RI/FS PROGRESS REPORT #17
VALEO FORMER GM-DELCO CHASSIS FACILITY SITE
ROCHESTER, NEW YORK
REGISTRY SITE #8-28-099

by

Haley & Aldrich of New York
Rochester, New York

for

General Motors Corporation
Pontiac, Michigan

File No. 70436-275
February 2007

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9 February 2007
File No. 70436-275

New York State Department of Environmental Conservation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

Attention: Regional Hazardous Waste Remediation Engineer

Subject: RI/FS Progress Report No. 17
Site No. 8-28-099, EPA ID No. NYD002215226
Valeo Former GM – Delco Chassis Facility
1555 Lyell Avenue, Rochester, New York

Gentlemen and Ladies:

This letter presents a progress report on the Remedial Investigation and Feasibility Study (RI/FS) of NYSDEC Registry Site No. 8-28-099, the Valeo Former GM – Delco Chassis Facility located at 1555 Lyell Avenue in the City of Rochester, Monroe County, New York (the site). This report covers the period from November 2006 through January 2007.

This report is submitted on behalf of General Motors Corporation (GM). It has been prepared in accordance with the terms of an Order On Consent between NYSDEC and GM ("RI/FS Order," Index # B8-0543-98-08).

The RI/FS activities conducted during the reporting period included preparation of the draft Feasibility Study Report and performance of a limited groundwater sampling event. No Citizen Participation activities were conducted during the reporting period.

The activities and results of the groundwater sampling event are described below. The draft Feasibility Study Report will be submitted by 23 February 2007.

Groundwater Sampling Event

A limited groundwater sampling and analysis event was conducted at the site by Bergmann Associates. The sampling event was performed by Bergmann Associates on behalf of a third party as part of an evaluation of a potential business transaction involving a portion of the site property. Haley & Aldrich personnel were present on site during the sampling activities to observe a representative from Bergmann Associates collect groundwater samples.

Bergmann Associates collected groundwater samples from five monitoring wells located in the northeast quadrant of the site (monitoring wells DB-309-3, MW-210, MW-211, MW-205, and OW-105). Haley & Aldrich collected duplicate groundwater samples from MW-205 and OW-105. Well locations are shown on the attached Site Plan, Figure 1.

The sampling was conducted using the following procedures. A Heron Instrument Oil/Water Interface meter was used to determine static water levels and check for the presence of any non-aqueous phase liquid (NAPL) in the monitoring wells. NAPL was not encountered in any of the wells. A Geopump II peristaltic pump was then used to purge the monitoring wells. Purged ground water was collected for disposal by Bergmann.

A Horiba U-10 water quality meter was used in conjunction with a flow-through cell to monitor for stabilization of groundwater field parameters prior to sampling of the wells. Haley & Aldrich personnel recorded the static water level, temperature, pH, conductivity, turbidity, and dissolved oxygen field parameter data on forms that are presented in Appendix A.

Upon stabilization of field parameters, groundwater samples were collected from the purge pump discharge. During the purging of OW-105, the last well sampled, the battery charge on the purge pump expired, and the groundwater samples from OW-105 were therefore collected using a polyethylene bailer.

Groundwater samples collected from MW-205 and OW-105 were submitted by Haley & Aldrich to Columbia Analytical Services of Rochester, New York (Columbia) for analysis of US EPA Target Compound List and NYSDEC STARS list volatile organic compounds (VOCs) by US EPA method 8260B and STARS list semi-volatile organic compounds (SVOCs) by EPA method 8270C. A copy of the analytical test summary report is presented in Appendix B. A full CLP-level laboratory data report package can be provided for the Department's review on request. Laboratory analysis results are summarized in Table I. Table I also summarizes previous sample analysis results for each well from sampling events conducted in 2002 and 2003 during the remedial investigation of the site. As shown on Table 1, the results from the December 2006 sampling event are consistent with results from the remedial investigation.

Groundwater samples collected by Bergmann Associates from MW-205, OW-105, DB-309-3, MW-210, and MW-211 were submitted to Paradigm Environmental Services, Inc. for analysis by the same methods and for the same parameters as for the samples submitted by Haley & Aldrich to Columbia. A copy of the laboratory analysis results provided by Bergmann is attached in Appendix C. The results for the samples from MW-205 and OW-105, which are consistent with the results for the samples submitted to Columbia, are summarized on Table I. In the samples from DB-309-3, MW-210, and MW-211, there were no detections of VOCs or SVOCs other than detection of benzene at a concentration of 1.37 micrograms per liter (ug/L, or parts per billion) in the sample from DB-309-3. The MW-210 and MW-211 results are

consistent with the results for those wells that were observed during the remedial investigation. The benzene concentration in the sample from DB-309-3 was lower than the concentrations of benzene (320 to 710 ug/L) that were observed at that well during the remedial investigation.

Closing

The public repository of project-related documents at the Lyell Branch of the Rochester Public Library will be updated with a copy of this progress report. Please feel free to contact us if you have any questions.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Jeffrey E. Loney, CPG, CHMM
Vice President

Thomas D. Wells
Sr. Environmental Geologist

Attachments:

Table I – Summary of Sample Analysis Results, Groundwater Sampling Event, 19 December 2006
Figure 1 – Site Plan
Appendix A - Low Flow Sampling Field Forms
Appendix B - Columbia Analytical Services Analytic Test Report
Appendix C - Laboratory analysis data, Paradigm Environmental Services

c:
General Motors Corporation – M. Dedyne
Maguire Properties, Inc. – D. Maguire
Day Environmental – D. Day
NYSDEC – G. Bailey, E. Belmore
MCDOH - R. Elliott
NYSDOH – M. Forcucci

TABLE I
SUMMARY OF SAMPLE ANALYSIS RESULTS
GROUNDWATER SAMPLING EVENT, 19 DECEMBER 2006
VALEO FORMER GM-DELCO CHASSIS FACILITY SITE, ROCHESTER, NEW YORK

All values are reported in parts per billion (ppb = ug/L)

WELL LOCATION	OW-105					MW-205				
SAMPLE DATE	11/13/2002	3/12/2003	12/19/2006			11/19/2002	3/13/2003	9/12/2003	12/19/2006	
LABORATORY			Columbia	Paradigm					Columbia	Paradigm
				Sample	Duplicate					
TCL VOCs										
1,1,1-Trichloroethane	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	4 J	ND < 1	1	ND < 5	ND < 2
1,1,2,2-Tetrachloroethane	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
1,1,2-Trichloroethane	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
1,1-Dichloroethane	1	1 J	0.68 J	ND < 2	ND < 2	4 J	1	2	1.4 J	ND < 2
1,1-Dichloroethene	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	0.7 J	ND < 1	ND < 1	ND < 5	ND < 2
1,2-Dichlorobenzene	ND < 1	ND < 1	NA	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	NA	ND < 2
1,2-Dichloroethane	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
1,2-Dichloropropane	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
1,3-Dichlorobenzene	ND < 1	ND < 1	NA	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	NA	ND < 2
1,4-Dichlorobenzene	ND < 1	ND < 1	NA	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	NA	ND < 2
2-Butanone	ND < 5	ND < 5	ND < 10	ND < 10	ND < 10	ND < 5	ND < 5	ND < 5	ND < 10	ND < 10
2-Chloroethyl vinyl ether	NA	NA	NA	ND < 2	ND < 2	NA	NA	NA	NA	ND < 2
2-Hexanone	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
4-Methyl-2-Pentanone	ND < 5	ND < 5	ND < 10	ND < 5	ND < 5	ND < 5	ND < 5	ND < 5	ND < 10	ND < 5
Acetone	ND < 5	ND < 5	ND < 20	ND < 10	ND < 10	2	ND < 5	ND < 5	ND < 20	ND < 10
Benzene	ND < 1	ND < 1	ND < 1	ND < 0.7	ND < 0.7	0.4 J	ND < 1	ND < 1	ND < 1	ND < 0.7
Bromodichloromethane	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Bromoform	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Bromomethane	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Carbon Disulfide	ND < 1	ND < 1	ND < 10	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 10	ND < 5
Carbon Tetrachloride	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Chlorobenzene	ND < 1	ND < 1 J	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Chloroethane	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Chloroform	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Chloromethane	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
cis-1,2-Dichloroethene	2	2	4 J	3.83	3.03	3 J	15	2	22	24
cis-1,3-Dichloropropene	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Dibromochloromethane	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Ethylbenzene	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Isopropylbenzene	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Methyl Tert Butyl Ether	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Methylene Chloride	NA	ND < 1	ND < 5	ND < 5	ND < 5	NA	ND < 1	ND < 1	ND < 5	ND < 5
Styrene (Monomer)	ND < 1	ND < 1	ND < 5	ND < 5	ND < 5	ND < 1	ND < 1	ND < 1	ND < 5	ND < 5
Tetrachloroethene	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Toluene	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	0.4 J	ND < 1	ND < 1	ND < 5	ND < 2
trans-1,2-Dichloroethene	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
trans-1,3-Dichloropropene	ND < 1	ND < 1	ND < 5	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
Trichloroethene	3	3	1.2 J	ND < 2	ND < 2	3 J	2	2	3.3	ND < 2
Trichlorofluoromethane (CFC-11)	ND < 1	ND < 1	NA	ND < 2	ND < 2	ND < 1	ND < 1	ND < 1	NA	ND < 2
Vinyl Acetate	NA	ND < 2	NA	ND < 5	ND < 5	NA	NA	NA	NA	ND < 5
Vinyl Chloride	3	4	1.9 J	2.57	2.87	ND < 1	ND < 1	ND < 1	ND < 5	ND < 2
o-Xylene	NA	NA	ND < 5	ND < 2	ND < 2	NA	NA	NA	ND < 5	ND < 2
m+p-Xylene	NA	NA	ND < 5	ND < 2	ND < 2	NA	NA	NA	ND < 5	ND < 2
Xylene (Total)	ND < 1	ND < 1	(ND < 5)	(ND < 2)	(ND < 2)	ND < 1	ND < 1	ND < 1	(ND < 5)	(ND < 2)
Additional STARS VOCs										
sec-Butylbenzene	NA	NA	ND < 5	ND < 2	ND < 2	NA	NA	NA	ND < 5	ND < 2
n-Butylbenzene	NA	NA	ND < 5	ND < 2	ND < 2	NA	NA	NA	ND < 5	ND < 2
tert-Butylbenzene	NA	NA	ND < 5	ND < 2	ND < 2	NA	NA	NA	ND < 5	ND < 2
p-Isopropyltoluene	NA	NA	ND < 5	ND < 2	ND < 2	NA	NA	NA	ND < 5	ND < 2
Naphthalene	NA	NA	ND < 5	ND < 5	ND < 5	NA	NA	NA	ND < 5	ND < 5
n-Propylbenzene	NA	NA	ND < 5	ND < 2	ND < 2	NA	NA	NA	ND < 5	ND < 2
1,2,4-Trimethylbenzene	NA	NA	ND < 5	ND < 2	ND < 2	NA	NA	NA	ND < 5	ND < 2
1,3,5-Trimethylbenzene	NA	NA	ND < 5	ND < 2	ND < 2	NA	NA	NA	ND < 5	ND < 2
STARS SVOCs										
Acenaphthene	NA	NA	ND < 9.4	ND < 10	ND < 10	NA	NA	NA	ND < 10	ND < 10
Acenaphthylene	NA	NA	NA	ND < 10	ND < 10	NA	NA	NA	NA	ND < 10
Anthracene	NA	NA	ND < 9.4	ND < 10	ND < 10	NA	NA	NA	ND < 10	ND < 10
Benzo(a)anthracene	ND < 10	ND < 10	ND < 9.4	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10	ND < 10
Benzo(a)pyrene	ND < 10	ND < 10	0.56 J	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10	ND < 10
Benzo(b)fluoranthene	ND < 10	ND < 10	0.76 J	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10	ND < 10
Benzo(g,h,i)perylene	ND < 10	ND < 10	ND < 9.4	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10	ND < 10
Benzo(k)fluoranthene	ND < 10	ND < 10	0.51 J	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10	ND < 10
Indeno(1,2,3-cd)pyrene	ND < 10	ND < 10	ND < 9.4	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10 (UJ)	ND < 10
Chrysene	ND < 10	ND < 10	0.54 J	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10	ND < 10
Dibenz(a,h)anthracene	ND < 10	ND < 10	ND < 9.4	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10 (UJ)	ND < 10
Fluoranthene	ND < 10	ND < 10	0.57 J	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10	ND < 10
Fluorene	NA	NA	ND < 9.4	ND < 10	ND < 10	NA	NA	NA	ND < 10	ND < 10
Naphthalene	ND < 10	ND < 10	ND < 9.4	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10	ND < 10
Phenanthrene	ND < 10	ND < 10	ND < 9.4	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10	ND < 10
Pyrene	ND < 10	ND < 10	ND < 9.4	ND < 10	ND < 10	ND < 10	ND < 10	NA	ND < 10	ND < 10

ND - Not detected above the quantitation limit concentration shown. NA- Not analyzed.
J - The concentration detected is less than the quantitation limit and is flagged as estimated.
UJ - Results for compounds not detected are flagged where percent recovery of the analyte in the matrix spike and/or spike duplicate were below acceptance limits.

