/L	1	10/17/07 15:13
1,1,2-Trichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 15:13
Tetrachloroethene	3.06		0.50	0.03	µg/L	1	10/17/07 15:13

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
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East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-005A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-24-084-MW-01-1007***
W Order:	0710091	**Collection Date:**	10/11/07 14:45
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M3001.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	0.58	µg/L	1	10/17/07 15:13
Dibromochloromethane	ND		0.50	0.04	µg/L	1	10/17/07 15:13
1,2-Dibromoethane	ND		0.50	0.04	µg/L	1	10/17/07 15:13
Chlorobenzene	ND		0.50	0.01	µg/L	1	10/17/07 15:13
Ethylbenzene	0.10	J	0.50	0.02	µg/L	1	10/17/07 15:13
Xylenes (total)	ND		1.00	0.04	µg/L	1	10/17/07 15:13
Styrene	ND		0.50	0.02	µg/L	1	10/17/07 15:13
Bromoform	ND		0.50	0.05	µg/L	1	10/17/07 15:13
Isopropylbenzene	0.24	J	0.50	0.02	µg/L	1	10/17/07 15:13
1,1,2,2-Tetrachloroethane	ND		0.50	0.08	µg/L	1	10/17/07 15:13
1,3-Dichlorobenzene	0.51		0.50	0.02	µg/L	1	10/17/07 15:13
1,4-Dichlorobenzene	2.13		0.50	0.02	µg/L	1	10/17/07 15:13
1,2-Dichlorobenzene	1.70		0.50	0.02	µg/L	1	10/17/07 15:13
1,2-Dibromo-3-chloropropane	ND		1.00	0.26	µg/L	1	10/17/07 15:13
1,2,4-Trichlorobenzene	ND		1.00	0.02	µg/L	1	10/17/07 15:13
Surr: Dibromofluoromethane	98.6		75-127	0.03	%REC	1	10/17/07 15:13
Surr: 1,2-Dichloroethane-d4	97.4		75-134	0.04	%REC	1	10/17/07 15:13
Surr: Toluene-d8	107		75-125	0.01	%REC	1	10/17/07 15:13
Surr: 4-Bromofluorobenzene	102		75-125	0.04	%REC	1	10/17/07 15:13

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-24-084-MW-01-100

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0710091

Matrix: (soil/water) WATER Lab Sample ID: 0710091-005A

Sample wt/vol: 25 (g/mL) ML Lab File ID: M3001.D

Level: LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/17/2007

GC Column: Rtx-502.2 ID: 0.53 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 10 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000620-14-4	Benzene, 1-ethyl-3-methyl-	25.09	1.08	JN
2.	000093-53-8	Benzeneacetaldehyde, .alpha.-m	25.76	1.78	JN
3.	000141-93-5	Benzene, 1,3-diethyl-	26.69	2.02	JN
4.	000496-11-7	Indane	27.08	1.43	JN
5.		unknown (27.87)	27.87	2.19	J
6.	027133-93-3	2,3-Dihydro-1-methylindene	28.03	4.89	JN
7.		unknown (28.27)	28.27	1.81	J
8.	000824-22-6	1H-Indene, 2,3-dihydro-4-methy	29.13	1.53	JN
9.	000824-22-6	1H-Indene, 2,3-dihydro-4-methy	29.43	2.62	JN
10.	000119-64-2	Naphthalene, 1,2,3,4-tetrahydr	29.83	3.58	JN

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-006A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-24-084-GP-09-1007***
W Order:	0710091	**Collection Date:**	10/11/07 13:50
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M3002.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.07	µg/L	1	10/17/07 15:50
Chloromethane	ND		1.00	0.13	µg/L	1	10/17/07 15:50
Vinyl chloride	ND		1.00	0.04	µg/L	1	10/17/07 15:50
Bromomethane	ND		1.00	0.06	µg/L	1	10/17/07 15:50
Chloroethane	0.58	J	1.00	0.12	µg/L	1	10/17/07 15:50
Trichlorofluoromethane	ND		1.00	0.02	µg/L	1	10/17/07 15:50
1,1-Dichloroethene	ND		0.50	0.05	µg/L	1	10/17/07 15:50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.04	µg/L	1	10/17/07 15:50
Acetone	5.16	J	10.0	0.82	µg/L	1	10/17/07 15:50
Carbon disulfide	ND		0.50	0.02	µg/L	1	10/17/07 15:50
Methyl acetate	ND		0.50	0.30	µg/L	1	10/17/07 15:50
Methylene chloride	0.15	J	2.00	0.03	µg/L	1	10/17/07 15:50
trans-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 15:50
Methyl tert-butyl ether	1.73		0.50	0.02	µg/L	1	10/17/07 15:50
1,1-Dichloroethane	1.68		0.50	0.03	µg/L	1	10/17/07 15:50
cis-1,2-Dichloroethene	0.22	J	0.50	0.03	µg/L	1	10/17/07 15:50
2-Butanone	ND		10.0	0.65	µg/L	1	10/17/07 15:50
Chloroform	ND		0.50	0.03	µg/L	1	10/17/07 15:50
1,1,1-Trichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 15:50
Cyclohexane	ND		0.50	0.06	µg/L	1	10/17/07 15:50
Carbon tetrachloride	ND		0.50	0.03	µg/L	1	10/17/07 15:50
Benzene	1.16		0.50	0.01	µg/L	1	10/17/07 15:50
1,2-Dichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 15:50
Trichloroethene	0.32	J	0.50	0.03	µg/L	1	10/17/07 15:50
Methylcyclohexane	ND		0.50	0.03	µg/L	1	10/17/07 15:50
1,2-Dichloropropane	0.27	J	0.50	0.03	µg/L	1	10/17/07 15:50
Bromodichloromethane	ND		0.50	0.03	µg/L	1	10/17/07 15:50
cis-1,3-Dichloropropene	ND		0.50	0.02	µg/L	1	10/17/07 15:50
4-Methyl-2-pentanone	ND		5.00	0.38	µg/L	1	10/17/07 15:50
Toluene	9.57		0.50	0.02	µg/L	1	10/17/07 15:50
trans-1,3-Dichloropropene	ND		0.50	0.03	µg/L	1	10/17/07 15:50
1,1,2-Trichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 15:50
Tetrachloroethene	ND		0.50	0.03	µg/L	1	10/17/07 15:50

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-006A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-24-084-GP-09-1007***
W Order:	0710091	**Collection Date:**	10/11/07 13:50
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M3002.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	0.58	µg/L	1	10/17/07 15:50
Dibromochloromethane	ND		0.50	0.04	µg/L	1	10/17/07 15:50
1,2-Dibromoethane	ND		0.50	0.04	µg/L	1	10/17/07 15:50
Chlorobenzene	0.59		0.50	0.01	µg/L	1	10/17/07 15:50
Ethylbenzene	6.03		0.50	0.02	µg/L	1	10/17/07 15:50
Xylenes (total)	27.3		1.00	0.04	µg/L	1	10/17/07 15:50
Styrene	ND		0.50	0.02	µg/L	1	10/17/07 15:50
Bromoform	ND		0.50	0.05	µg/L	1	10/17/07 15:50
Isopropylbenzene	0.84		0.50	0.02	µg/L	1	10/17/07 15:50
1,1,2,2-Tetrachloroethane	ND		0.50	0.08	µg/L	1	10/17/07 15:50
1,3-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 15:50
1,4-Dichlorobenzene	1.80		0.50	0.02	µg/L	1	10/17/07 15:50
1,2-Dichlorobenzene	46.3	E	0.50	0.02	µg/L	1	10/17/07 15:50
1,2-Dibromo-3-chloropropane	ND		1.00	0.26	µg/L	1	10/17/07 15:50
1,2,4-Trichlorobenzene	ND		1.00	0.02	µg/L	1	10/17/07 15:50
Surr: Dibromofluoromethane	98.7		75-127	0.03	%REC	1	10/17/07 15:50
Surr: 1,2-Dichloroethane-d4	97.1		75-134	0.04	%REC	1	10/17/07 15:50
Surr: Toluene-d8	107		75-125	0.01	%REC	1	10/17/07 15:50
Surr: 4-Bromofluorobenzene	99.8		75-125	0.04	%REC	1	10/17/07 15:50

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-24-084-GP-09-100

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0710091

Matrix: (soil/water) WATER Lab Sample ID: 0710091-006A

Sample wt/vol: 1.5 (g/mL) ML Lab File ID: M3002.D

Level: LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/17/2007

GC Column: Rtx-502.2 ID: 0.53 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 4 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000611-14-3	Benzene, 1-ethyl-2-methyl- (24	24.37	1.31	JN
2.	000611-14-3	Benzene, 1-ethyl-2-methyl- (25	25.10	2.22	JN
3.	000496-11-7	Indane	27.09	2.21	JN
4.		unknown	28.81	1.26	J