Appendix A

Low-Flow Sampling Field Forms

HALEY & ALDRICH

LOW-FLOW SAMPLING FIELD FORM

Monitoring Well I.D.: DB-309-3	Date: 12/19/06	Time Started: 0910	File Number: 70436-275
Weather Conditions: Overcast, chilly ~40°F		Time Ended: 1040	Field Personnel: TGB

Initial Readings

Measured Well Bottom (TOR-ft) 69.42	Riser Pipe Diameter (in.) 2
Measured Water Level (TOR-ft) 18.06	PID background (ppm) NA
Notes:	PID headspace (ppm) NA

Well Condition

Well Riser Type (place an X in one box)			Stainless Steel		Carbon Steel	X	PVC	
Casing Condition:	OK	X	Repair Required:					
Cap Condition:	OK	X	Repair Required:					
Paint Condition:	OK	X	Repair Required:					
Lock Condition:	OK	X	Repair Required:					
Inner Casing Condition:	OK	X	Repair Required:					
Surface Seal Condition:	OK	X	Repair Required:					
Other:	OK		Repair Required:					

Purge Information

Purging Method:	X	Peristaltic Pump		Bladder Pump		Grundfos Pump		Other:

Purge Start Time: 0936

Water Level Prior to Purging (TOR ft.) 18.06	Water Level After Purging (TOR ft.) NA
Amount Purged: ~1.5 gal	Flow Rate (mL per minute): NA
Comments:	

Time Elapsed (min)	Temperature (deg C)	pH	Conductivity (mS/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Redox (ORP)	Water Level (TOR ft)	Comments
0	11.2	7.33	0.533	7	1.32		19.78	
5	10.9	7.73	0.493	14	1.24		20.90	
10	10.8	7.80	0.485	20	1.36		21.75	
14	10.7	7.85	0.482	18	1.46		22.7	
35	9.4	7.89	0.507	10	3.48		23.57	Δ pump tubing to greater depth
40	9.4	7.91	0.529	3	2.30		24.45	
45	9.2	7.90	0.544	1	1.79		25.15	
50	8.9	7.90	0.530	-2	1.60			Observed Field representative from Bergman Associates.

Sampling Information

Date:	Time Sampled:				Field Personnel:		
Measured ~~Water~~ Level (TOR ft):							
Sampling Method: (place X in box)		Stainless Steel Bailer		Peristaltic Pump		Grundfos Pump	Teflon Bailer
		Polyethylene Bailer		Bladder Pump		Other:	
Analysis:							
Sample ID:							
Odor:				Appearance:			
QA/QC Samples Taken:							
Comments: No sample collected.							

Sampler (Print)	Sampler (signature):	Date:

HALEY & ALDRICH

LOW-FLOW SAMPLING FIELD FORM

Monitoring Well I.D.: MW-210	Date: 12/19/06	Time Started: 1050	File Number: 70436-275
Weather Conditions: Overcast, chilly ~40°F		Time Ended: 1140	Field Personnel: TT-B

Initial Readings

Measured Well Bottom (TOR-ft) 26.74	Riser Pipe Diameter (in.) 2
Measured Water Level (TOR-ft) 6.33	PID background (ppm) NA
Notes:	PID headspace (ppm) NA

Well Condition

Well Riser Type (place an X in one box)			Stainless Steel		Carbon Steel	X	PVC	
Casing Condition:	OK	X	Repair Required:					
Cap Condition:	OK	X	Repair Required:					
Paint Condition:	OK	X	Repair Required:					
Lock Condition:	OK	X	Repair Required:					
Inner Casing Condition:	OK	X	Repair Required:					
Surface Seal Condition:	OK	X	Repair Required:					
Other:	OK		Repair Required:					

Purge Information

Purging Method:	X	Peristaltic Pump		Bladder Pump		Grundfos Pump	Other:
Purge Start Time: 1100							
Water Level Prior to Purging (TOR ft.) 6.20					Water Level After Purging (TOR ft.) NA		
Amount Purged: ~1.75 gals					Flow Rate (mL per minute): NA		
Comments:							

Time Elapsed (min)	Temperature (deg C)	pH	Conductivity (mS/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Redox (ORP)	Water Level (TOR ft)	Comments
0	11.6	7.78	0.796	246	1.24		7.76	
5	11.5	7.80	0.800	202	1.27		8.74	
10	11.5	7.78	0.792	129	1.47		9.51	
15	11.5	7.76	0.795	132	1.54		10.32	
20	11.5	7.76	0.797	105	1.54		11.05	
								Observed field representative from Benjamin Associates

Sampling Information

Date:	Time Sampled:			Field Personnel:	
Measured Water Level (TOR ft):					
Sampling Method: (place X in box)		Stainless Steel Bailer	Peristaltic Pump	Grundfoe Pump	Teflon Bailer
		Polyethylene Bailer	Bladder Pump	Other:	
Analysis:					
Sample ID:					
Odor:			Appearance:		
QA/QC Samples Taken:					
Comments:					
Sampler (Print)		Sampler (signature):		Date:	

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LOW-FLOW SAMPLING FIELD FORM

Monitoring Well I.D.: MW-211	Date: 12/19/06	Time Started: 1255	File Number: 70436-275
Weather Conditions: Overcast, chilly ~40°F		Time Ended: 1335	Field Personnel: TGB

Initial Readings

Measured Well Bottom (TOR-ft) 13.02	Riser Pipe Diameter (in.) 2
Measured Water Level (TOR-ft) 2.73	PID background (ppm) NA
Notes:	PID headspace (ppm) NA

Well Condition

Well Riser Type (place an X in one box)			Stainless Steel		Carbon Steel	X	PVC
Casing Condition:	OK	X	Repair Required:				
Cap Condition:	OK	X	Repair Required:				
Paint Condition:	OK	X	Repair Required:				
Lock Condition:	OK	X	Repair Required:				
Inner Casing Condition:	OK	X	Repair Required:				
Surface Seal Condition:	OK	X	Repair Required:				
Other:	OK		Repair Required:				

Purge Information

Purging Method:	X	Peristaltic Pump		Bladder Pump		Grundfos Pump	Other:
Purge Start Time: 1300							
Water Level Prior to Purging (TOR ft.) 3.28					Water Level After Purging (TOR ft.) NA		
Amount Purged: ~2.5 gal					Flow Rate (mL per minute): NA		
Comments:							

Time Elapsed (min)	Temperature (deg C)	pH	Conductivity (mS/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Redox (ORP)	Water Level (TOR ft)	Comments
0	10.9	7.65	0.681	511	1.08		3.56	
5	11.0	7.72	0.682	409	0.25		3.88	
10	10.9	7.73	0.682	412	0.25		4.11	
15	10.9	7.73	0.681	420	0.24		4.21	
								Observed field representative from Bergmann Associates.

Sampling Information

Date:	Time Sampled:			Field Personnel:	
Measured Water Level (TOR ft):					
Sampling Method: (place X in box)		Stainless Steel Bailer	Peristaltic Pump	Grundfos Pump	Teflon Bailer
		Polyethylene Bailer	Bladder Pump	Other:	
Analysis:					
Sample ID:					
Odor:		Appearance:			
QA/QC Samples Taken:					
Comments:					
Sampler (Print)		Sampler (signature):		Date:	

HALEY & ALDRICH

LOW-FLOW SAMPLING FIELD FORM

Monitoring Well I.D.: MW-205	Date: 12/19/06	Time Started: 1345	File Number: ~~70346~~ 70436-275
Weather Conditions: Overcast, chilly ~40°F		Time Ended: 1440	Field Personnel: TGB

Initial Readings

Measured Well Bottom (TOR-ft) 14.51	Riser Pipe Diameter (in.) 2
Measured Water Level (TOR-ft) 9.23	PID background (ppm) NA
Notes:	PID headspace (ppm) NA

Well Condition

Well Riser Type (place an X in one box)		Stainless Steel		Carbon Steel	X	PVC
Casing Condition:	OK	X	Repair Required:			
Cap Condition:	OK	X	Repair Required:			
Paint Condition:	OK	X	Repair Required:			
Lock Condition:	OK	X	Repair Required:			
Inner Casing Condition:	OK	X	Repair Required:			
Surface Seal Condition:	OK	X	Repair Required:			
Other:	OK		Repair Required:			

Purge Information

Purging Method:	X	Peristaltic Pump		Bladder Pump		Grundfos Pump		Other:

Purge Start Time: 1355

Water Level Prior to Purging (TOR ft.) 9.23	Water Level After Purging (TOR ft.) NA
Amount Purged: ~2.25 gal	Flow Rate (mL per minute): NA
Comments:	

Time Elapsed (min)	Temperature (deg C)	pH	Conductivity (mS/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Redox (ORP)	Water Level (TOR ft)	Comments
0	14.9	7.87	4.88	470	3.41		9.49	
5	15.5	7.79	4.91	227	1.93		9.62	
10	15.8	7.70	4.92	137	1.38		9.65	
15	15.9	7.65	4.97	80	0.73		9.65	
20	16.0	7.62	5.01	69	0.56		9.65	

Sampling Information

Date: 12/19/06	Time Sampled: 1420	Field Personnel: TGB
Measured Water Level (TOR ft):		

Sampling Method: (place X in box)		Stainless Steel Bailer	X	Peristaltic Pump		Grundfos Pump		Teflon Bailer
		Polyethylene Bailer		Bladder Pump		Other:		

Analysis: 8260 TCL + STARS; 8270 STARS	
Sample ID: MW-205	
Odor: None	Appearance: Clear
QA/QC Samples Taken: MS/MSD	
Comments:	

Sampler (Print) Todd G. Bowd	Sampler (signature):	Date: 12/19/06

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LOW-FLOW SAMPLING FIELD FORM

Monitoring Well I.D.: OW-105	Date: 12/19/06	Time Started: 1540	File Number: 70436-276
Weather Conditions: Inside Bldg (Main) Old Plating Area		Time Ended: 1700	Field Personnel: TGB

Initial Readings

Measured Well Bottom (TOR-ft) 14.25	Riser Pipe Diameter (in.) 2
Measured Water Level (TOR-ft) 8.13	PID background (ppm) NA
Notes:	PID headspace (ppm) NA

Well Condition

Well Riser Type (place an X in one box): [ ] Stainless Steel [ ] Carbon Steel [X] PVC

Casing Condition:	OK	X	Repair Required:
Cap Condition:	OK	X	Repair Required:
Paint Condition:	OK	X	Repair Required:
Lock Condition:	OK	X	Repair Required:
Inner Casing Condition:	OK	X	Repair Required:
Surface Seal Condition:	OK	X	Repair Required:
Other:	OK		Repair Required:

Purge Information

Purging Method: [X] Peristaltic Pump [ ] Bladder Pump [ ] Grundfos Pump [ ] Other:

Purge Start Time: 1545

Water Level Prior to Purging (TOR ft.) 8.13	Water Level After Purging (TOR ft.) NA
Amount Purged: ~20 gal	Flow Rate (mL per minute): NA
Comments:	

Time Elapsed (min)	Temperature (deg C)	pH	Conductivity (mS/cm)	Turbidity (NTUs)	Dissolved Oxygen (mg/L)	Redox (ORP)	Water Level (TOR ft)	Comments
0	20.2	7.64	1.99	2	1.28	-	8.79	
5	21.0	7.57	2.03	4	1.31		9.97	
10	21.4	7.55	2.13	21	1.89		9.18	
15	21.6	7.54	2.15	33	1.55		9.25	
20	21.6	7.53	2.18	28	0.76		9.28	
25	21.7	7.53	2.18	28	1.90		9.31	

Sampling Information

Date: 12/19/06	Time Sampled: 1620	Field Personnel: TGB
Measured Water Level (TOR ft): 9.31		

Sampling Method: (place X in box) [ ] Stainless Steel Bailer [X] Peristaltic Pump [ ] Grundfos Pump [ ] Teflon Bailer; [X] Polyethylene Bailer [ ] Bladder Pump [ ] Other:

Analysis: 8260 TCL + STARS; 8270 STARS

Sample ID: OW-105

Odor: None | Appearance: Clear

QA/QC Samples Taken: No

Comments:

Sampler (Print) Todd G. Bono | Sampler (signature): [signature] | Date: 12/19/06

Appendix B

Columbia Analytical Services, Inc. Analytical Test Report

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

January 9, 2007

Mr. Tom Wells
Haley & Aldrich of New York
200 Town Centre Drive
Suite 2
Rochester, NY 14623-4264

PROJECT:VALEO #70436 - 275
Submission #:R2635230

Dear Mr. Wells

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Karen Bunker
Project Manager

Enc.

Columbia Analytical Services, Inc.
1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Haley & Aldrich of New York
Project Reference: VALEO #70436
Lab Submission # : R2635230
Project Manager : Karen Bunker
Reported : 01/09/07

Report Contains a total of 27 pages

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. Michael K. Perry

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Haley & Aldrich of New York	**Service Request No.:**	R2635230
Project:	Valeo #70436	**Date Received:**	12/19/06
Sample Matrix:	Water		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier V, CLP deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Two (2) water samples were collected by H&A on 12/19/06 and were received for analysis at Columbia Analytical Services on 12/19/2006. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were received with a cooler temperature of 5°C and stored in a refrigerator at 2-6°C upon receipt at the laboratory.

Volatile Organic Compounds by EPA Method 8260B

Two (2) water samples and one Trip Blank were analyzed for the TCL + STARS list of Volatile Organics by Method 8260B from SW846.

Hits between the MDL and PQL are flagged with a "J" as estimated.

All Tuning criteria for BFB were within limits.

The initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within acceptance limits.

Site specific QC was performed on sample MW-205 (CAS order # 964800) as requested. All Matrix Spike and Matrix Spike Duplicate recoveries were within QC acceptance limits except 1,1-Dichloroethene for the Matrix Spike was outside limits high and flagged with an "*". All RPD's were within QC limits. The Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) recoveries were within QC acceptance limits.

The Laboratory Blank and Trip Blank associated with these analyses were free from contamination.

No other analytical or QC problems were encountered.

Semivolatile Organic Compounds by EPA Method 8270C

Two (2) water samples were analyzed for the STARS list of Semivolatile Organics by Method 8270B from SW846.

Hits between the MDL and PQL are flagged with a "J" as estimated.

The initial and continuing calibration criteria were met for all analytes.

All surrogate standard recoveries were within acceptance limits.

Approved by _____ **Date** 01/10/07

Site specific QC was performed on sample MW-205 (CAS Order # 964800) as requested. All Matrix Spike and Matrix Spike Duplicate recoveries were within QC acceptance limits except Indeno(1,2,3-CD)Pyrene and Dibenzo(A,H)Anthracene were outside limits low for both the Matrix Spike and Matrix Spike Duplicate and have been flagged with an "*". All RPD's were within QC limits. The Laboratory Control Sample (LCS) and Laboratory Control Sample Duplicate (LCSD) recoveries were within QC acceptance limits.

The Laboratory Blanks associated with these analyses were free from contamination.

No other analytical or QC problems were encountered.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the details contained above Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

MW 1/11/07.

Approved by Jimmie Kuffn Date 01/10/07

[redacted]CAS[redacted]/CL[redacted]TCH[redacted]FOR[redacted]OG[redacted]EE[redacted]

SDG#:964800 | BATCH COMPLETE: __yes_____ | DATE REVISED:12/26/06
SUBMISSION R2635230 | DISKETTE REQUESTED: Y_X__ N____ | DATE DUE: 1 1/16/2007
CLIENT: Haley & Aldrich of New York | DATE: 12/21/06 | PROTOCOL: SW846
CLIENT REP: Karen Bunker | CUSTODY SEAL: PRESENT/ABSENT: | SHIPPING No.:
PROJECT: VALEO #70436 | CHAIN OF CUSTODY: PRESENT/ABSENT:

CAS JOB #	CLIENT/EPA ID	MATRIX	REQUESTED PARAMETERS	DATE SAMPLED	DATE RECEIVED	pH (SOLIDS)	% SOLIDS	REMARKS SAMPLE CONDITION
964800	MW-205	WATER	TCL+Stars & StarsSVOC QC	12/19/2006	12/19/2006			
964801	MW-105	WATER	TCL+StarsVOC & StarsSVOC	12/19/2006	12/19/2006			
964802	TRIP BLANK	WATER	TCL+Stars list VOC	12/19/2006	12/19/2006			
			VOC changed as per client					
			12/21/06					

964800 12/26/2006

Columbia Analytical Services INC.
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Ethics Service Quality ACIL 2005 SEAL OF EXCELLENCE PROGRAM Environmental

ORGANIC QUALIFIERS

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds, or when the data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit and greater than the MDL. This flag is also used for DoD instead of "P" as indicated below.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 40% (25% for CLP) difference for detected concentrations between the two GC columns. The concentration is reported on the Form I and flagged with a "P" ("J" for DoD).

Q - for DoD only – indicates a pesticide/Aroclor target is not confirmed. This flag is used when there is ≥ 100% difference for the detected concentrations between the two GC columns.

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - As specified in Case Narrative.

* - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
New Jersey ID # NY004
New York ID # 10145
New Hampshire ID # 294100 A/B
Pennsylvania ID# 68-786
Rhode Island ID # 158
West Virginia ID # 292

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services, Inc.
An Employee - Owned Company
www.caslab.com

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475

PAGE 1 OF 1

CAS Contact

Project Name: Valeo	Project Number: 70436
Project Manager: T. Wells	Report CC:
Company/Address: Haley & Aldrich, Inc 200 Town Centre Dr. Suite 2 Rochester, NY 14623	
Phone #: 585.359.9000	FAX#: 585.359.4650
Sampler's Signature:	Sampler's Printed Name: Todd G. Bowes

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE: 1 0

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP TCL + STARS	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP STARS	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
MW-205	964800	12/19/06	1420	GW		6	3						MS/MSD
DW-105	964801	↓	1620	GW		3	1						
Trip Blank	964802	—	—	AQ		3							

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr _____ 5 day
X STANDARD
REQUESTED FAX DATE
_____
REQUESTED REPORT DATE
_____

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
X V. Speicalized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:

SUBMISSION #: R2163 5230

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 5°C CUSTODY SEALS: Y (N)

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Todd G. Bowes	Signature: Rachel Jones	Signature	Signature	Signature	Signature
Printed Name: Haley & Aldrich	Printed Name: Rachel Jones	Printed Name	Printed Name	Printed Name	Printed Name
Firm: 12/19/06 1645	Firm: CAS	Firm	Firm	Firm	Firm
Date/Time: 1745 TGB 12/19/06	Date/Time: 12/19/06 1645	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

Cooler Receipt And Preservation Check Form

Project/Client HBA Submission Number R2635230

Cooler received on 12/19/06 by: RG COURIER: CAS UPS FEDEX VELOCITY (CLIENT)

1.	Were custody seals on outside of cooler?		YES	(NO)		
2.	Were custody papers properly filled out (ink, signed, etc.)?		(YES)	NO		
3.	Did all bottles arrive in good condition (unbroken)?		(YES)	NO		
4.	Did any VOA vials have significant air bubbles?		YES	(NO)	N/A	
5.	Were (Ice) or Ice packs present?		(YES)	NO		
6.	Where did the bottles originate?		(CAS/ROC)	CLIENT		
7.	Temperature of cooler(s) upon receipt:	5°				
	Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 12/19/06 @ 1745

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples _____

PC Secondary Review: LMD 12/20/06

Cooler Breakdown: Date: 12/20/06 by: RG

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	(YES)	NO
2.	Did all bottle labels and tags agree with custody papers?	(YES)	NO
3.	Were correct containers used for the tests indicated?	(YES)	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		(N/A)

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added	Final pH
pH	Reagent						
≥12	NaOH						
≤2	HNO_3						
≤2	H_2SO_4						
Residual Chlorine (+/-)	for TCN & Phenol						

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH_____

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:

PC Secondary Review: (N/A) 01/10/07

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/09/07

Haley & Aldrich of New York
Project Reference: VALEO #70436
Client Sample ID : MW-205

Date Sampled : 12/19/06 14:20 **Order #:** 964800 **Sample Matrix:** WATER
Date Received: 12/19/06 **Submission #:** R2635230 **Analytical Run** 139048

DATE ANALYZED : 12/26/06
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	1.4 J	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	22	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	3.3 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/09/07

Haley & Aldrich of New York
Project Reference: VALEO #70436
Client Sample ID : MW-205

Date Sampled : 12/19/06 14:20 **Order #:** 964800 **Sample Matrix:** WATER
Date Received: 12/19/06 **Submission #:** R2635230 **Analytical Run** 139048

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/26/06				
ANALYTICAL DILUTION: 1.00				
M+P-XYLENE		5.0	5.0 U	UG/L
SURROGATE RECOVERIES	QC LIMITS			
4-BROMOFLUOROBENZENE	(80 - 123 %)		103	%
TOLUENE-D8	(88 - 124 %)		101	%
DIBROMOFLUOROMETHANE	(89 - 115 %)		103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/09/07

Haley & Aldrich of New York
Project Reference: VALEO #70436
Client Sample ID : MW-105

Date Sampled : 12/19/06 16:20 **Order #:** 964801 **Sample Matrix:** WATER
Date Received: 12/19/06 **Submission #:** R2635230 **Analytical Run** 139048

DATE ANALYZED : 12/26/06
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	0.68 J	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	4.0 J	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	1.2 J	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	1.9 J	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/09/07

Haley & Aldrich of New York
Project Reference: VALEO #70436
Client Sample ID : MW-105

Date Sampled : 12/19/06 16:20 **Order #:** 964801 **Sample Matrix:** WATER
Date Received: 12/19/06 **Submission #:** R2635230 **Analytical Run** 139048

ANALYTE		PQL	RESULT	UNITS
DATE ANALYZED : 12/26/06				
ANALYTICAL DILUTION: 1.00				
M+P-XYLENE		5.0	5.0 U	UG/L
SURROGATE RECOVERIES	QC LIMITS			
4-BROMOFLUOROBENZENE	(80 - 123 %)		105	%
TOLUENE-D8	(88 - 124 %)		100	%
DIBROMOFLUOROMETHANE	(89 - 115 %)		103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/09/07

Haley & Aldrich of New York
Project Reference: VALEO #70436
Client Sample ID : TRIP BLANK