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5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-006ADL**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-24-084-GP-09-1007***
W Order:	0710091	**Collection Date:**	10/11/07 13:50
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11554
Revision:	10/22/07 15:06	**TestCode:** 8260W OLM42	**FileID:** 1-DL-M3016.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		2.00	0.13	µg/L	2	10/18/07 15:12
Chloromethane	ND		2.00	0.25	µg/L	2	10/18/07 15:12
Vinyl chloride	ND		2.00	0.08	µg/L	2	10/18/07 15:12
Bromomethane	ND		2.00	0.12	µg/L	2	10/18/07 15:12
Chloroethane	ND		2.00	0.23	µg/L	2	10/18/07 15:12
Trichlorofluoromethane	ND		2.00	0.04	µg/L	2	10/18/07 15:12
1,1-Dichloroethene	ND		1.00	0.09	µg/L	2	10/18/07 15:12
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.00	0.09	µg/L	2	10/18/07 15:12
Acetone	4.28	J	20.0	1.65	µg/L	2	10/18/07 15:12
Carbon disulfide	ND		1.00	0.04	µg/L	2	10/18/07 15:12
Methyl acetate	ND		1.00	0.61	µg/L	2	10/18/07 15:12
Methylene chloride	0.24	J	4.00	0.07	µg/L	2	10/18/07 15:12
trans-1,2-Dichloroethene	ND		1.00	0.05	µg/L	2	10/18/07 15:12
Methyl tert-butyl ether	1.76		1.00	0.05	µg/L	2	10/18/07 15:12
1,1-Dichloroethane	1.56		1.00	0.07	µg/L	2	10/18/07 15:12
cis-1,2-Dichloroethene	ND		1.00	0.06	µg/L	2	10/18/07 15:12
2-Butanone	ND		20.0	1.30	µg/L	2	10/18/07 15:12
Chloroform	ND		1.00	0.06	µg/L	2	10/18/07 15:12
1,1,1-Trichloroethane	ND		1.00	0.03	µg/L	2	10/18/07 15:12
Cyclohexane	ND		1.00	0.11	µg/L	2	10/18/07 15:12
Carbon tetrachloride	ND		1.00	0.06	µg/L	2	10/18/07 15:12
Benzene	1.08		1.00	0.02	µg/L	2	10/18/07 15:12
1,2-Dichloroethane	ND		1.00	0.05	µg/L	2	10/18/07 15:12
Trichloroethene	0.26	J	1.00	0.05	µg/L	2	10/18/07 15:12
Methylcyclohexane	ND		1.00	0.07	µg/L	2	10/18/07 15:12
1,2-Dichloropropane	ND		1.00	0.05	µg/L	2	10/18/07 15:12
Bromodichloromethane	ND		1.00	0.06	µg/L	2	10/18/07 15:12
cis-1,3-Dichloropropene	ND		1.00	0.04	µg/L	2	10/18/07 15:12
4-Methyl-2-pentanone	ND		10.0	0.75	µg/L	2	10/18/07 15:12
Toluene	7.16		1.00	0.04	µg/L	2	10/18/07 15:12
trans-1,3-Dichloropropene	ND		1.00	0.06	µg/L	2	10/18/07 15:12
1,1,2-Trichloroethane	ND		1.00	0.06	µg/L	2	10/18/07 15:12
Tetrachloroethene	ND		1.00	0.06	µg/L	2	10/18/07 15:12

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-006ADL**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-24-084-GP-09-1007***
W Order:	0710091	**Collection Date:**	10/11/07 13:50
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11554
Revision:	10/22/07 15:06	**TestCode:** 8260W OLM42	**FileID:** 1-DL-M3016.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		10.0	1.16	µg/L	2	10/18/07 15:12
Dibromochloromethane	ND		1.00	0.08	µg/L	2	10/18/07 15:12
1,2-Dibromoethane	ND		1.00	0.07	µg/L	2	10/18/07 15:12
Chlorobenzene	ND		1.00	0.02	µg/L	2	10/18/07 15:12
Ethylbenzene	5.14		1.00	0.05	µg/L	2	10/18/07 15:12
Xylenes (total)	24.2		2.00	0.08	µg/L	2	10/18/07 15:12
Styrene	ND		1.00	0.04	µg/L	2	10/18/07 15:12
Bromoform	ND		1.00	0.09	µg/L	2	10/18/07 15:12
Isopropylbenzene	0.72	J	1.00	0.04	µg/L	2	10/18/07 15:12
1,1,2,2-Tetrachloroethane	ND		1.00	0.16	µg/L	2	10/18/07 15:12
1,3-Dichlorobenzene	ND		1.00	0.04	µg/L	2	10/18/07 15:12
1,4-Dichlorobenzene	1.70		1.00	0.03	µg/L	2	10/18/07 15:12
1,2-Dichlorobenzene	46.7		1.00	0.04	µg/L	2	10/18/07 15:12
1,2-Dibromo-3-chloropropane	ND		2.00	0.52	µg/L	2	10/18/07 15:12
1,2,4-Trichlorobenzene	ND		2.00	0.05	µg/L	2	10/18/07 15:12
Surr: Dibromofluoromethane	103		75-127	0.05	%REC	2	10/18/07 15:12
Surr: 1,2-Dichloroethane-d4	104		75-134	0.07	%REC	2	10/18/07 15:12
Surr: Toluene-d8	108		75-125	0.02	%REC	2	10/18/07 15:12
Surr: 4-Bromofluorobenzene	102		75-125	0.07	%REC	2	10/18/07 15:12

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-007A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-24-084-Dup-1007***
W Order:	0710091	**Collection Date:**	10/11/07 0:00
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11554
Revision:	10/22/07 15:06	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M3015.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.07	µg/L	1	10/18/07 14:33
Chloromethane	ND		1.00	0.13	µg/L	1	10/18/07 14:33
Vinyl chloride	ND		1.00	0.04	µg/L	1	10/18/07 14:33
Bromomethane	ND		1.00	0.06	µg/L	1	10/18/07 14:33
Chloroethane	ND		1.00	0.12	µg/L	1	10/18/07 14:33
Trichlorofluoromethane	ND		1.00	0.02	µg/L	1	10/18/07 14:33
1,1-Dichloroethene	ND		0.50	0.05	µg/L	1	10/18/07 14:33
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.04	µg/L	1	10/18/07 14:33
Acetone	1.03	J	10.0	0.82	µg/L	1	10/18/07 14:33
Carbon disulfide	ND		0.50	0.02	µg/L	1	10/18/07 14:33
Methyl acetate	ND		0.50	0.30	µg/L	1	10/18/07 14:33
Methylene chloride	ND		2.00	0.03	µg/L	1	10/18/07 14:33
trans-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/18/07 14:33
Methyl tert-butyl ether	ND		0.50	0.02	µg/L	1	10/18/07 14:33
1,1-Dichloroethane	ND		0.50	0.03	µg/L	1	10/18/07 14:33
cis-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/18/07 14:33
2-Butanone	ND		10.0	0.65	µg/L	1	10/18/07 14:33
Chloroform	ND		0.50	0.03	µg/L	1	10/18/07 14:33
1,1,1-Trichloroethane	ND		0.50	0.02	µg/L	1	10/18/07 14:33
Cyclohexane	ND		0.50	0.06	µg/L	1	10/18/07 14:33
Carbon tetrachloride	ND		0.50	0.03	µg/L	1	10/18/07 14:33
Benzene	ND		0.50	0.01	µg/L	1	10/18/07 14:33
1,2-Dichloroethane	ND		0.50	0.02	µg/L	1	10/18/07 14:33
Trichloroethene	ND		0.50	0.03	µg/L	1	10/18/07 14:33
Methylcyclohexane	ND		0.50	0.03	µg/L	1	10/18/07 14:33
1,2-Dichloropropane	ND		0.50	0.03	µg/L	1	10/18/07 14:33
Bromodichloromethane	ND		0.50	0.03	µg/L	1	10/18/07 14:33
cis-1,3-Dichloropropene	ND		0.50	0.02	µg/L	1	10/18/07 14:33
4-Methyl-2-pentanone	ND		5.00	0.38	µg/L	1	10/18/07 14:33
Toluene	ND		0.50	0.02	µg/L	1	10/18/07 14:33
trans-1,3-Dichloropropene	ND		0.50	0.03	µg/L	1	10/18/07 14:33
1,1,2-Trichloroethane	ND		0.50	0.03	µg/L	1	10/18/07 14:33
Tetrachloroethene	ND		0.50	0.03	µg/L	1	10/18/07 14:33

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-007A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-24-084-Dup-1007***
W Order:	0710091	**Collection Date:**	10/11/07 0:00
Matrix:	WATER	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11554
Revision:	10/22/07 15:06	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M3015.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	0.58	µg/L	1	10/18/07 14:33
Dibromochloromethane	ND		0.50	0.04	µg/L	1	10/18/07 14:33
1,2-Dibromoethane	ND		0.50	0.04	µg/L	1	10/18/07 14:33
Chlorobenzene	ND		0.50	0.01	µg/L	1	10/18/07 14:33
Ethylbenzene	ND		0.50	0.02	µg/L	1	10/18/07 14:33
Xylenes (total)	ND		1.00	0.04	µg/L	1	10/18/07 14:33
Styrene	ND		0.50	0.02	µg/L	1	10/18/07 14:33
Bromoform	ND		0.50	0.05	µg/L	1	10/18/07 14:33
Isopropylbenzene	ND		0.50	0.02	µg/L	1	10/18/07 14:33
1,1,2,2-Tetrachloroethane	ND		0.50	0.08	µg/L	1	10/18/07 14:33
1,3-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/18/07 14:33
1,4-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/18/07 14:33
1,2-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/18/07 14:33
1,2-Dibromo-3-chloropropane	ND		1.00	0.26	µg/L	1	10/18/07 14:33
1,2,4-Trichlorobenzene	ND		1.00	0.02	µg/L	1	10/18/07 14:33
Surr: Dibromofluoromethane	101		75-127	0.03	%REC	1	10/18/07 14:33
Surr: 1,2-Dichloroethane-d4	103		75-134	0.04	%REC	1	10/18/07 14:33
Surr: Toluene-d8	106		75-125	0.01	%REC	1	10/18/07 14:33
Surr: 4-Bromofluorobenzene	100		75-125	0.04	%REC	1	10/18/07 14:33