Date Sampled : 12/19/06 **Order #:** 964802 **Sample Matrix:** WATER
Date Received: 12/19/06 **Submission #:** R2635230 **Analytical Run** 139048

DATE ANALYZED : 12/26/06
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/09/07

Haley & Aldrich of New York
Project Reference: VALEO #70436
Client Sample ID : TRIP BLANK

Date Sampled : 12/19/06 **Order #:** 964802 **Sample Matrix:** WATER
Date Received: 12/19/06 **Submission #:** R2635230 **Analytical Run** 139048

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/26/06			
ANALYTICAL DILUTION: 1.00			
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	103	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/09/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 966072 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 139048

DATE ANALYZED : 12/26/06
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	1.0	1.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
SEC-BUTYLBENZENE	5.0	5.0 U	UG/L
N-BUTYLBENZENE	5.0	5.0 U	UG/L
TERT-BUTYLBENZENE	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
METHYL-TERT-BUTYL-ETHER	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
ISOPROPYL BENZENE	5.0	5.0 U	UG/L
P-ISOPROPYLTOLUENE	5.0	5.0 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
NAPHTHALENE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
N-PROPYLBENZENE	5.0	5.0 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
1,3,5-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
1,2,4-TRIMETHYLBENZENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL/TANK
Reported: 01/09/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 966072 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 139048

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 12/26/06			
ANALYTICAL DILUTION: 1.00			
SURROGATE RECOVERIES	**QC LIMITS**		
4-BROMOFLUOROBENZENE	(80 - 123 %)	104	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	101	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

WATER

Spiked Order No. : 964800 Haley & Aldrich of New York

Client ID: MW-205

Test: 8260B TCL/TANK

Analytical Units: UG/L

Run Number : 139048

ANALYTE	SPIKE ADDED	CONCENT. SAMPLE	MATRIX SPIKE FOUND	MATRIX SPIKE % REC.	MATRIX SPIKE DUP. FOUND	MATRIX SPIKE DUP. % REC.	RPD	QC LIMITS RPD	QC LIMITS REC.
BENZENE	50.0	0	54.0	108	50.0	100	8	30	70 - 130
CHLOROBENZENE	50.0	0	55.0	110	52.0	104	6	30	70 - 130
1,1-DICHLOROETHENE	50.0	0	66.0	132*	61.0	122	8	30	70 - 130
TOLUENE	50.0	0	54.0	108	53.0	106	2	30	70 - 130
TRICHLOROETHENE	50.0	3.30	60.0	113	55.0	103	9	30	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 966073 ANALYTICAL RUN # : 139048

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 12/26/06			
ANALYTICAL DILUTION: 1.0			
ACETONE	20.0	85	50 - 150
BENZENE	20.0	97	70 - 130
BROMODICHLOROMETHANE	20.0	108	70 - 130
BROMOFORM	20.0	98	70 - 130
BROMOMETHANE	20.0	130	50 - 150
2-BUTANONE (MEK)	20.0	74	50 - 150
SEC-BUTYLBENZENE	20.0	91	70 - 130
N-BUTYLBENZENE	20.0	97	70 - 130
TERT-BUTYLBENZENE	20.0	101	70 - 130
CARBON DISULFIDE	20.0	83	70 - 130
CARBON TETRACHLORIDE	20.0	114	70 - 130
CHLOROBENZENE	20.0	102	70 - 130
CHLOROETHANE	20.0	98	70 - 130
CHLOROFORM	20.0	107	70 - 130
CHLOROMETHANE	20.0	104	70 - 130
DIBROMOCHLOROMETHANE	20.0	103	70 - 130
1,1-DICHLOROETHANE	20.0	103	70 - 130
1,2-DICHLOROETHANE	20.0	105	70 - 130
1,1-DICHLOROETHENE	20.0	120	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	100	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	100	70 - 130
1,2-DICHLOROPROPANE	20.0	95	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	107	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	101	70 - 130
METHYL-TERT-BUTYL-ETHER	20.0	95	70 - 130
ETHYLBENZENE	20.0	105	70 - 130
2-HEXANONE	20.0	78	70 - 130
ISOPROPYL BENZENE	20.0	102	70 - 130
P-ISOPROPYLTOLUENE	20.0	101	70 - 130
METHYLENE CHLORIDE	20.0	103	70 - 130
NAPHTHALENE	20.0	85	50 - 150
4-METHYL-2-PENTANONE (MIBK)	20.0	74	70 - 130
N-PROPYLBENZENE	20.0	96	70 - 130
STYRENE	20.0	96	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	86	70 - 130
TETRACHLOROETHENE	20.0	106	70 - 130
TOLUENE	20.0	102	70 - 130
1,1,1-TRICHLOROETHANE	20.0	117	70 - 130
1,1,2-TRICHLOROETHANE	20.0	96	70 - 130
TRICHLOROETHENE	20.0	97	70 - 130
1,3,5-TRIMETHYLBENZENE	20.0	100	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL/TANK

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 966073 ANALYTICAL RUN # : 139048

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 12/26/06			
ANALYTICAL DILUTION: 1.0			
1,2,4-TRIMETHYLBENZENE	20.0	98	70 - 130
VINYL CHLORIDE	20.0	112	70 - 130
O-XYLENE	20.0	101	70 - 130
M+P-XYLENE	40.0	104	70 - 130

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 01/09/07

Haley & Aldrich of New York
Project Reference: VALEO #70436
Client Sample ID : MW-205

Date Sampled : 12/19/06 14:20 **Order #:** 964800 **Sample Matrix:** WATER
Date Received: 12/19/06 **Submission #:** R2635230 **Analytical Run** 138939

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/21/06			
DATE ANALYZED : 12/26/06			
ANALYTICAL DILUTION: 0.99			
ACENAPHTHENE	10	10 U	UG/L
ANTHRACENE	10	10 U	UG/L
BENZO(A)ANTHRACENE	10	10 U	UG/L
BENZO(A)PYRENE	10	10 U	UG/L
BENZO(B)FLUORANTHENE	10	10 U	UG/L
BENZO(G,H,I)PERYLENE	10	10 U	UG/L
BENZO(K)FLUORANTHENE	10	10 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	10 U	UG/L
CHRYSENE	10	10 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	10 U	UG/L
FLUORANTHENE	10	10 U	UG/L
FLUORENE	10	10 U	UG/L
NAPHTHALENE	10	10 U	UG/L
PHENANTHRENE	10	10 U	UG/L
PYRENE	10	10 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	52	%
NITROBENZENE-d5	(38 - 105 %)	65	%
2-FLUOROBIPHENYL	(38 - 100 %)	62	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 01/09/07

Haley & Aldrich of New York
Project Reference: VALEO #70436
Client Sample ID : MW-105

Date Sampled : 12/19/06 16:20 **Order #:** 964801 **Sample Matrix:** WATER
Date Received: 12/19/06 **Submission #:** R2635230 **Analytical Run** 138939

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/21/06			
DATE ANALYZED : 12/26/06			
ANALYTICAL DILUTION: 0.94			
ACENAPHTHENE	10	9.4 U	UG/L
ANTHRACENE	10	9.4 U	UG/L
BENZO(A)ANTHRACENE	10	9.4 U	UG/L
BENZO(A)PYRENE	10	0.56 J	UG/L
BENZO(B)FLUORANTHENE	10	0.76 J	UG/L
BENZO(G,H,I)PERYLENE	10	9.4 U	UG/L
BENZO(K)FLUORANTHENE	10	0.51 J	UG/L
INDENO(1,2,3-CD)PYRENE	10	9.4 U	UG/L
CHRYSENE	10	0.54 J	UG/L
DIBENZO(A,H)ANTHRACENE	10	9.4 U	UG/L
FLUORANTHENE	10	0.57 J	UG/L
FLUORENE	10	9.4 U	UG/L
NAPHTHALENE	10	9.4 U	UG/L
PHENANTHRENE	10	9.4 U	UG/L
PYRENE	10	9.4 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	50	%
NITROBENZENE-d5	(38 - 105 %)	84	%
2-FLUOROBIPHENYL	(38 - 100 %)	79	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 8270C STARS LIST SEMIVOLATIL
Reported: 01/09/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 965620 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 138939

ANALYTE	PQL	RESULT	UNITS
DATE EXTRACTED : 12/21/06			
DATE ANALYZED : 12/22/06			
ANALYTICAL DILUTION: 1.00			
ACENAPHTHENE	10	10 U	UG/L
ANTHRACENE	10	10 U	UG/L
BENZO(A)ANTHRACENE	10	10 U	UG/L
BENZO(A)PYRENE	10	10 U	UG/L
BENZO(B)FLUORANTHENE	10	10 U	UG/L
BENZO(G,H,I)PERYLENE	10	10 U	UG/L
BENZO(K)FLUORANTHENE	10	10 U	UG/L
INDENO(1,2,3-CD)PYRENE	10	10 U	UG/L
CHRYSENE	10	10 U	UG/L
DIBENZO(A,H)ANTHRACENE	10	10 U	UG/L
FLUORANTHENE	10	10 U	UG/L
FLUORENE	10	10 U	UG/L
NAPHTHALENE	10	10 U	UG/L
PHENANTHRENE	10	10 U	UG/L
PYRENE	10	10 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(40 - 137 %)	100	%
NITROBENZENE-d5	(38 - 105 %)	87	%
2-FLUOROBIPHENYL	(38 - 100 %)	82	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

WATER

Spiked Order No. : 964800 Haley & Aldrich of New York

Client ID: MW-205

Test: 8270C STARS LIST SEMIVOLATILES

Analytical Units: UG/L

Run Number : 138939

ANALYTE	SPIKE ADDED	CONCENT. SAMPLE	MATRIX SPIKE FOUND	MATRIX SPIKE % REC.	MATRIX SPIKE DUP. FOUND	MATRIX SPIKE DUP. % REC.	RPD	QC LIMITS RPD	QC LIMITS REC.
ACENAPHTHENE	100	0	80.0	80	82.0	82	2	31	41 - 121
ANTHRACENE	100	0	83.0	83	84.0	84	1	30	73 - 130
BENZO(A)ANTHRACENE	100	0	77.0	77	80.0	80	4	30	40 - 130
BENZO(A)PYRENE	100	0	78.0	78	82.0	82	5	30	38 - 118
BENZO(B)FLUORANTHENE	100	0	83.0	83	84.0	84	1	30	39 - 130
BENZO(G,H,I)PERYLENE	100	0	50.0	50	50.0	50	0	30	50 - 125
BENZO(K)FLUORANTHENE	100	0	82.0	82	84.0	84	2	30	41 - 112
INDENO(1,2,3-CD)PYRENE	100	0	53.0	53 *	52.0	52 *	2	30	70 - 130
CHRYSENE	100	0	77.0	77	79.0	79	3	30	61 - 119
DIBENZO(A,H)ANTHRACENE	100	0	57.0	57 *	56.0	56 *	2	30	70 - 130
FLUORANTHENE	100	0	89.0	89	90.0	90	1	30	62 - 130
FLUORENE	100	0	86.0	86	87.0	87	1	30	27 - 113
NAPHTHALENE	100	0	69.0	69	67.0	67	3	30	26 - 109
PHENANTHRENE	100	0	83.0	83	85.0	85	2	30	38 - 130
PYRENE	100	0	75.0	75	77.0	77	3	31	52 - 130

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
WATER

Spiked Order No. : 965621

Dup Spiked Order No. : 965622

Client ID:

Test: 8270C STARS LIST SEMIVOLATILES

Analytical Units: UG/L

Run Number : 138939

			BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
ACENAPHTHENE	100	0	97.0	97	96.0	96	1	31	41 - 121
ANTHRACENE	100	0	100	100	98.0	98	2	30	73 - 130
BENZO(A)ANTHRACENE	100	0	100	100	99.0	99	1	30	71 - 130
BENZO(A)PYRENE	100	0	100	100	100	100	0	30	61 - 119
BENZO(B)FLUORANTHENE	100	0	120	120	110	110	9	30	68 - 130
BENZO(G,H,I)PERYLENE	100	0	100	100	98.0	98	2	30	50 - 125
BENZO(K)FLUORANTHENE	100	0	110	110	110	110	0	30	68 - 113
INDENO(1,2,3-CD)PYRENE	100	0	100	100	95.0	95	5	30	70 - 130
CHRYSENE	100	0	100	100	99.0	99	1	30	61 - 119
DIBENZO(A,H)ANTHRACENE	100	0	110	110	100	100	10	30	70 - 130
FLUORANTHENE	100	0	99.0	99	94.0	94	5	30	75 - 130
FLUORENE	100	0	100	100	100	100	0	30	60 - 111
NAPHTHALENE	100	0	82.0	82	80.0	80	2	30	26 - 109
PHENANTHRENE	100	0	100	100	100	100	0	30	68 - 130
PYRENE	100	0	110	110	110	110	0	31	60 - 130

Data File Name BL489.D
Date Acquired 12/22/2006 12:21
Sample Name ~~965596 10~~ 965621 zm 12/27/06

#	Name	Amount	Units	Amount Spiked	% REC	Por F	Limit %
2)	Pyridine	56.02	ppb		#DIV/0!	#DIV/0!	
3)	N-Nitrosodimethylamine	63.74	ppb		#DIV/0!	#DIV/0!	
4)	SURR1,2-FLUOROPHENOL	122.83	ppb		#DIV/0!	#DIV/0!	
5)	Benzaldehyde	0.42	ppb		#DIV/0!	#DIV/0!	
6)	Aniline	94.33	ppb		#DIV/0!	#DIV/0!	
7)	SURR2,PHENOL-D6	87.71	ppb		#DIV/0!	#DIV/0!	
8)	Phenol	46.26	ppb		#DIV/0!	#DIV/0!	
9)	bis(2-Clethyl)Ether	98.08	ppb		#DIV/0!	#DIV/0!	
10)	2-Chlorophenol	93.84	ppb		#DIV/0!	#DIV/0!	
11)	1,3-Diclbenzene	70.00	ppb		#DIV/0!	#DIV/0!	
12)	1,4-Dichlorobenzene	69.55	ppb		#DIV/0!	#DIV/0!	
13)	1,2-Diclbenzene	70.69	ppb		#DIV/0!	#DIV/0!	
14)	Benzyl Alcohol	93.01	ppb		#DIV/0!	#DIV/0!	
15)	2,2'-oxybis(1-Chloropropane)	111.65	ppb		#DIV/0!	#DIV/0!	
16)	2-Methylphenol	82.84	ppb		#DIV/0!	#DIV/0!	
17)	Acetophenone	98.61	ppb		#DIV/0!	#DIV/0!	
18)	N-Nitroso-Di-n-propylamine	101.26	ppb		#DIV/0!	#DIV/0!	
19)	Hexachloroethane	69.56	ppb		#DIV/0!	#DIV/0!	
20)	4-Methylphenol	161.44	ppb		#DIV/0!	#DIV/0!	
22)	SURR4,NITROBENZENE-D5	98.43	ppb	100	98%	P	38-105(s)
23)	Nitrobenzene	96.61	ppb		#DIV/0!	#DIV/0!	
24)	Isophorone	101.75	ppb		#DIV/0!	#DIV/0!	
25)	2-Nitrophenol	99.47	ppb		#DIV/0!	#DIV/0!	
26)	Benzoic Acid	38.87	ppb		#DIV/0!	#DIV/0!	
27)	2,4-Dimethylphenol	64.21	ppb		#DIV/0!	#DIV/0!	
28)	bis(-2-Chloroethoxy)Methane	139.82	ppb		#DIV/0!	#DIV/0!	
29)	2,4-Dichlorophenol	93.82	ppb		#DIV/0!	#DIV/0!	
30)	1,2,4-Trichlorobenzene	69.17	ppb		#DIV/0!	#DIV/0!	
31)	Naphthalene	82.47	ppb	100	82%	P	26-109*
32)	4-Chloroaniline	92.22	ppb		#DIV/0!	#DIV/0!	
33)	Hexachlorobutadiene	65.25	ppb		#DIV/0!	#DIV/0!	
34)	4-Chloro-3-methylphenol	103.78	ppb		#DIV/0!	#DIV/0!	
35)	Caprolactam	0.56	ppb		#DIV/0!	#DIV/0!	
36)	2-Methylnaphthalene	80.46	ppb		#DIV/0!	#DIV/0!	
37)	1-Methylnaphthalene	88.25	ppb		#DIV/0!	#DIV/0!	
39)	Hexachlorocyclopentadiene	39.86	ppb		#DIV/0!	#DIV/0!	
40)	2,4,6-Trichlorophenol	100.12	ppb		#DIV/0!	#DIV/0!	
41)	2,4,5-Trichlorophenol	98.02	ppb		#DIV/0!	#DIV/0!	
42)	SURR5,2-FLUOROBIPHENYL	93.97	ppb	100	94%	P	38-100(s)
43)	1,1'-Biphenyl	0.70	ppb		#DIV/0!	#DIV/0!	
44)	2-Chloronaphthalene	87.88	ppb		#DIV/0!	#DIV/0!	
45)	2-Nitroaniline	107.32	ppb		#DIV/0!	#DIV/0!	
46)	Acenaphthylene	102.80	ppb	100	103%	P	36-125*
47)	Dimethyl phthalate	101.55	ppb		#DIV/0!	#DIV/0!	

48)	2,6-Dinitrotoluene	99.92	ppb		#DIV/0!	#DIV/0!	
49)	Acenaphthene	97.44	ppb	100	97%	P	41-121*
50)	3-Nitroaniline	91.88	ppb		#DIV/0!	#DIV/0!	
51)	2,4-Dinitrophenol	104.94	ppb		#DIV/0!	#DIV/0!	
52)	Dibenzofuran	95.05	ppb		#DIV/0!	#DIV/0!	
53)	2,4-Dinitrotoluene	108.18	ppb		#DIV/0!	#DIV/0!	
54)	4-Nitrophenol	52.48	ppb		#DIV/0!	#DIV/0!	
55)	Fluorene	103.18	ppb	100	103%	P	60-111
56)	4-Chlorophenyl-phenylether	97.64	ppb		#DIV/0!	#DIV/0!	
57)	Diethylphthalate	105.71	ppb		#DIV/0!	#DIV/0!	
58)	4-Nitroaniline	112.02	ppb		#DIV/0!	#DIV/0!	
59)	RR3,2,4,6-TRIBROMOPHENO	182.45	ppb		#DIV/0!	#DIV/0!	
61)	4,6-Dinitro-2-methylphenol	96.16	ppb		#DIV/0!	#DIV/0!	
62)	1,2 Diphenylhydrazine	108.03	ppb		#DIV/0!	#DIV/0!	
63)	N-Nitrosodiphenylamine	96.28	ppb		#DIV/0!	#DIV/0!	
64)	4-Bromophenyl-phenylether	96.86	ppb		#DIV/0!	#DIV/0!	
65)	Hexachlorobenzene	95.96	ppb		#DIV/0!	#DIV/0!	
66)	Atrazine	35.70	ppb		#DIV/0!	#DIV/0!	
67)	Pentachlorophenol	92.46	ppb		#DIV/0!	#DIV/0!	
68)	Phenanthrene	104.92	ppb	100	105%	P	68-130*
69)	Anthracene	99.80	ppb	100	100%	P	73-130
70)	Carbazole	110.75	ppb		#DIV/0!	#DIV/0!	
71)	Di-n-butylphthalate	109.19	ppb		#DIV/0!	#DIV/0!	
72)	Fluoranthene	98.68	ppb	100	99%	P	75-130
74)	Benzidine	106.92	ppb		#DIV/0!	#DIV/0!	
75)	Pyrene	112.94	ppb	100	113%	P	60-130*
76)	SURR6,TERPHENYL-D14	112.32	ppb	100	112%	P	40-137(s)
77)	Butyl benzyl phthalate	114.01	ppb		#DIV/0!	#DIV/0!	
78)	3,3'-Dichlorobenzidine	97.41	ppb		#DIV/0!	#DIV/0!	
79)	Benzo(a)anthracene	103.91	ppb	100	104%	P	71-130
80)	Chrysene	104.13	ppb	100	104%	P	61-119
81)	bis(2-Ethylhexyl)phthalate	114.25	ppb		#DIV/0!	#DIV/0!	
83)	Di-n-octyl phthalate	118.07	ppb		#DIV/0!	#DIV/0!	
84)	Benzo(b)Fluoranthene	116.00	ppb	100	116%	P	68-130
85)	Benzo(k)fluoranthene	111.35	ppb	100	111%	P	68-113
86)	Benzo(a)pyrene	104.71	ppb	100	105%	P	61-119
87)	Indeno(1,2,3-cd)Pyrene	99.97	ppb	100	100%	P	70-130
88)	Dibenz(a,h)anthracene	107.73	ppb	100	108%	P	70-130
89)	Benzo(g,h,i)perylene	101.51	ppb	100	102%	P	50-125

Data File Name BL490.D
Date Acquired 12/22/2006 1:02
Sample Name ~~965597 10~~ 965622 2m 12/27/06

#	Name	Amount	Units	Amount Spiked	% REC	Por F	Limit %
2)	Pyridine	29.93	ppb		#DIV/0!	#DIV/0!	
3)	N-Nitrosodimethylamine	65.70	ppb		#DIV/0!	#DIV/0!	
4)	SURR1,2-FLUOROPHENOL	132.67	ppb		#DIV/0!	#DIV/0!	
5)	Benzaldehyde	0.41	ppb		#DIV/0!	#DIV/0!	
6)	Aniline	82.17	ppb		#DIV/0!	#DIV/0!	
7)	SURR2,PHENOL-D6	98.53	ppb		#DIV/0!	#DIV/0!	
8)	Phenol	51.07	ppb		#DIV/0!	#DIV/0!	
9)	bis(2-Clethyl)Ether	96.92	ppb		#DIV/0!	#DIV/0!	
10)	2-Chlorophenol	94.49	ppb		#DIV/0!	#DIV/0!	
11)	1,3-Diclbenzene	67.27	ppb		#DIV/0!	#DIV/0!	
12)	1,4-Dichlorobenzene	67.64	ppb		#DIV/0!	#DIV/0!	
13)	1,2-Diclbenzene	69.38	ppb		#DIV/0!	#DIV/0!	
14)	Benzyl Alcohol	94.85	ppb		#DIV/0!	#DIV/0!	
15)	2,2'-oxybis(1-Chloropropane)	110.54	ppb		#DIV/0!	#DIV/0!	
16)	2-Methylphenol	84.97	ppb		#DIV/0!	#DIV/0!	
17)	Acetophenone	98.28	ppb		#DIV/0!	#DIV/0!	
18)	N-Nitroso-Di-n-propylamine	100.85	ppb		#DIV/0!	#DIV/0!	
19)	Hexachloroethane	67.42	ppb		#DIV/0!	#DIV/0!	
20)	4-Methylphenol	166.91	ppb		#DIV/0!	#DIV/0!	
22)	SURR4,NITROBENZENE-D5	97.44	ppb	100	97%	P	38-105(s)
23)	Nitrobenzene	95.27	ppb		#DIV/0!	#DIV/0!	
24)	Isophorone	100.47	ppb		#DIV/0!	#DIV/0!	
25)	2-Nitrophenol	99.89	ppb		#DIV/0!	#DIV/0!	
26)	Benzoic Acid	45.50	ppb		#DIV/0!	#DIV/0!	
27)	2,4-Dimethylphenol	66.78	ppb		#DIV/0!	#DIV/0!	
28)	bis(-2-Chloroethoxy)Methane	136.87	ppb		#DIV/0!	#DIV/0!	
29)	2,4-Dichlorophenol	93.49	ppb		#DIV/0!	#DIV/0!	
30)	1,2,4-Trichlorobenzene	67.58	ppb		#DIV/0!	#DIV/0!	
31)	Naphthalene	80.17	ppb	100	80%	P	26-109*
32)	4-Chloroaniline	89.04	ppb		#DIV/0!	#DIV/0!	
33)	Hexachlorobutadiene	62.56	ppb		#DIV/0!	#DIV/0!	
34)	4-Chloro-3-methylphenol	102.75	ppb		#DIV/0!	#DIV/0!	
35)	Caprolactam	0.40	ppb		#DIV/0!	#DIV/0!	
36)	2-Methylnaphthalene	79.31	ppb		#DIV/0!	#DIV/0!	
37)	1-Methylnaphthalene	86.76	ppb		#DIV/0!	#DIV/0!	
39)	Hexachlorocyclopentadiene	47.60	ppb		#DIV/0!	#DIV/0!	
40)	2,4,6-Trichlorophenol	101.41	ppb		#DIV/0!	#DIV/0!	
41)	2,4,5-Trichlorophenol	98.02	ppb		#DIV/0!	#DIV/0!	
42)	SURR5,2-FLUOROBIPHENYL	94.51	ppb	100	95%	P	38-100(s)
43)	1,1'-Biphenyl	0.79	ppb		#DIV/0!	#DIV/0!	
44)	2-Chloronaphthalene	88.77	ppb		#DIV/0!	#DIV/0!	
45)	2-Nitroaniline	105.85	ppb		#DIV/0!	#DIV/0!	
46)	Acenaphthylene	101.21	ppb	100	101%	P	36-125*
47)	Dimethyl phthalate	101.11	ppb		#DIV/0!	#DIV/0!	