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-24-084-Dup-1007

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0710091

Matrix: (soil/water) WATER Lab Sample ID: 0710091-007A

Sample wt/vol: 25 (g/mL) ML Lab File ID: M3015.D

Level: LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/18/2007

GC Column: Rtx-502.2 ID: 0.53 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-008A**
Project:	DEC - Autohaus	**Client Sample ID:**	***Trip Blank***
W Order:	0710091	**Collection Date:**	10/11/07 9:30
Matrix:	WATER Q	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M2996.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.07	µg/L	1	10/17/07 12:06
Chloromethane	ND		1.00	0.13	µg/L	1	10/17/07 12:06
Vinyl chloride	ND		1.00	0.04	µg/L	1	10/17/07 12:06
Bromomethane	ND		1.00	0.06	µg/L	1	10/17/07 12:06
Chloroethane	ND		1.00	0.12	µg/L	1	10/17/07 12:06
Trichlorofluoromethane	ND		1.00	0.02	µg/L	1	10/17/07 12:06
1,1-Dichloroethene	ND		0.50	0.05	µg/L	1	10/17/07 12:06
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.04	µg/L	1	10/17/07 12:06
Acetone	ND		10.0	0.82	µg/L	1	10/17/07 12:06
Carbon disulfide	ND		0.50	0.02	µg/L	1	10/17/07 12:06
Methyl acetate	ND		0.50	0.30	µg/L	1	10/17/07 12:06
Methylene chloride	1.16	J	2.00	0.03	µg/L	1	10/17/07 12:06
trans-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 12:06
Methyl tert-butyl ether	ND		0.50	0.02	µg/L	1	10/17/07 12:06
1,1-Dichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 12:06
cis-1,2-Dichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 12:06
2-Butanone	ND		10.0	0.65	µg/L	1	10/17/07 12:06
Chloroform	ND		0.50	0.03	µg/L	1	10/17/07 12:06
1,1,1-Trichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 12:06
Cyclohexane	ND		0.50	0.06	µg/L	1	10/17/07 12:06
Carbon tetrachloride	ND		0.50	0.03	µg/L	1	10/17/07 12:06
Benzene	ND		0.50	0.01	µg/L	1	10/17/07 12:06
1,2-Dichloroethane	ND		0.50	0.02	µg/L	1	10/17/07 12:06
Trichloroethene	ND		0.50	0.03	µg/L	1	10/17/07 12:06
Methylcyclohexane	ND		0.50	0.03	µg/L	1	10/17/07 12:06
1,2-Dichloropropane	ND		0.50	0.03	µg/L	1	10/17/07 12:06
Bromodichloromethane	ND		0.50	0.03	µg/L	1	10/17/07 12:06
cis-1,3-Dichloropropene	ND		0.50	0.02	µg/L	1	10/17/07 12:06
4-Methyl-2-pentanone	ND		5.00	0.38	µg/L	1	10/17/07 12:06
Toluene	ND		0.50	0.02	µg/L	1	10/17/07 12:06
trans-1,3-Dichloropropene	ND		0.50	0.03	µg/L	1	10/17/07 12:06
1,1,2-Trichloroethane	ND		0.50	0.03	µg/L	1	10/17/07 12:06
Tetrachloroethene	ND		0.50	0.03	µg/L	1	10/17/07 12:06

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0710091-008A**
Project:	DEC - Autohaus	**Client Sample ID:**	***Trip Blank***
W Order:	0710091	**Collection Date:**	10/11/07 9:30
Matrix:	WATER Q	**Date Received:**	10/12/07 9:18
Inst. ID:	MS02 12	**Sample Size:** 25 mL	**PrepDate:**
ColumnID:	Rtx-502.2	**%Moisture:**	**BatchNo:** R11560
Revision:	10/22/07 11:02	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-M2996.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	0.58	µg/L	1	10/17/07 12:06
Dibromochloromethane	ND		0.50	0.04	µg/L	1	10/17/07 12:06
1,2-Dibromoethane	ND		0.50	0.04	µg/L	1	10/17/07 12:06
Chlorobenzene	ND		0.50	0.01	µg/L	1	10/17/07 12:06
Ethylbenzene	ND		0.50	0.02	µg/L	1	10/17/07 12:06
Xylenes (total)	ND		1.00	0.04	µg/L	1	10/17/07 12:06
Styrene	ND		0.50	0.02	µg/L	1	10/17/07 12:06
Bromoform	ND		0.50	0.05	µg/L	1	10/17/07 12:06
Isopropylbenzene	ND		0.50	0.02	µg/L	1	10/17/07 12:06
1,1,2,2-Tetrachloroethane	ND		0.50	0.08	µg/L	1	10/17/07 12:06
1,3-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 12:06
1,4-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 12:06
1,2-Dichlorobenzene	ND		0.50	0.02	µg/L	1	10/17/07 12:06
1,2-Dibromo-3-chloropropane	ND		1.00	0.26	µg/L	1	10/17/07 12:06
1,2,4-Trichlorobenzene	ND		1.00	0.02	µg/L	1	10/17/07 12:06
Surr: Dibromofluoromethane	103		75-127	0.03	%REC	1	10/17/07 12:06
Surr: 1,2-Dichloroethane-d4	101		75-134	0.04	%REC	1	10/17/07 12:06
Surr: Toluene-d8	108		75-125	0.01	%REC	1	10/17/07 12:06
Surr: 4-Bromofluorobenzene	102		75-125	0.04	%REC	1	10/17/07 12:06

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Trip Blank

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0710091

Matrix: (soil/water) WATER Lab Sample ID: 0710091-008A

Sample wt/vol: 25 (g/mL) ML Lab File ID: M2996.D

Level: LOW Date Received: 10/12/2007

% Moisture: not dec. Date Analyzed: 10/17/2007

GC Column: Rtx-502.2 ID: 0.53 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Tuesday, November 25, 2008

Robert Casey
EA Engineering Science and Technology
6712 Brooklawn Parkway, Suite 104
Syracuse, NY 13211-2158

TEL: 315-431-4610

Project: DEC - AUTOHAUS
RE: Analytical Result Order No.: 0810111

Dear Robert Casey:

Life Science Laboratories, Inc. received 8 sample(s) on 10/15/2008 for the analyses presented in the following report.

Very truly yours,
Life Science Laboratories, Inc.

Pamela J. Titus for M.S.

Monika Santucci
Project Manager

Sample Data Summary Package

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL SUMMARY

NYS DEC SAMPLE ID	LABORATORY SAMPLE ID	Type	Analytical Requirements					
			VOA GC/MS Method #	BNA GC/MS Method #	VOA GC Method #	MISC GC Method #	METALS Method #	OTHER Method #
8-28-084 MW1	0810111-001	SAMP	SW8260B					
8-28-084 MW 8S	0810111-002	SAMP	SW8260B					
8-28-084 MW 8D	0810111-003	MS	SW8260B					
8-28-084 MW 8D	0810111-003	MSD	SW8260B					
8-28-084 MW 8D	0810111-003	SAMP	SW8260B					
8-28-084 MW 9	0810111-004	SAMP	SW8260B					
8-28-084 GP 9	0810111-005	SAMP	SW8260B					
8-28-084 MW 10	0810111-006	SAMP	SW8260B					
8-28-084 MW Dup	0810111-007	SAMP	SW8260B					
Trip Blank	0810111-008	SAMP	SW8260B					

SW8260B

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY

VOLATILE (VOA) ANALYSES

LABORATORY SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED
0810111-001A	Groundwater	10/14/08	10/15/08		10/17/08
0810111-002A	Groundwater	10/14/08	10/15/08		10/17/08
0810111-003A	Groundwater	10/14/08	10/15/08		10/17/08
0810111-003AMS	Groundwater	10/14/08	10/15/08		10/17/08
0810111-003AMSD	Groundwater	10/14/08	10/15/08		10/17/08
0810111-004A	Groundwater	10/14/08	10/15/08		10/17/08
0810111-005A	Groundwater	10/14/08	10/15/08		10/17/08
0810111-006A	Groundwater	10/14/08	10/15/08		10/17/08
0810111-007A	Groundwater	10/14/08	10/15/08		10/17/08
0810111-008A	Water Q	10/14/08	10/15/08		10/17/08

SW8260B

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY

VOLATILE ANALYSES

LABORATORY SAMPLE ID	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEANUP	DIL/CONC FACTOR
0810111-001A	Groundwater	SW8260B	NONE	NONE	1X
0810111-002A	Groundwater	SW8260B	NONE	NONE	1X
0810111-003A	Groundwater	SW8260B	NONE	NONE	1X
0810111-003AMS	Groundwater	SW8260B	NONE	NONE	1X
0810111-003AMSD	Groundwater	SW8260B	NONE	NONE	1X
0810111-004A	Groundwater	SW8260B	NONE	NONE	1X
0810111-005A	Groundwater	SW8260B	NONE	NONE	1X
0810111-006A	Groundwater	SW8260B	NONE	NONE	1X
0810111-007A	Groundwater	SW8260B	NONE	NONE	1X
0810111-008A	Water Q	SW8260B	NONE	NONE	1X

Project Management Case Narrative

INTRODUCTION/ANALYTICAL RESULTS

This report summarizes the laboratory results for EA Engineering Science & Technology, DEC-Autohaus project. New York State Department of Environmental Conservation forms are included in the Sample Data Summary Package.

CONDITION UPON RECEIPT/CHAIN OF CUSTODY

The cooler(s) were received intact. When the cooler(s) were received by the laboratory, the sample custodian(s) opened and inspected the shipment(s) for damage and custody inconsistencies. Chain of custodies documenting receipt are presented in the chain of custody section. Each sample was assigned a unique laboratory number and a custody file created. The samples were placed in a secured walk-in cooler and signed in and out by the chemists performing the tests. The sign out record, or lab chronicle, is presented in the chain of custody section.

No discrepancies were noted upon receipt. The temperature of the iced cooler was 1.6°C.

METHODOLOGY

The following methods were used to perform the analyses:

PARAMETER	METHOD	REFERENCE
Volatile Organics	SW8260B	1
Ethylene Glycol	LSL Standard Operating Procedure	2

1) New York State Department of Environmental Conservation Analytical Services Protocol, June 2000.

2) Westchester County Department of Laboratories and Research Environmental Services: Analyzing Ethylene Glycol and Propylene Glycol in Water Samples.

QUALITY CONTROL

QA/QC results are summarized in the Laboratory Report Package and are also included in the raw data.

RAW DATA

The raw data is organized in the New York State Department of Environmental Conservation Analytical Services Protocol Category "B" order of data requirements.

Total # of pages in this report_____

GC/MS Volatile Organics Case Narrative

Client:	EA
Project/Order:	DEC - Autohaus
Work Order #:	0810111
Methodology:	8260B

Analyzed/Reviewed by (Initials/Date): 10/29/08

Supervisor/Reviewed by (Initials/Date): 11-10-08

QA/QC Review (Initials/Date): 11/11/08

File Name: G:\Narratives\MSVoa\0810111msvnar.doc

GC/MS Volatile Organics
The GC/MS Volatile instruments are equipped with a Restek Rtx-VMS, 40 m x 0.18 mm ID capillary column (MS01 & MS03), Restek Rtx-502.2, 105 m x 0.53 mm ID capillary column (MS02), and Restek Rtx-VMS, 60 m x 0.25mm ID capillary column (MS04), and a Vocarb 3000 adsorbent trap.

There were no excursions to note. All QC results were within established control limits.

Holding Times and Sample Preservation
All samples were prepared and analyzed within the method and/or QAPP specified holding time requirements. Samples had a pH of < 2.

Laboratory Control Sample
All spike recoveries met method and/or project specific QC criteria.

MS/MSD/MSB
All spike recovery and RPD data met method and/or project specific QC criteria.

Surrogate Standards
All surrogate standard recoveries met method and/or project specific QC criteria.

Internal Standards
All internal standard areas met method and/or project specific QC criteria.

Calibrations
All initial calibrations and calibration verifications met method and/or project specific QC criteria.

Preparation Blanks
All preparation blanks met method and/or project specific QC criteria.

Life Science Laboratories, Inc.

Date: *25-Nov-08*

CLIENT: EA Engineering Science and Technology
Project: DEC - Autohaus
Lab Order: 0810111

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
0810111-001A	8-28-084 MW1		10/14/2008	10/15/2008
0810111-002A	8-28-084 MW 8S		10/14/2008	10/15/2008
0810111-003A	8-28-084 MW 8D		10/14/2008	10/15/2008
0810111-004A	8-28-084 MW 9		10/14/2008	10/15/2008
0810111-004B	8-28-084 MW 9		10/14/2008	10/15/2008
0810111-005A	8-28-084 GP 9		10/14/2008	10/15/2008
0810111-006A	8-28-084 MW 10		10/14/2008	10/15/2008
0810111-007A	8-28-084 MW Dup		10/14/2008	10/15/2008
0810111-008A	Trip Blank		10/14/2008	10/15/2008

Lab Order: 0810111
Client: EA Engineering Science and Technology
Project: DEC - Autohaus

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0810111-001A	8-28-084 MW1	10/14/2008 12:40:00 PM	Groundwater	Volatile Organic Compounds by GC/MS			10/17/2008
0810111-002A	8-28-084 MW 8S	10/14/2008 10:10:00 AM		Volatile Organic Compounds by GC/MS			10/17/2008
0810111-003A	8-28-084 MW 8D	10/14/2008 10:45:00 AM		Volatile Organic Compounds by GC/MS			10/17/2008
0810111-004A	8-28-084 MW 9	10/14/2008 1:25:00 PM		Volatile Organic Compounds by GC/MS			10/17/2008
0810111-005A	8-28-084 GP 9	10/14/2008 12:05:00 PM		Volatile Organic Compounds by GC/MS			10/17/2008
0810111-006A	8-28-084 MW 10	10/14/2008 11:27:00 AM		Volatile Organic Compounds by GC/MS			10/17/2008
0810111-007A	8-28-084 MW Dup	10/14/2008		Volatile Organic Compounds by GC/MS			10/17/2008
0810111-008A	Trip Blank	10/14/2008 10:10:00 AM	Water Q	Volatile Organic Compounds by GC/MS			10/17/2008

Analytical Results

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-001A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW1***
W Order:	0810111	**Collection Date:**	10/14/08 12:40
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7431.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	10/17/08 12:40
Chloromethane	ND		1.00	0.50	µg/L	1	10/17/08 12:40
Vinyl chloride	ND		1.00	0.50	µg/L	1	10/17/08 12:40
Bromomethane	ND		1.00	0.19	µg/L	1	10/17/08 12:40
Chloroethane	ND		1.00	0.50	µg/L	1	10/17/08 12:40
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	10/17/08 12:40
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	10/17/08 12:40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	10/17/08 12:40
Acetone	ND		10.0	2.50	µg/L	1	10/17/08 12:40
Carbon disulfide	ND		0.50	0.16	µg/L	1	10/17/08 12:40
Methyl acetate	ND		5.00	2.50	µg/L	1	10/17/08 12:40
Methylene chloride	ND		2.00	0.16	µg/L	1	10/17/08 12:40
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 12:40
Methyl tert-butyl ether	ND		1.00	0.50	µg/L	1	10/17/08 12:40
1,1-Dichloroethane	0.24	J	0.50	0.16	µg/L	1	10/17/08 12:40
cis-1,2-Dichloroethene	0.26	J	0.50	0.16	µg/L	1	10/17/08 12:40
2-Butanone	ND		10.0	2.50	µg/L	1	10/17/08 12:40
Chloroform	ND		0.50	0.10	µg/L	1	10/17/08 12:40
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 12:40
Cyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 12:40
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	10/17/08 12:40
Benzene	ND		0.50	0.16	µg/L	1	10/17/08 12:40
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 12:40
Trichloroethene	0.24	J	0.50	0.10	µg/L	1	10/17/08 12:40
Methylcyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 12:40
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	10/17/08 12:40
Bromodichloromethane	ND		0.50	0.16	µg/L	1	10/17/08 12:40
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 12:40
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	10/17/08 12:40
Toluene	ND		0.50	0.10	µg/L	1	10/17/08 12:40
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 12:40
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 12:40
Tetrachloroethene	1.72		0.50	0.10	µg/L	1	10/17/08 12:40

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-001A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW1***
W Order:	0810111	**Collection Date:**	10/14/08 12:40
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7431.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	1.00	µg/L	1	10/17/08 12:40
Dibromochloromethane	ND		0.50	0.16	µg/L	1	10/17/08 12:40
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	10/17/08 12:40
Chlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 12:40
Ethylbenzene	ND		0.50	0.10	µg/L	1	10/17/08 12:40
Xylenes (total)	ND		1.00	0.26	µg/L	1	10/17/08 12:40
Styrene	ND		0.50	0.16	µg/L	1	10/17/08 12:40
Bromoform	ND		1.00	0.50	µg/L	1	10/17/08 12:40
Isopropylbenzene	ND		0.50	0.16	µg/L	1	10/17/08 12:40
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	10/17/08 12:40
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 12:40
1,4-Dichlorobenzene	0.51		0.50	0.16	µg/L	1	10/17/08 12:40
1,2-Dichlorobenzene	0.25	J	0.50	0.16	µg/L	1	10/17/08 12:40
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	10/17/08 12:40
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	10/17/08 12:40
Surr: 1,2-Dichloroethane-d4	113		75-134	0.10	%REC	1	10/17/08 12:40
Surr: Toluene-d8	98.3		75-125	0.10	%REC	1	10/17/08 12:40
Surr: 4-Bromofluorobenzene	101		75-125	0.10	%REC	1	10/17/08 12:40