48)	2,6-Dinitrotoluene	100.57	ppb		#DIV/0!	#DIV/0!	
49)	Acenaphthene	95.63	ppb	100	96%	P	41-121*
50)	3-Nitroaniline	90.20	ppb		#DIV/0!	#DIV/0!	
51)	2,4-Dinitrophenol	107.51	ppb		#DIV/0!	#DIV/0!	
52)	Dibenzofuran	93.60	ppb		#DIV/0!	#DIV/0!	
53)	2,4-Dinitrotoluene	108.24	ppb		#DIV/0!	#DIV/0!	
54)	4-Nitrophenol	59.09	ppb		#DIV/0!	#DIV/0!	
55)	Fluorene	101.90	ppb	100	102%	P	60-111
56)	4-Chlorophenyl-phenylether	97.21	ppb		#DIV/0!	#DIV/0!	
57)	Diethylphthalate	104.81	ppb		#DIV/0!	#DIV/0!	
58)	4-Nitroaniline	107.64	ppb		#DIV/0!	#DIV/0!	
59)	RR3,2,4,6-TRIBROMOPHENO	186.78	ppb		#DIV/0!	#DIV/0!	
61)	4,6-Dinitro-2-methylphenol	95.23	ppb		#DIV/0!	#DIV/0!	
62)	1,2 Diphenylhydrazine	107.72	ppb		#DIV/0!	#DIV/0!	
63)	N-Nitrosodiphenylamine	96.19	ppb		#DIV/0!	#DIV/0!	
64)	4-Bromophenyl-phenylether	97.81	ppb		#DIV/0!	#DIV/0!	
65)	Hexachlorobenzene	96.29	ppb		#DIV/0!	#DIV/0!	
66)	Atrazine	33.69	ppb		#DIV/0!	#DIV/0!	
67)	Pentachlorophenol	94.58	ppb		#DIV/0!	#DIV/0!	
68)	Phenanthrene	102.20	ppb	100	102%	P	68-130*
69)	Anthracene	97.69	ppb	100	98%	P	73-130
70)	Carbazole	106.65	ppb		#DIV/0!	#DIV/0!	
71)	Di-n-butylphthalate	106.92	ppb		#DIV/0!	#DIV/0!	
72)	Fluoranthene	94.28	ppb	100	94%	P	75-130
74)	Benzidine	28.91	ppb		#DIV/0!	#DIV/0!	
75)	Pyrene	108.88	ppb	100	109%	P	60-130*
76)	SURR6,TERPHENYL-D14	109.47	ppb	100	109%	P	40-137(s)
77)	Butyl benzyl phthalate	109.54	ppb		#DIV/0!	#DIV/0!	
78)	3,3'-Dichlorobenzidine	91.83	ppb		#DIV/0!	#DIV/0!	
79)	Benzo(a)anthracene	99.15	ppb	100	99%	P	71-130
80)	Chrysene	99.32	ppb	100	99%	P	61-119
81)	bis(2-Ethylhexyl)phthalate	110.91	ppb		#DIV/0!	#DIV/0!	
83)	Di-n-octyl phthalate	114.21	ppb		#DIV/0!	#DIV/0!	
84)	Benzo(b)Fluoranthene	108.60	ppb	100	109%	P	68-130
85)	Benzo(k)fluoranthene	106.53	ppb	100	107%	P	68-113
86)	Benzo(a)pyrene	101.24	ppb	100	101%	P	61-119
87)	Indeno(1,2,3-cd)Pyrene	95.31	ppb	100	95%	P	70-130
88)	Dibenz(a,h)anthracene	103.17	ppb	100	103%	P	70-130
89)	Benzo(g,h,i)perylene	97.59	ppb	100	98%	P	50-125

Appendix C

Paradigm Environmental Services, Inc. Laboratory Analysis Data

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12786
Client Job Number:	N/A		
Field Location:	DB-309-3	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/27/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	1.37
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V41667.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12786
Client Job Number:	N/A		
Field Location:	DB-309-3	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/27/2006

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: V41667.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site: Proposed Development Lyell Ave
Client Job Number: N/A
Field Location: MW-210
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-3848
Lab Sample Number: 12787

Date Sampled: 12/19/2006
Date Received: 12/20/2006
Date Analyzed: 12/22/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

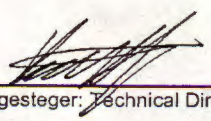
Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V41641.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: 
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12787
Client Job Number:	N/A		
Field Location:	MW-210	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/22/2006

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: V41641.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: 

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12790
Client Job Number:	N/A		
Field Location:	MW-211	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/23/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V41646.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12790
Client Job Number:	N/A		
Field Location:	MW-211	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/23/2006

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: V41646.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12791
Client Job Number:	N/A		
Field Location:	MW-205	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/23/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	24.0
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V41647.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12791
Client Job Number:	N/A		
Field Location:	MW-205	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/23/2006

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: V41647.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site: Proposed Development Lyell Ave
Client Job Number: N/A
Field Location: Rinse Blank
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-3848
Lab Sample Number: 12792

Date Sampled: 12/19/2006
Date Received: 12/20/2006
Date Analyzed: 12/23/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	62.3
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V41648.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: 
Bruce Hoogesteger: Technical Director

PARADIGM
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Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12792
Client Job Number:	N/A		
Field Location:	Rinse Blank	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/23/2006

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: V41648.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
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Volatile Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12793
Client Job Number:	N/A		
Field Location:	MW Trip Blank	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/23/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V41649.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
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Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12793
Client Job Number:	N/A		
Field Location:	MW Trip Blank	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/23/2006

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: V41649.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
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Volatile Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site: Proposed Development Lyell Ave
Client Job Number: N/A
Field Location: OW-105
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-3848
Lab Sample Number: 12794

Date Sampled: 12/19/2006
Date Received: 12/20/2006
Date Analyzed: 12/23/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	3.83
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	2.57

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V41650.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
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Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12794
Client Job Number:	N/A		
Field Location:	OW-105	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/23/2006

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: V41650.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12795
Client Job Number:	N/A		
Field Location:	OW-105 Dup	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/23/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	3.03
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	2.87

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V41651.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12795
Client Job Number:	N/A		
Field Location:	OW-105 Dup	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/23/2006

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: V41651.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	Method Blank
Client Job Number:	N/A		
Field Location:	N/A	**Date Sampled:**	N/A
Field ID Number:	N/A	**Date Received:**	N/A
Sample Type:	Water	**Date Analyzed:**	12/22/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V41625.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	Method Blank
Client Job Number:	N/A		
Field Location:	N/A	**Date Sampled:**	N/A
Field ID Number:	N/A	**Date Received:**	N/A
Sample Type:	Water	**Date Analyzed:**	12/22/2006

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: V41625.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	Method Blank
Client Job Number:	N/A		
Field Location:	N/A	**Date Sampled:**	N/A
Field ID Number:	N/A	**Date Received:**	N/A
Sample Type:	Water	**Date Analyzed:**	12/27/2006

Halocarbons	Results in ug / L
Bromodichloromethane	ND< 2.00
Bromomethane	ND< 2.00
Bromoform	ND< 2.00
Carbon Tetrachloride	ND< 2.00
Chloroethane	ND< 2.00
Chloromethane	ND< 2.00
2-Chloroethyl vinyl Ether	ND< 2.00
Chloroform	ND< 2.00
Dibromochloromethane	ND< 2.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Methylene chloride	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00

Aromatics	Results in ug / L
Benzene	ND< 0.700
Chlorobenzene	ND< 2.00
Ethylbenzene	ND< 2.00
Toluene	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00
Styrene	ND< 5.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00

Ketones	Results in ug / L
Acetone	ND< 10.0
2-Butanone	ND< 10.0
2-Hexanone	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00

Miscellaneous	Results in ug / L
Carbon disulfide	ND< 5.00
Vinyl acetate	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V41660.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water (Additional STARS Compounds)

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	Method Blank
Client Job Number:	N/A		
Field Location:	N/A	**Date Sampled:**	N/A
Field ID Number:	N/A	**Date Received:**	N/A
Sample Type:	Water	**Date Analyzed:**	12/27/2006

Aromatics	Results in ug / L	Aromatics	Results in ug / L
n-Butylbenzene	ND< 2.00	1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00	1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00		
n-Propylbenzene	ND< 2.00	**Miscellaneous**	
Isopropylbenzene	ND< 2.00	Methyl tert-butyl Ether	ND< 2.00
p-Isopropyltoluene	ND< 2.00		
Naphthalene	ND< 5.00		

ELAP Number 10958 Method: EPA 8260B Data File: V41660.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

PARADIGM
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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Surrogate Report

Client: Bergmann Associates

Client Job Site: Proposed Development Lyell Ave
Client Job Number: N/A
Sample Type: Water

Lab Project Number: 06-3848
Date Received: 12/20/2006

Lab Sample Number	Field Number	Field Location	1,2-DCE	Tol	4-BFB
Method Blank 12/22	N/A	N/A	90	72	70
Method Blank 12/27	N/A	N/A	104	85	88
12786	N/A	DB-309-3	102	84	89
12787	N/A	MW-210	108	87	79
12790	N/A	MW-211	118	93	87
12791	N/A	MW-205	129	101	90
12792	N/A	Rinse Blank	116	94	83
12793	N/A	MW Trip Blank	115	91	80
12794	N/A	OW-105	114	92	81
12795	N/A	OW-105 Dup	106	87	75

ELAP Number 10958

Surrogate	Advisory QC Surrogate Limits
1,2-Dichloroethane-d4	58% - 124%
Toluene-d8	52% - 104%
4-Bromofluorobenzene	58% - 102%

Comments: Surrogate outliers indicate potential matrix interference

Signature: _____
Bruce Hoogesteger: Technical Director

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Volatile Analysis Report

Client: Bergmann Associates

Client Job Site: Proposed Development Lyell Ave
Client Job Number: N/A
Field Location: N/A
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 06-3848
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 12/22/2006

Lab Sample Number: LCS

Laboratory Spike Recovery Table

Spiked Compound	Spike Conc	% Recovery	QC Limits
Chloromethane	50.0 ug / L	114	34% - 136%
Vinyl chloride	50.0 ug / L	119	48% - 132%
Bromomethane	50.0 ug / L	130	54% - 118%
Chloroethane	50.0 ug / L	121	60% - 128%
Trichlorofluoromethane	50.0 ug / L	125	66% - 128%
1,1-Dichloroethene	50.0 ug / L	128	58% - 124%
Methylene chloride	50.0 ug / L	129	70% - 122%
trans-1,2-dichloroethene	50.0 ug / L	129	60% - 126%
1,1-Dichloroethane	50.0 ug / L	76.9	28% - 150%
Bromoform	50.0 ug / L	97.3	58% - 118%
Chloroform	50.0 ug / L	119	58% - 124%
1,1,1-Trichloroethane	50.0 ug / L	117	68% - 120%
Carbon tetrachloride	50.0 ug / L	115	72% - 124%
Benzene	50.0 ug / L	113	66% - 124%
1,2-Dichloroethane	50.0 ug / L	113	64% - 128%
Trichloroethene	50.0 ug / L	114	62% - 122%
1,2-Dichloropropane	50.0 ug / L	121	54% - 132%
Bromodichloromethane	50.0 ug / L	122	56% - 130%
cis-1,3-Dichloropropene	50.0 ug / L	113	58% - 122%
Toluene	50.0 ug / L	114	62% - 122%
trans-1,3-Dichloropropene	50.0 ug / L	112	58% - 124%
1,1,2-Trichloroethane	50.0 ug / L	115	52% - 130%
Tetrachloroethene	50.0 ug / L	115	62% - 126%
Dibromochloromethane	50.0 ug / L	114	56% - 126%
Chlorobenzene	50.0 ug / L	99.8	56% - 122%
Ethylbenzene	50.0 ug / L	99.3	66% - 122%
1,1,2,2,-Tetrachloroethane	50.0 ug / L	99.0	58% - 130%
1,3-Dichlorobenzene	50.0 ug / L	94.2	54% - 112%
1,4-Dichlorobenzene	50.0 ug / L	96.9	58% - 114%
1,2-Dichlorobenzene	50.0 ug / L	97.1	64% - 116%

ELAP Number 10958

Method: EPA 8260B

Comments: LCS outlier analytes not present in field samples

Signature:

Bruce Hoogesteger, Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
Client Job Number:	N/A		
Field Location:	N/A	**Date Sampled:**	N/A
Field ID Number:	N/A	**Date Received:**	N/A
Sample Type:	Water	**Date Analyzed:**	12/27/2006

Lab Sample Number: LCS

Laboratory Spike Recovery Table

Spiked Compound	Spike Conc	% Recovery	QC Limits
Chloromethane	50.0 ug / L	128	34% - 136%
Vinyl chloride	50.0 ug / L	120	48% - 132%
Bromomethane	50.0 ug / L	94.0	54% - 118%
Chloroethane	50.0 ug / L	116	60% - 128%
Trichlorofluoromethane	50.0 ug / L	115	66% - 128%
1,1-Dichloroethene	50.0 ug / L	115	58% - 124%
Methylene chloride	50.0 ug / L	109	70% - 122%
trans-1,2-dichloroethene	50.0 ug / L	119	60% - 126%
1,1-Dichloroethane	50.0 ug / L	143	28% - 150%
Bromoform	50.0 ug / L	120	58% - 118%
Chloroform	50.0 ug / L	114	58% - 124%
1,1,1-Trichloroethane	50.0 ug / L	116	68% - 120%
Carbon tetrachloride	50.0 ug / L	121	72% - 124%
Benzene	50.0 ug / L	112	66% - 124%
1,2-Dichloroethane	50.0 ug / L	112	64% - 128%
Trichloroethene	50.0 ug / L	119	62% - 122%
1,2-Dichloropropane	50.0 ug / L	118	54% - 132%
Bromodichloromethane	50.0 ug / L	112	56% - 130%
cis-1,3-Dichloropropene	50.0 ug / L	113	58% - 122%
Toluene	50.0 ug / L	109	62% - 122%
trans-1,3-Dichloropropene	50.0 ug / L	117	58% - 124%
1,1,2-Trichloroethane	50.0 ug / L	115	52% - 130%
Tetrachloroethene	50.0 ug / L	118	62% - 126%
Dibromochloromethane	50.0 ug / L	114	56% - 126%
Chlorobenzene	50.0 ug / L	116	56% - 122%
Ethylbenzene	50.0 ug / L	111	66% - 122%
1,1,2,2,-Tetrachloroethane	50.0 ug / L	121	58% - 130%
1,3-Dichlorobenzene	50.0 ug / L	116	54% - 112%
1,4-Dichlorobenzene	50.0 ug / L	112	58% - 114%
1,2-Dichlorobenzene	50.0 ug / L	114	64% - 116%

ELAP Number 10958 Method: EPA 8260B

Comments: LCS outlier analytes not present in field samples

Signature:

Bruce Hoogesteger, Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
Client Job Number:	N/A		
Field Location:	MW-210 MS	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/22/2006

Lab Sample Number: 12788

Laboratory Spike Recovery Table

Spiked Compound	Spike Conc	% Recovery	QC Limits
Chloromethane	50.0 ug / L	93.3	34% - 136%
Vinyl chloride	50.0 ug / L	93.4	48% - 132%
Bromomethane	50.0 ug / L	121	54% - 118%
Chloroethane	50.0 ug / L	108	60% - 128%
Trichlorofluoromethane	50.0 ug / L	104	66% - 128%
1,1-Dichloroethene	50.0 ug / L	106	58% - 124%
Methylene chloride	50.0 ug / L	104	70% - 122%
trans-1,2-dichloroethene	50.0 ug / L	103	60% - 126%
1,1-Dichloroethane	50.0 ug / L	121	28% - 150%
Bromoform	50.0 ug / L	90.1	58% - 118%
Chloroform	50.0 ug / L	105	58% - 124%
1,1,1-Trichloroethane	50.0 ug / L	98.1	68% - 120%
Carbon tetrachloride	50.0 ug / L	99.6	72% - 124%
Benzene	50.0 ug / L	95.7	66% - 124%
1,2-Dichloroethane	50.0 ug / L	98.2	64% - 128%
Trichloroethene	50.0 ug / L	97.7	62% - 122%
1,2-Dichloropropane	50.0 ug / L	106	54% - 132%
Bromodichloromethane	50.0 ug / L	105	56% - 130%
cis-1,3-Dichloropropene	50.0 ug / L	94.8	58% - 122%
Toluene	50.0 ug / L	94.0	62% - 122%
trans-1,3-Dichloropropene	50.0 ug / L	95.2	58% - 124%
1,1,2-Trichloroethane	50.0 ug / L	102	52% - 130%
Tetrachloroethene	50.0 ug / L	97.9	62% - 126%
Dibromochloromethane	50.0 ug / L	100	56% - 126%
Chlorobenzene	50.0 ug / L	82.8	56% - 122%
Ethylbenzene	50.0 ug / L	83.5	66% - 122%
1,1,2,2,-Tetrachloroethane	50.0 ug / L	87.0	58% - 130%
1,3-Dichlorobenzene	50.0 ug / L	76.2	54% - 112%
1,4-Dichlorobenzene	50.0 ug / L	75.7	58% - 114%
1,2-Dichlorobenzene	50.0 ug / L	77.5	64% - 116%

ELAP Number 10958

Method: EPA 8260B

Comments:

Signature:

Bruce Hoogesteger: Technical Director

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Volatile Analysis Report

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
Client Job Number:	N/A		
Field Location:	MW-210 MSD	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/22/2006

Lab Sample Number: 12789

Laboratory Spike Recovery Table

Spiked Compound	Spike Conc	% Recovery	QC Limits
Chloromethane	50.0 ug / L	129	34% - 136%
Vinyl chloride	50.0 ug / L	127	48% - 132%
Bromomethane	50.0 ug / L	165	54% - 118%
Chloroethane	50.0 ug / L	146	60% - 128%
Trichlorofluoromethane	50.0 ug / L	144	66% - 128%
1,1-Dichloroethene	50.0 ug / L	142	58% - 124%
Methylene chloride	50.0 ug / L	141	70% - 122%
trans-1,2-dichloroethene	50.0 ug / L	143	60% - 126%
1,1-Dichloroethane	50.0 ug / L	129	28% - 150%
Bromoform	50.0 ug / L	113	58% - 118%
Chloroform	50.0 ug / L	135	58% - 124%
1,1,1-Trichloroethane	50.0 ug / L	132	68% - 120%
Carbon tetrachloride	50.0 ug / L	125	72% - 124%
Benzene	50.0 ug / L	124	66% - 124%
1,2-Dichloroethane	50.0 ug / L	128	64% - 128%
Trichloroethene	50.0 ug / L	125	62% - 122%
1,2-Dichloropropane	50.0 ug / L	136	54% - 132%
Bromodichloromethane	50.0 ug / L	138	56% - 130%
cis-1,3-Dichloropropene	50.0 ug / L	119	58% - 122%
Toluene	50.0 ug / L	120	62% - 122%
trans-1,3-Dichloropropene	50.0 ug / L	116	58% - 124%
1,1,2-Trichloroethane	50.0 ug / L	128	52% - 130%
Tetrachloroethene	50.0 ug / L	121	62% - 126%
Dibromochloromethane	50.0 ug / L	127	56% - 126%
Chlorobenzene	50.0 ug / L	105	56% - 122%
Ethylbenzene	50.0 ug / L	106	66% - 122%
1,1,2,2,-Tetrachloroethane	50.0 ug / L	111	58% - 130%
1,3-Dichlorobenzene	50.0 ug / L	95.1	54% - 112%
1,4-Dichlorobenzene	50.0 ug / L	96.6	58% - 114%
1,2-Dichlorobenzene	50.0 ug / L	97.2	64% - 116%

ELAP Number 10958

Method: EPA 8280B

Comments: MS outliers indicate protential matrix interference

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi -Volatile STARS Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12786
Client Job Number:	N/A		
Field Location:	DB-309-3	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/26/2006

Base / Neutrals	Results in ug / L
Acenaphthene	ND< 10.0
Acenaphthylene	ND< 10.0
Anthracene	ND< 10.0
Benzo (a) anthracene	ND< 10.0
Benzo (a) pyrene	ND< 10.0
Benzo (b) fluoranthene	ND< 10.0
Benzo (g,h,i) perylene	ND< 10.0
Benzo (k) fluoranthene	ND< 10.0
Chrysene	ND< 10.0
Dibenz (a,h) anthracene	ND< 10.0
Fluoranthene	ND< 10.0
Fluorene	ND< 10.0
Indeno (1,2,3-cd) pyrene	ND< 10.0
Naphthalene	ND< 10.0
Phenanthrene	ND< 10.0
Pyrene	ND< 10.0

ELAP Number 10958 Method: EPA 8270C Data File: S32826.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

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Semi -Volatile STARS Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12787
Client Job Number:	N/A		
Field Location:	MW-210	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/26/2006

Base / Neutrals	Results in ug / L
Acenaphthene	ND< 10.0
Acenaphthylene	ND< 10.0
Anthracene	ND< 10.0
Benzo (a) anthracene	ND< 10.0
Benzo (a) pyrene	ND< 10.0
Benzo (b) fluoranthene	ND< 10.0
Benzo (g,h,i) perylene	ND< 10.0
Benzo (k) fluoranthene	ND< 10.0
Chrysene	ND< 10.0
Dibenz (a,h) anthracene	ND< 10.0
Fluoranthene	ND< 10.0
Fluorene	ND< 10.0
Indeno (1,2,3-cd) pyrene	ND< 10.0
Naphthalene	ND< 10.0
Phenanthrene	ND< 10.0
Pyrene	ND< 10.0

ELAP Number 10958 Method: EPA 8270C Data File: S32827.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

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Semi -Volatile STARS Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12790
Client Job Number:	N/A		
Field Location:	MW-211	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/26/2006