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-28-084 MW1

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0810111

Matrix: (soil/water) WATER Lab Sample ID: 0810111-001A

Sample wt/vol: 10 (g/mL) ML Lab File ID: J7431.D

Level: LOW Date Received: 10/15/2008

% Moisture: not dec. Date Analyzed: 10/17/2008

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-002A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW 8S***
W Order:	0810111	**Collection Date:**	10/14/08 10:10
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7432.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	10/17/08 13:14
Chloromethane	ND		1.00	0.50	µg/L	1	10/17/08 13:14
Vinyl chloride	ND		1.00	0.50	µg/L	1	10/17/08 13:14
Bromomethane	ND		1.00	0.19	µg/L	1	10/17/08 13:14
Chloroethane	ND		1.00	0.50	µg/L	1	10/17/08 13:14
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	10/17/08 13:14
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	10/17/08 13:14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	10/17/08 13:14
Acetone	ND		10.0	2.50	µg/L	1	10/17/08 13:14
Carbon disulfide	ND		0.50	0.16	µg/L	1	10/17/08 13:14
Methyl acetate	ND		5.00	2.50	µg/L	1	10/17/08 13:14
Methylene chloride	ND		2.00	0.16	µg/L	1	10/17/08 13:14
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 13:14
Methyl tert-butyl ether	ND		1.00	0.50	µg/L	1	10/17/08 13:14
1,1-Dichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 13:14
cis-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 13:14
2-Butanone	ND		10.0	2.50	µg/L	1	10/17/08 13:14
Chloroform	ND		0.50	0.10	µg/L	1	10/17/08 13:14
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 13:14
Cyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 13:14
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	10/17/08 13:14
Benzene	ND		0.50	0.16	µg/L	1	10/17/08 13:14
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 13:14
Trichloroethene	ND		0.50	0.10	µg/L	1	10/17/08 13:14
Methylcyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 13:14
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	10/17/08 13:14
Bromodichloromethane	ND		0.50	0.16	µg/L	1	10/17/08 13:14
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 13:14
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	10/17/08 13:14
Toluene	ND		0.50	0.10	µg/L	1	10/17/08 13:14
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 13:14
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 13:14
Tetrachloroethene	ND		0.50	0.10	µg/L	1	10/17/08 13:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-002A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW 8S***
W Order:	0810111	**Collection Date:**	10/14/08 10:10
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10 **Sample Size:** 10 mL	**PrepDate:**	
ColumnID:	Rtx-VMS **%Moisture:**	**BatchNo:**	R15233
Revision:	10/22/08 8:18 **TestCode:** 8260W OLM42	**FileID:**	1-SAMP-J7432.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	1.00	µg/L	1	10/17/08 13:14
Dibromochloromethane	ND		0.50	0.16	µg/L	1	10/17/08 13:14
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	10/17/08 13:14
Chlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 13:14
Ethylbenzene	ND		0.50	0.10	µg/L	1	10/17/08 13:14
Xylenes (total)	ND		1.00	0.26	µg/L	1	10/17/08 13:14
Styrene	ND		0.50	0.16	µg/L	1	10/17/08 13:14
Bromoform	ND		1.00	0.50	µg/L	1	10/17/08 13:14
Isopropylbenzene	ND		0.50	0.16	µg/L	1	10/17/08 13:14
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	10/17/08 13:14
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 13:14
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 13:14
1,2-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 13:14
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	10/17/08 13:14
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	10/17/08 13:14
Surr: 1,2-Dichloroethane-d4	114		75-134	0.10	%REC	1	10/17/08 13:14
Surr: Toluene-d8	96.3		75-125	0.10	%REC	1	10/17/08 13:14
Surr: 4-Bromofluorobenzene	110		75-125	0.10	%REC	1	10/17/08 13:14

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-28-084 MW 8S

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0810111

Matrix: (soil/water) WATER Lab Sample ID: 0810111-002A

Sample wt/vol: 10 (g/mL) ML Lab File ID: J7432.D

Level: LOW Date Received: 10/15/2008

% Moisture: not dec. Date Analyzed: 10/17/2008

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-003A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW 8D***
W Order:	0810111	**Collection Date:**	10/14/08 10:45
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7433.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	10/17/08 13:48
Chloromethane	ND		1.00	0.50	µg/L	1	10/17/08 13:48
Vinyl chloride	ND		1.00	0.50	µg/L	1	10/17/08 13:48
Bromomethane	ND		1.00	0.19	µg/L	1	10/17/08 13:48
Chloroethane	ND		1.00	0.50	µg/L	1	10/17/08 13:48
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	10/17/08 13:48
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	10/17/08 13:48
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	10/17/08 13:48
Acetone	ND		10.0	2.50	µg/L	1	10/17/08 13:48
Carbon disulfide	ND		0.50	0.16	µg/L	1	10/17/08 13:48
Methyl acetate	ND		5.00	2.50	µg/L	1	10/17/08 13:48
Methylene chloride	ND		2.00	0.16	µg/L	1	10/17/08 13:48
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 13:48
Methyl tert-butyl ether	ND		1.00	0.50	µg/L	1	10/17/08 13:48
1,1-Dichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 13:48
cis-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 13:48
2-Butanone	ND		10.0	2.50	µg/L	1	10/17/08 13:48
Chloroform	ND		0.50	0.10	µg/L	1	10/17/08 13:48
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 13:48
Cyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 13:48
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	10/17/08 13:48
Benzene	ND		0.50	0.16	µg/L	1	10/17/08 13:48
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 13:48
Trichloroethene	ND		0.50	0.10	µg/L	1	10/17/08 13:48
Methylcyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 13:48
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	10/17/08 13:48
Bromodichloromethane	ND		0.50	0.16	µg/L	1	10/17/08 13:48
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 13:48
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	10/17/08 13:48
Toluene	ND		0.50	0.10	µg/L	1	10/17/08 13:48
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 13:48
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 13:48
Tetrachloroethene	ND		0.50	0.10	µg/L	1	10/17/08 13:48

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value exceeds the instrument calibration range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below the PQL
- ND Not Detected at the Practical Quantitation Limit (PQL)
- P Prim./Conf. column %D or RPD exceeds limit
- S Spike Recovery outside accepted recovery limits

Print Date: 10/22/08 8:19 398319 **Project Supervisor:** Monika Santucci

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-003A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW 8D***
W Order:	0810111	**Collection Date:**	10/14/08 10:45
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10 **Sample Size:** 10 mL	**PrepDate:**	
ColumnID:	Rtx-VMS **%Moisture:**	**BatchNo:**	R15233
Revision:	10/22/08 8:18 **TestCode:** 8260W OLM42	**FileID:**	1-SAMP-J7433.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	1.00	µg/L	1	10/17/08 13:48
Dibromochloromethane	ND		0.50	0.16	µg/L	1	10/17/08 13:48
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	10/17/08 13:48
Chlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 13:48
Ethylbenzene	ND		0.50	0.10	µg/L	1	10/17/08 13:48
Xylenes (total)	ND		1.00	0.26	µg/L	1	10/17/08 13:48
Styrene	ND		0.50	0.16	µg/L	1	10/17/08 13:48
Bromoform	ND		1.00	0.50	µg/L	1	10/17/08 13:48
Isopropylbenzene	ND		0.50	0.16	µg/L	1	10/17/08 13:48
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	10/17/08 13:48
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 13:48
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 13:48
1,2-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 13:48
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	10/17/08 13:48
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	10/17/08 13:48
Surr: 1,2-Dichloroethane-d4	115		75-134	0.10	%REC	1	10/17/08 13:48
Surr: Toluene-d8	99.9		75-125	0.10	%REC	1	10/17/08 13:48
Surr: 4-Bromofluorobenzene	104		75-125	0.10	%REC	1	10/17/08 13:48

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-28-084 MW 8D

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0810111

Matrix: (soil/water) WATER Lab Sample ID: 0810111-003A

Sample wt/vol: 10 (g/mL) ML Lab File ID: J7433.D

Level: LOW Date Received: 10/15/2008

% Moisture: not dec. Date Analyzed: 10/17/2008

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-004A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW 9***
W Order:	0810111	**Collection Date:**	10/14/08 13:25
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7434.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	10/17/08 14:21
Chloromethane	ND		1.00	0.50	µg/L	1	10/17/08 14:21
Vinyl chloride	ND		1.00	0.50	µg/L	1	10/17/08 14:21
Bromomethane	ND		1.00	0.19	µg/L	1	10/17/08 14:21
Chloroethane	ND		1.00	0.50	µg/L	1	10/17/08 14:21
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	10/17/08 14:21
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	10/17/08 14:21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	10/17/08 14:21
Acetone	ND		10.0	2.50	µg/L	1	10/17/08 14:21
Carbon disulfide	ND		0.50	0.16	µg/L	1	10/17/08 14:21
Methyl acetate	ND		5.00	2.50	µg/L	1	10/17/08 14:21
Methylene chloride	ND		2.00	0.16	µg/L	1	10/17/08 14:21
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 14:21
Methyl tert-butyl ether	0.75	J	1.00	0.50	µg/L	1	10/17/08 14:21
1,1-Dichloroethane	2.70		0.50	0.16	µg/L	1	10/17/08 14:21
cis-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 14:21
2-Butanone	ND		10.0	2.50	µg/L	1	10/17/08 14:21
Chloroform	ND		0.50	0.10	µg/L	1	10/17/08 14:21
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 14:21
Cyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 14:21
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	10/17/08 14:21
Benzene	ND		0.50	0.16	µg/L	1	10/17/08 14:21
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 14:21
Trichloroethene	ND		0.50	0.10	µg/L	1	10/17/08 14:21
Methylcyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 14:21
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	10/17/08 14:21
Bromodichloromethane	ND		0.50	0.16	µg/L	1	10/17/08 14:21
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 14:21
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	10/17/08 14:21
Toluene	ND		0.50	0.10	µg/L	1	10/17/08 14:21
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 14:21
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 14:21
Tetrachloroethene	ND		0.50	0.10	µg/L	1	10/17/08 14:21

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-004A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW 9***
W Order:	0810111	**Collection Date:**	10/14/08 13:25
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7434.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	1.00	µg/L	1	10/17/08 14:21
Dibromochloromethane	ND		0.50	0.16	µg/L	1	10/17/08 14:21
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	10/17/08 14:21
Chlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 14:21
Ethylbenzene	ND		0.50	0.10	µg/L	1	10/17/08 14:21
Xylenes (total)	ND		1.00	0.26	µg/L	1	10/17/08 14:21
Styrene	ND		0.50	0.16	µg/L	1	10/17/08 14:21
Bromoform	ND		1.00	0.50	µg/L	1	10/17/08 14:21
Isopropylbenzene	ND		0.50	0.16	µg/L	1	10/17/08 14:21
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	10/17/08 14:21
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 14:21
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 14:21
1,2-Dichlorobenzene	0.16	J	0.50	0.16	µg/L	1	10/17/08 14:21
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	10/17/08 14:21
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	10/17/08 14:21
Surr: 1,2-Dichloroethane-d4	112		75-134	0.10	%REC	1	10/17/08 14:21
Surr: Toluene-d8	100		75-125	0.10	%REC	1	10/17/08 14:21
Surr: 4-Bromofluorobenzene	103		75-125	0.10	%REC	1	10/17/08 14:21

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-28-084 MW 9

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0810111

Matrix: (soil/water) WATER Lab Sample ID: 0810111-004A

Sample wt/vol: 10 (g/mL) ML Lab File ID: J7434.D

Level: LOW Date Received: 10/15/2008

% Moisture: not dec. Date Analyzed: 10/17/2008

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-005A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 GP 9***
W Order:	0810111	**Collection Date:**	10/14/08 12:05
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7437.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	10/17/08 16:01
Chloromethane	ND		1.00	0.50	µg/L	1	10/17/08 16:01
Vinyl chloride	ND		1.00	0.50	µg/L	1	10/17/08 16:01
Bromomethane	ND		1.00	0.19	µg/L	1	10/17/08 16:01
Chloroethane	ND		1.00	0.50	µg/L	1	10/17/08 16:01
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	10/17/08 16:01
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	10/17/08 16:01
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	10/17/08 16:01
Acetone	4.51	J	10.0	2.50	µg/L	1	10/17/08 16:01
Carbon disulfide	ND		0.50	0.16	µg/L	1	10/17/08 16:01
Methyl acetate	ND		5.00	2.50	µg/L	1	10/17/08 16:01
Methylene chloride	ND		2.00	0.16	µg/L	1	10/17/08 16:01
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 16:01
Methyl tert-butyl ether	ND		1.00	0.50	µg/L	1	10/17/08 16:01
1,1-Dichloroethane	0.61		0.50	0.16	µg/L	1	10/17/08 16:01
cis-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 16:01
2-Butanone	ND		10.0	2.50	µg/L	1	10/17/08 16:01
Chloroform	ND		0.50	0.10	µg/L	1	10/17/08 16:01
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 16:01
Cyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 16:01
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	10/17/08 16:01
Benzene	0.35	J	0.50	0.16	µg/L	1	10/17/08 16:01
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 16:01
Trichloroethene	ND		0.50	0.10	µg/L	1	10/17/08 16:01
Methylcyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 16:01
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	10/17/08 16:01
Bromodichloromethane	ND		0.50	0.16	µg/L	1	10/17/08 16:01
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 16:01
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	10/17/08 16:01
Toluene	3.00		0.50	0.10	µg/L	1	10/17/08 16:01
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 16:01
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 16:01
Tetrachloroethene	ND		0.50	0.10	µg/L	1	10/17/08 16:01

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 10/22/08 8:19 398323 **Project Supervisor:** Monika Santucci

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-005A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 GP 9***
W Order:	0810111	**Collection Date:**	10/14/08 12:05
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7437.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	1.00	µg/L	1	10/17/08 16:01
Dibromochloromethane	ND		0.50	0.16	µg/L	1	10/17/08 16:01
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	10/17/08 16:01
Chlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 16:01
Ethylbenzene	0.71		0.50	0.10	µg/L	1	10/17/08 16:01
Xylenes (total)	4.34		1.00	0.26	µg/L	1	10/17/08 16:01
Styrene	ND		0.50	0.16	µg/L	1	10/17/08 16:01
Bromoform	ND		1.00	0.50	µg/L	1	10/17/08 16:01
Isopropylbenzene	ND		0.50	0.16	µg/L	1	10/17/08 16:01
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	10/17/08 16:01
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 16:01
1,4-Dichlorobenzene	0.44	J	0.50	0.16	µg/L	1	10/17/08 16:01
1,2-Dichlorobenzene	9.36		0.50	0.16	µg/L	1	10/17/08 16:01
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	10/17/08 16:01
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	10/17/08 16:01
Surr: 1,2-Dichloroethane-d4	115		75-134	0.10	%REC	1	10/17/08 16:01
Surr: Toluene-d8	97.4		75-125	0.10	%REC	1	10/17/08 16:01
Surr: 4-Bromofluorobenzene	107		75-125	0.10	%REC	1	10/17/08 16:01

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-28-084 GP 9

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0810111

Matrix: (soil/water) WATER Lab Sample ID: 0810111-005A

Sample wt/vol: 10 (g/mL) ML Lab File ID: J7437.D

Level: LOW Date Received: 10/15/2008

% Moisture: not dec. Date Analyzed: 10/17/2008

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 4 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000611-14-3	Benzene, 1-ethyl-2-methyl-	18.20	1.59	J
2.	000095-36-3	1,2,4-Trimethylbenzene	18.52	5.42	J
3.	000496-11-7	Indane	19.58	2.30	J
4.	000091-20-3	Naphthalene	23.25	1.37	J

Life Science Laboratories, Inc.
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East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-006A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW 10***
W Order:	0810111	**Collection Date:**	10/14/08 11:27
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7435.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	10/17/08 14:55
Chloromethane	ND		1.00	0.50	µg/L	1	10/17/08 14:55
Vinyl chloride	ND		1.00	0.50	µg/L	1	10/17/08 14:55
Bromomethane	ND		1.00	0.19	µg/L	1	10/17/08 14:55
Chloroethane	ND		1.00	0.50	µg/L	1	10/17/08 14:55
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	10/17/08 14:55
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	10/17/08 14:55
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	10/17/08 14:55
Acetone	ND		10.0	2.50	µg/L	1	10/17/08 14:55
Carbon disulfide	ND		0.50	0.16	µg/L	1	10/17/08 14:55
Methyl acetate	ND		5.00	2.50	µg/L	1	10/17/08 14:55
Methylene chloride	ND		2.00	0.16	µg/L	1	10/17/08 14:55
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 14:55
Methyl tert-butyl ether	ND		1.00	0.50	µg/L	1	10/17/08 14:55
1,1-Dichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 14:55
cis-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 14:55
2-Butanone	ND		10.0	2.50	µg/L	1	10/17/08 14:55
Chloroform	ND		0.50	0.10	µg/L	1	10/17/08 14:55
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 14:55
Cyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 14:55
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	10/17/08 14:55
Benzene	ND		0.50	0.16	µg/L	1	10/17/08 14:55
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 14:55
Trichloroethene	ND		0.50	0.10	µg/L	1	10/17/08 14:55
Methylcyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 14:55
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	10/17/08 14:55
Bromodichloromethane	ND		0.50	0.16	µg/L	1	10/17/08 14:55
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 14:55
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	10/17/08 14:55
Toluene	ND		0.50	0.10	µg/L	1	10/17/08 14:55
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 14:55
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 14:55
Tetrachloroethene	ND		0.50	0.10	µg/L	1	10/17/08 14:55