Base / Neutrals	Results in ug / L
Acenaphthene	ND< 10.0
Acenaphthylene	ND< 10.0
Anthracene	ND< 10.0
Benzo (a) anthracene	ND< 10.0
Benzo (a) pyrene	ND< 10.0
Benzo (b) fluoranthene	ND< 10.0
Benzo (g,h,i) perylene	ND< 10.0
Benzo (k) fluoranthene	ND< 10.0
Chrysene	ND< 10.0
Dibenz (a,h) anthracene	ND< 10.0
Fluoranthene	ND< 10.0
Fluorene	ND< 10.0
Indeno (1,2,3-cd) pyrene	ND< 10.0
Naphthalene	ND< 10.0
Phenanthrene	ND< 10.0
Pyrene	ND< 10.0

ELAP Number 10958 Method: EPA 8270C Data File: S32830.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

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Semi -Volatile STARS Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12791
Client Job Number:	N/A		
Field Location:	MW-205	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/26/2006

Base / Neutrals	Results in ug / L
Acenaphthene	ND< 10.0
Acenaphthylene	ND< 10.0
Anthracene	ND< 10.0
Benzo (a) anthracene	ND< 10.0
Benzo (a) pyrene	ND< 10.0
Benzo (b) fluoranthene	ND< 10.0
Benzo (g,h,i) perylene	ND< 10.0
Benzo (k) fluoranthene	ND< 10.0
Chrysene	ND< 10.0
Dibenz (a,h) anthracene	ND< 10.0
Fluoranthene	ND< 10.0
Fluorene	ND< 10.0
Indeno (1,2,3-cd) pyrene	ND< 10.0
Naphthalene	ND< 10.0
Phenanthrene	ND< 10.0
Pyrene	ND< 10.0

ELAP Number 10958 Method: EPA 8270C Data File: S32831.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

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Semi -Volatile STARS Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12794
Client Job Number:	N/A		
Field Location:	OW-105	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/26/2006

Base / Neutrals	Results in ug / L
Acenaphthene	ND< 10.0
Acenaphthylene	ND< 10.0
Anthracene	ND< 10.0
Benzo (a) anthracene	ND< 10.0
Benzo (a) pyrene	ND< 10.0
Benzo (b) fluoranthene	ND< 10.0
Benzo (g,h,i) perylene	ND< 10.0
Benzo (k) fluoranthene	ND< 10.0
Chrysene	ND< 10.0
Dibenz (a,h) anthracene	ND< 10.0
Fluoranthene	ND< 10.0
Fluorene	ND< 10.0
Indeno (1,2,3-cd) pyrene	ND< 10.0
Naphthalene	ND< 10.0
Phenanthrene	ND< 10.0
Pyrene	ND< 10.0

ELAP Number 10958 Method: EPA 8270C Data File: S32832.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

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Semi -Volatile STARS Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	12795
Client Job Number:	N/A		
Field Location:	OW-105 Dup	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/26/2006

Base / Neutrals	Results in ug / L
Acenaphthene	ND< 10.0
Acenaphthylene	ND< 10.0
Anthracene	ND< 10.0
Benzo (a) anthracene	ND< 10.0
Benzo (a) pyrene	ND< 10.0
Benzo (b) fluoranthene	ND< 10.0
Benzo (g,h,i) perylene	ND< 10.0
Benzo (k) fluoranthene	ND< 10.0
Chrysene	ND< 10.0
Dibenz (a,h) anthracene	ND< 10.0
Fluoranthene	ND< 10.0
Fluorene	ND< 10.0
Indeno (1,2,3-cd) pyrene	ND< 10.0
Naphthalene	ND< 10.0
Phenanthrene	ND< 10.0
Pyrene	ND< 10.0

ELAP Number 10958 Method: EPA 8270C Data File: S32833.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

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Semi -Volatile STARS Analysis Report for Non-potable Water

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
		Lab Sample Number:	Method Blank
Client Job Number:	N/A		
Field Location:	N/A	**Date Sampled:**	N/A
Field ID Number:	N/A	**Date Received:**	N/A
Sample Type:	Water	**Date Analyzed:**	12/26/2006

Base / Neutrals	Results in ug / L
Acenaphthene	ND< 10.0
Acenaphthylene	ND< 10.0
Anthracene	ND< 10.0
Benzo (a) anthracene	ND< 10.0
Benzo (a) pyrene	ND< 10.0
Benzo (b) fluoranthene	ND< 10.0
Benzo (g,h,i) perylene	ND< 10.0
Benzo (k) fluoranthene	ND< 10.0
Chrysene	ND< 10.0
Dibenz (a,h) anthracene	ND< 10.0
Fluoranthene	ND< 10.0
Fluorene	ND< 10.0
Indeno (1,2,3-cd) pyrene	ND< 10.0
Naphthalene	ND< 10.0
Phenanthrene	ND< 10.0
Pyrene	ND< 10.0

ELAP Number 10958 Method: EPA 8270C Data File: S32824.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Surrogate Report

Client: Bergmann Associates

Client Job Site: Proposed Development

Lab Project Number: 06-3848

Client Job Number: N/A

Date Received: 12/20/2006

Sample Type: Water

Lab Sample Number	Field Number	Field Location	2-FP	P-d5	NB-d5	2-FBP	2,4,6-TBP	TP-d14
Blank	N/A	N/A	33	22	55	37	74	70
LCS	N/A	N/A	38	26	66	43	68	72
12786	N/A	DB-309-3	35	25	71	56	74	75
12787	N/A	MW-210	31	26	67	56	65	72
12788	N/A	MW-210 MS	33	24	69	60	71	74
12789	N/A	MW-210 MSD	32	24	63	58	69	71
12790	N/A	MW-211	35	25	69	60	75	73
12791	N/A	MW-205	35	23	61	61	62	68
12794	N/A	OW-105	30	21	61	61	60	68
12795	N/A	OW-105 Dup	30	23	72	76	65	74

	Soil	Water
Surrogate	Advisory QC Surrogate Limits	Advisory QC Surrogate Limits
2-Fluorophenol	45% - 91%	16% - 79%
Phenol-d5	41% - 102%	10% - 79%
Nitrobenzene-d5	51% - 101%	45% - 93%
2-Fluorobiphenyl	57% - 111%	14% - 90%
2,4,6-Tribromophenol	53% - 108%	49% - 101%
Terphenyl-d14	61% - 111%	47% - 107%

Comments:

Signature: _____

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
Client Job Number:	N/A		
Field Location:	N/A	**Date Sampled:**	N/A
Field ID Number:	N/A	**Date Received:**	N/A
Sample Type:	Water	**Date Analyzed:**	12/26/2006

Lab Sample Number: LCS

Laboratory Spike Recovery Table

Spiked Compound	Spike Conc	% Recovery	Soil QC Limits	Water QC Limits
1,4-Dichlorobenzene	50.0 ug / L	39.4	57% - 95%	23% - 74%
n-Nitroso-di-n-propylamine	50.0 ug / L	64.0	58% - 99%	19% - 117%
1,2,4-Trichlorobenzene	50.0 ug / L	46.4	57% - 102%	32% - 75%
Acenaphthene	50.0 ug / L	62.5	67% - 105%	57% - 95%
2,4-Dinitrotoluene	50.0 ug / L	72.7	42% - 127%	49% - 110%
Pyrene	50.0 ug / L	72.7	72% - 113%	62% - 108%

ELAP Number 10958

Method: EPA 8270C

Comments: ND denotes Not Spiked
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

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ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
Client Job Number:	N/A		
Field Location:	MW-210 MS	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/26/2006

Lab Sample Number: 12788

Laboratory Spike Recovery Table

Spiked Compound	Spike Conc	% Recovery	Soil QC Limits	Water QC Limits
1,4-Dichlorobenzene	50.0 ug / L	46.3	57% - 95%	23% - 74%
n-Nitroso-di-n-propylamine	50.0 ug / L	61.0	58% - 99%	19% - 117%
1,2,4-Trichlorobenzene	50.0 ug / L	56.8	57% - 102%	32% - 75%
Acenaphthene	50.0 ug / L	65.8	67% - 105%	57% - 95%
2,4-Dinitrotoluene	50.0 ug / L	74.8	42% - 127%	49% - 110%
Pyrene	50.0 ug / L	76.1	72% - 113%	62% - 108%

ELAP Number 10958

Method: EPA 8270C

Comments: ND denotes Not Spiked
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger, Technical Director

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179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report

Client: Bergmann Associates

Client Job Site:	Proposed Development Lyell Ave	**Lab Project Number:**	06-3848
Client Job Number:	N/A		
Field Location:	MW-210 MSD	**Date Sampled:**	12/19/2006
Field ID Number:	N/A	**Date Received:**	12/20/2006
Sample Type:	Water	**Date Analyzed:**	12/26/2006

Lab Sample Number: 12789

Laboratory Spike Recovery Table

Spiked Compound	Spike Conc	% Recovery	Soil QC Limits	Water QC Limits
1,4-Dichlorobenzene	50.0 ug / L	45.8	57% - 95%	23% - 74%
n-Nitroso-di-n-propylamine	50.0 ug / L	60.0	58% - 99%	19% - 117%
1,2,4-Trichlorobenzene	50.0 ug / L	54.9	57% - 102%	32% - 75%
Acenaphthene	50.0 ug / L	70.0	67% - 105%	57% - 95%
2,4-Dinitrotoluene	50.0 ug / L	70.5	42% - 127%	49% - 110%
Pyrene	50.0 ug / L	72.0	72% - 113%	62% - 108%

ELAP Number 10958

Method: EPA 8270C

Comments: ND denotes Not Spiked
ug / L = microgram per Liter

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: BERGMANN ASSOCIATES
ADDRESS: 28 E. MAIN ST SUITE 200
CITY: ROCHESTER STATE: NY ZIP: 14614
PHONE: 232-5135 FAX: 232-4652
ATTN: JIM MARSCHNER

INVOICE TO:
COMPANY: SAME
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 06-3848
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS) STD OTHER
1 2 3 X 5
QUOTE #:

PROJECT NAME/SITE NAME: PROPOSED DEVELOPMENT LYELL AVE

COMMENTS: EVAL SURROGATE RECOVERY AND MS/MSD RECOVERY QC PKG: RUN APPROPRIATE METHOD BLANKS, LAB CONTROL SAMPLE PER RUN REPORT TO INCL ALL QA/QC RESULTS

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260 TCL + STARS	8270 SIM 5 PAH's								REMARKS	PARADIGM LAB SAMPLE NUMBER
1 12/19/06	1040			DB-309-3	AQ	3	X	X									12786
2 12/19/06	1130			MW-210	AQ	3	X	X									12787
3 12/19/06	1130			MW-210 MS	AQ	3	X	X									12788
4 12/19/06	1130			MW-210 MSD	AQ	3	X	X									12789
5 12/19/06	1330			MW-211	AQ	3	X	X									12790
6 12/19/06	1420			MW-205	AQ	3	X	X									12791
7 12/19/06				RINSE BLANK	AQ	2	X										12792
8 —	—			MW TRIP BLANK	AQ	1	X										12793
9 12/19/06	1620			OW-105	AQ	3	X	X									12794
10 12/19/06	1620			OW-105 DUP.	AQ	5	X	X									12795

****LAB USE ONLY BELOW THIS LINE****

4 → 1 rec'd vial OW-105 Dup rec'd broken at lab EAH 12/20

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y X	N
Comments:		
Preservation:	Y X	N
Comments:		
Holding Time:	Y X	N
Comments:		
Temperature:	Y X	N
Comments: 0°C iced		

Sampled By — 12/19/06 AS ABOVE — Date/Time

Relinquished By — 12/20/06 @ 0935 — Date/Time

Received By — 12/20/06 @ 935AM — Date/Time

Received @ Lab By — Elizabeth A. Hanck 12/20/06 1035 — Date/Time

Total Cost:

P.I.F.