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-006A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW 10***
W Order:	0810111	**Collection Date:**	10/14/08 11:27
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7435.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	1.00	µg/L	1	10/17/08 14:55
Dibromochloromethane	ND		0.50	0.16	µg/L	1	10/17/08 14:55
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	10/17/08 14:55
Chlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 14:55
Ethylbenzene	ND		0.50	0.10	µg/L	1	10/17/08 14:55
Xylenes (total)	ND		1.00	0.26	µg/L	1	10/17/08 14:55
Styrene	ND		0.50	0.16	µg/L	1	10/17/08 14:55
Bromoform	ND		1.00	0.50	µg/L	1	10/17/08 14:55
Isopropylbenzene	ND		0.50	0.16	µg/L	1	10/17/08 14:55
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	10/17/08 14:55
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 14:55
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 14:55
1,2-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 14:55
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	10/17/08 14:55
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	10/17/08 14:55
Surr: 1,2-Dichloroethane-d4	128		75-134	0.10	%REC	1	10/17/08 14:55
Surr: Toluene-d8	97.3		75-125	0.10	%REC	1	10/17/08 14:55
Surr: 4-Bromofluorobenzene	106		75-125	0.10	%REC	1	10/17/08 14:55

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-28-084 MW 10

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0810111

Matrix: (soil/water) WATER Lab Sample ID: 0810111-006A

Sample wt/vol: 10 (g/mL) ML Lab File ID: J7435.D

Level: LOW Date Received: 10/15/2008

% Moisture: not dec. Date Analyzed: 10/17/2008

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-007A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW Dup***
W Order:	0810111	**Collection Date:**	10/14/08 0:00
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7429.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	10/17/08 11:33
Chloromethane	ND		1.00	0.50	µg/L	1	10/17/08 11:33
Vinyl chloride	ND		1.00	0.50	µg/L	1	10/17/08 11:33
Bromomethane	ND		1.00	0.19	µg/L	1	10/17/08 11:33
Chloroethane	ND		1.00	0.50	µg/L	1	10/17/08 11:33
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	10/17/08 11:33
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	10/17/08 11:33
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	10/17/08 11:33
Acetone	ND		10.0	2.50	µg/L	1	10/17/08 11:33
Carbon disulfide	ND		0.50	0.16	µg/L	1	10/17/08 11:33
Methyl acetate	ND		5.00	2.50	µg/L	1	10/17/08 11:33
Methylene chloride	ND		2.00	0.16	µg/L	1	10/17/08 11:33
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 11:33
Methyl tert-butyl ether	ND		1.00	0.50	µg/L	1	10/17/08 11:33
1,1-Dichloroethane	0.29	J	0.50	0.16	µg/L	1	10/17/08 11:33
cis-1,2-Dichloroethene	0.73		0.50	0.16	µg/L	1	10/17/08 11:33
2-Butanone	ND		10.0	2.50	µg/L	1	10/17/08 11:33
Chloroform	ND		0.50	0.10	µg/L	1	10/17/08 11:33
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 11:33
Cyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 11:33
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	10/17/08 11:33
Benzene	ND		0.50	0.16	µg/L	1	10/17/08 11:33
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 11:33
Trichloroethene	0.27	J	0.50	0.10	µg/L	1	10/17/08 11:33
Methylcyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 11:33
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	10/17/08 11:33
Bromodichloromethane	ND		0.50	0.16	µg/L	1	10/17/08 11:33
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 11:33
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	10/17/08 11:33
Toluene	ND		0.50	0.10	µg/L	1	10/17/08 11:33
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 11:33
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 11:33
Tetrachloroethene	1.80		0.50	0.10	µg/L	1	10/17/08 11:33

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 10/22/08 8:19 398316 **Project Supervisor:** Monika Santucci

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-007A**
Project:	DEC - Autohaus	**Client Sample ID:**	***8-28-084 MW Dup***
W Order:	0810111	**Collection Date:**	10/14/08 0:00
Matrix:	GROUNDWATER	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7429.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	1.00	µg/L	1	10/17/08 11:33
Dibromochloromethane	ND		0.50	0.16	µg/L	1	10/17/08 11:33
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	10/17/08 11:33
Chlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 11:33
Ethylbenzene	ND		0.50	0.10	µg/L	1	10/17/08 11:33
Xylenes (total)	ND		1.00	0.26	µg/L	1	10/17/08 11:33
Styrene	ND		0.50	0.16	µg/L	1	10/17/08 11:33
Bromoform	ND		1.00	0.50	µg/L	1	10/17/08 11:33
Isopropylbenzene	ND		0.50	0.16	µg/L	1	10/17/08 11:33
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	10/17/08 11:33
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 11:33
1,4-Dichlorobenzene	0.87		0.50	0.16	µg/L	1	10/17/08 11:33
1,2-Dichlorobenzene	0.48	J	0.50	0.16	µg/L	1	10/17/08 11:33
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	10/17/08 11:33
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	10/17/08 11:33
Surr: 1,2-Dichloroethane-d4	113		75-134	0.10	%REC	1	10/17/08 11:33
Surr: Toluene-d8	96.9		75-125	0.10	%REC	1	10/17/08 11:33
Surr: 4-Bromofluorobenzene	107		75-125	0.10	%REC	1	10/17/08 11:33

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC

CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

8-28-084 MW Dup

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0810111

Matrix: (soil/water) WATER Lab Sample ID: 0810111-007A

Sample wt/vol: 10 (g/mL) ML Lab File ID: J7429.D

Level: LOW Date Received: 10/15/2008

% Moisture: not dec. Date Analyzed: 10/17/2008

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 2 CONCENTRATION UNITS: UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q
1.	000141-93-5	Benzene, 1,3-diethyl-	19.50	1.06	J
2.	002039-89-6	Benzene, 2-ethenyl-1,4-dimethy	20.60	1.58	J

Life Science Laboratories, Inc.
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Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-008A**
Project:	DEC - Autohaus	**Client Sample ID:**	***Trip Blank***
W Order:	0810111	**Collection Date:**	10/14/08 10:10
Matrix:	WATER Q	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7436.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
Dichlorodifluoromethane	ND		1.00	0.25	µg/L	1	10/17/08 15:28
Chloromethane	ND		1.00	0.50	µg/L	1	10/17/08 15:28
Vinyl chloride	ND		1.00	0.50	µg/L	1	10/17/08 15:28
Bromomethane	ND		1.00	0.19	µg/L	1	10/17/08 15:28
Chloroethane	ND		1.00	0.50	µg/L	1	10/17/08 15:28
Trichlorofluoromethane	ND		1.00	0.10	µg/L	1	10/17/08 15:28
1,1-Dichloroethene	ND		0.50	0.25	µg/L	1	10/17/08 15:28
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50	0.16	µg/L	1	10/17/08 15:28
Acetone	ND		10.0	2.50	µg/L	1	10/17/08 15:28
Carbon disulfide	ND		0.50	0.16	µg/L	1	10/17/08 15:28
Methyl acetate	ND		5.00	2.50	µg/L	1	10/17/08 15:28
Methylene chloride	ND		2.00	0.16	µg/L	1	10/17/08 15:28
trans-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 15:28
Methyl tert-butyl ether	ND		1.00	0.50	µg/L	1	10/17/08 15:28
1,1-Dichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 15:28
cis-1,2-Dichloroethene	ND		0.50	0.16	µg/L	1	10/17/08 15:28
2-Butanone	ND		10.0	2.50	µg/L	1	10/17/08 15:28
Chloroform	ND		0.50	0.10	µg/L	1	10/17/08 15:28
1,1,1-Trichloroethane	ND		0.50	0.16	µg/L	1	10/17/08 15:28
Cyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 15:28
Carbon tetrachloride	ND		0.50	0.25	µg/L	1	10/17/08 15:28
Benzene	ND		0.50	0.16	µg/L	1	10/17/08 15:28
1,2-Dichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 15:28
Trichloroethene	ND		0.50	0.10	µg/L	1	10/17/08 15:28
Methylcyclohexane	ND		0.50	0.25	µg/L	1	10/17/08 15:28
1,2-Dichloropropane	ND		0.50	0.16	µg/L	1	10/17/08 15:28
Bromodichloromethane	ND		0.50	0.16	µg/L	1	10/17/08 15:28
cis-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 15:28
4-Methyl-2-pentanone	ND		5.00	1.00	µg/L	1	10/17/08 15:28
Toluene	ND		0.50	0.10	µg/L	1	10/17/08 15:28
trans-1,3-Dichloropropene	ND		0.50	0.25	µg/L	1	10/17/08 15:28
1,1,2-Trichloroethane	ND		0.50	0.25	µg/L	1	10/17/08 15:28
Tetrachloroethene	ND		0.50	0.10	µg/L	1	10/17/08 15:28

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5000 Brittonfield Parkway, Suite 200
East Syracuse, NY 13057 (315) 437-0200

Analytical Results

StateCertNo: 10155

CLIENT:	EA Engineering Science and Technology	**Lab ID:**	**0810111-008A**
Project:	DEC - Autohaus	**Client Sample ID:**	***Trip Blank***
W Order:	0810111	**Collection Date:**	10/14/08 10:10
Matrix:	WATER Q	**Date Received:**	10/15/08 8:47
Inst. ID:	MS03 10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R15233
Revision:	10/22/08 8:18	**TestCode:** 8260W OLM42	**FileID:** 1-SAMP-J7436.D
Col Type:			

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS					**SW8260B**		
2-Hexanone	ND		5.00	1.00	µg/L	1	10/17/08 15:28
Dibromochloromethane	ND		0.50	0.16	µg/L	1	10/17/08 15:28
1,2-Dibromoethane	ND		0.50	0.25	µg/L	1	10/17/08 15:28
Chlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 15:28
Ethylbenzene	ND		0.50	0.10	µg/L	1	10/17/08 15:28
Xylenes (total)	ND		1.00	0.26	µg/L	1	10/17/08 15:28
Styrene	ND		0.50	0.16	µg/L	1	10/17/08 15:28
Bromoform	ND		1.00	0.50	µg/L	1	10/17/08 15:28
Isopropylbenzene	ND		0.50	0.16	µg/L	1	10/17/08 15:28
1,1,2,2-Tetrachloroethane	ND		0.50	0.16	µg/L	1	10/17/08 15:28
1,3-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 15:28
1,4-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 15:28
1,2-Dichlorobenzene	ND		0.50	0.16	µg/L	1	10/17/08 15:28
1,2-Dibromo-3-chloropropane	ND		5.00	2.50	µg/L	1	10/17/08 15:28
1,2,4-Trichlorobenzene	ND		1.00	0.50	µg/L	1	10/17/08 15:28
Surr: 1,2-Dichloroethane-d4	129		75-134	0.10	%REC	1	10/17/08 15:28
Surr: Toluene-d8	97.8		75-125	0.10	%REC	1	10/17/08 15:28
Surr: 4-Bromofluorobenzene	98.4		75-125	0.10	%REC	1	10/17/08 15:28

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Form 1 TIC CLIENT SAMPLE NO.

Volatile Organic Compounds by GC/MS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

Trip Blank

Lab Name: Life Science Laboratories, Inc. Contract: 5098

Lab Code: LSLB Case No.: EA SAS No.: _____ SDG No.: 0810111

Matrix: (soil/water) WATER Lab Sample ID: 0810111-008A

Sample wt/vol: 10 (g/mL) ML Lab File ID: J7436.D

Level: LOW Date Received: 10/15/2008

% Moisture: not dec. Date Analyzed: 10/17/2008

GC Column: Rtx-VMS ID: 0.18 (mm) Dilution Factor: 1.00

Extract Volume: _____ (µl)

Number TICs found: 0 CONCENTRATION UNITS: UG/L

CAS NUMBER	COMPOUND NAME	RT	EST.CONC.	Q

Monika Santucci
Life Science Laboratories, Inc.
5000 Brittonfield Parkway
East Syracuse, NY 13057

Phone: (315) 437-0200

Laboratory Analysis Report

For

Life Science Laboratories, Inc.

LSL Project ID: **0819046**

Receive Date/Time: 10/17/08 13:28

Project Received by: RD

Life Science Laboratories, Inc.

(1) LSL Central Lab, East Syracuse, NY	(315) 445-1105	NYS DOH ELAP #10248 PA DEP #68-2556
(2) LSL North Lab, Waddington, NY	(315) 388-4476	NYS DOH ELAP #10900
(3) LSL Finger Lakes Lab, Wayland, NY	(585) 728-3320	NYS DOH ELAP #11667
(4) LSL Southern Tier Lab, Cuba, NY	(585) 968-2640	NYS DOH ELAP #10760
(5) LSL MidLakes Lab, Canandaigua, NY	(585) 396-0270	NYS DOH ELAP #11369
(6) LSL Brittonfield Lab, East Syracuse, NY	(315) 437-0200	NYS DOH ELAP #10155

This report was reviewed by: Life Science Laboratories, Inc. *Date:* 10/31/08

A copy of this report was sent to:

Date Printed: 11

-- LABORATORY ANALYSIS REPORT --

Life Science Laboratories, Inc. *East Syracuse, NY*

Sample ID: 8-28-084 MW9 - 0810111-004B **LSL Sample ID:** 0819046-001

Location:

Sampled: 10/14/08 13:25 **Sampled By:** Client

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
(1) Low Level Glycols by LSL SOP					
Ethylene Glycol	<0.5	mg/l		10/28/08	CRT

Appendix F

Data Usability Summary Reports

DATA USABILITY SUMMARY REPORT
Volatiles
USEPA REGION II

Site: DEC- Autohaus___ SDG #: 0710091

Client: EA Engineering Date: March 12, 2008

Laboratory: Life Sciences Laboratories Inc. Reviewer: Linda Wright

Client ID	Laboratory ID	Matrix
8-28-04-MW-10-1007	0710091-001	Aqueous
8-28-04-MW-8S-1007	0710091-002	Aqueous
8-28-04-MW-8D-1007	0710091-003	Aqueous
8-28-04-MW-8D-1007MS	0710091-003	Aqueous
8-28-04-MW-8D-1007MSD	0710091-003	Aqueous
8-28-04-MW-09-1007	0710091-004	Aqueous
8-28-04-MW-01-1007	0710091-005	Aqueous
8-28-04-GP-09-1007	0710091-006	Aqueous
8-28-04-8DUP-1007	0710091-007	Aqueous
Trip Blank	0710091-008	Aqueous

The data package contained eight (8) aqueous samples. The samples were analyzed via SW-846 Method 8260. The adherence of laboratory analytical performance to this method's Analytical Specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (NYSDEC, 10/02). USEPA Region II checklist SOP# HW-24 rev 2 January 2006 was used as a guidance document. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC) and Traffic Report: All are acceptable.

Holding Time: Holding time was within acceptable criterion.

Calibration Quality Control: Bromoform exceeded the 20%D criterion. This resulted in all some bromoform results in all samples being qualified as estimated "UJ" due to this anomaly.

Client ID	Analyte	Qualifier
8-28-04-MW-10-1007	Bromoform	UJ
8-28-04-MW-8S-1007	Bromoform	UJ
8-28-04-MW-8D-1007	Bromoform	UJ
8-28-04-MW-09-1007	Bromoform	UJ
8-28-04-MW-01-1007	Bromoform	UJ

Client ID	Analyte	Qualifier
8-28-04-GP-09-1007	Bromoform	UJ
8-28-04-8DUP-1007	Bromoform	UJ
Trip Blank	Bromoform	UJ

Matrix Spike: Matrix spike results were acceptable.

Laboratory Control Sample (LCS): Recoveries met QC criteria.

Field Quality Control: Field duplicate results were acceptable. Trip blank reported methylene chloride contamination which resulted in several detected results being reported as non-detects.

Client ID	Analyte	Qualifier
8-28-04-MW-10-1007	Methylene Chloride	U
8-28-04-MW-8D-1007	Methylene Chloride	U
8-28-04-GP-09-1007	Methylene Chloride	U

Compound Quantitation: 1,2-dichlobenzene in sample 8-24-084-GP-09-1007 was reported at elevated reporting limits due to dilution.

DATA USABILITY SUMMARY REPORT
Volatiles
USEPA REGION II

Site: DEC- Autohaus___ SDG #: 0810111

Client: EA Engineering Date: January 5, 2008

Laboratory: Life Sciences Laboratories Inc. Reviewer: L. Wright

Client ID	Laboratory ID	Matrix
8-28-084-MW-1	0810111-001A	Aqueous
8-28-084-MW-8S	0810111-002A	Aqueous
8-28-084-MW-8D	0810111-003A	Aqueous
8-28-084-MW-8DMS	0810111-003A	Aqueous
8-28-084-MW-8DMSD	0810111-003A	Aqueous
8-28-084-MW-9	0810111-004A	Aqueous
8-28-084-GP-9	0810111-005A	Aqueous
8-28-084-MW 10	0810111-006A	Aqueous
8-28-084-MW DUP	0810111-007A	Aqueous
Trip Blank	0810111-008A	Aqueous

The data package contained eight (8) aqueous samples. The samples were analyzed via SW-846 Method 8260B. The adherence of laboratory analytical performance to this method's Analytical Specifications was evaluated during the data validation process. The data package was evaluated for its usability as defined by the Guidance for the Development of Data Usability Summary Reports (NYSDEC, 10/02). USEPA Region II checklist SOP# HW-24 rev 2 January 2006 was used as a guidance document. According to the NYSDEC Guidance for the Development of Data Usability Summary Reports, the following QC data were evaluated: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data. All QC data were within quality control limits, except the following issues:

Cover letter, Narrative and Data Reporting Forms (Form 1s): All criteria were met. The deficiencies noted in the case narrative have been discussed in applicable sections.

Chain of Custody (COC) and Traffic Report: All were acceptable.

Holding Time: Holding time was within acceptable criterion.

Calibration Quality Control: The following compounds were qualified due to exceedance the 20%D criterion.

Client ID	Analyte	Qualifier
8-28-084-MW-1	Trichlorofluoromethane, methyl acetate, 2-hexanone, 1,2,4-trichlorobenzene	UJ
8-28-084-MW-8S		
8-28-084-MW-8D		
8-28-084-MW-9		
8-28-084-GP-9		
8-28-084-MW 10		

Matrix Spike: Matrix spike results were acceptable.

Laboratory Control Sample (LCS): Recoveries met QC criteria.

Field Quality Control: Field duplicate results were acceptable.

Compound Quantitation: All are acceptable