

NYS Department of Environmental Conservation

Region 8 Freedom of Information Law

6274 East Avon-Lima Road

Avon, New York 14414-9519

Website: www.dec.state.ny.gov



Joe Martens
Commissioner

9/13/2012

David Vaala
Labella Associates Pc
300 State Street, Suite 201
Rochester, NY 14614

FOIL ID: 12-0900

Subject: Delphi Auto Systems, 1000 Lexington Avenue, Rochester, NY

Dear Mr. Vaala:

Your request has been reviewed for the above referenced records under the New York State's Freedom of Information Law (FOIL). Please note that most of our records are filed by names of individuals or corporations. We have no way of locating or retrieving records if they are filed under names or addresses other than those you have provided. If no records have been located, this does not necessarily mean, and should not be interpreted to mean that there have never been any violations, complaints, claims, investigations, or inquiries involving those names or addresses. We cannot make any representations as to whether there are or have been any such violations, complaints, claims, investigations, or inquiries.

Please Note: Unless you gave us a spill number, we did not do a search of the spills files. We did not inquire whether the Albany office or other regional offices of our Department have records of the type you requested. We did not check for the existence or proximity to a State regulated wetland.

☐

After a diligent search, no records could be located for the names and/or addresses you provided.

☒

Records have been found by the following units and are available for review and/or copying. The size of the file(s) are listed to the right of the unit(s).

Air - 0.1 inches

HWR - 72 inches

RCRA - 1.5 inches

Spills/PBS - 1 inches

Total: 74.6 inches

Please contact Teri Cotter at (585) 226-5353 to schedule an appointment to review the records.

There is no charge to review records or for copies of seven or fewer pages. By law, copy charges will not exceed 25 cents per page or the actual cost of copying. Photographs, maps, oversized documents, videotapes, or audio tapes generally cost more than 25 cents per page to copy. You may be required to pay a deposit prior to copies being made and/or to pay all copy charges prior to copies being sent.

Depending on the volume of copies requested, they may be sent to an outside copy service. If you desire to review the records, please be aware that due to limited office space, only two people can be accommodated in the document review area.

Please inform us within 14 days from the date of this letter how you wish to proceed. After that time you will need to resubmit your request.



22 October 2012
File No. 70014-105

Todd Caffoe
Environmental Engineer II
NYSDEC Region 8
6274 East Avon-Lima Road
Avon, New York 14414-9519

Subject: Results of 2012 Groundwater Sampling
Delphi Automotive Systems, Site #828064
1000 Lexington Avenue
Rochester, New York

Dear Mr. Caffoe:

This letter is submitted on behalf of General Motors Components Holding, LLC (GMCH) to present the recent sampling and analysis results collected at the Delphi Automotive Systems Site #828064 (Site). The final laboratory reports and data validation summary reports, prepared by ALS Environmental and Conestoga-Rovers Associates are attached for your reference. The 2012 sampling event included the measurement of groundwater and LNAPL levels in representative wells installed in the overburden, shallow, intermediate and deep bedrock water bearing units. The well locations were selected to evaluate the effectiveness of the existing groundwater migration control systems to mitigate the off-site migration of the site contaminants of concern (COC).

Well ID	Water Bearing Unit	Well Location
DR-105	Deep Bedrock	Upgradient and below the Blasted Bedrock Migration Control Trench
DR-109	Deep Bedrock	Downgradient and below the Blasted Bedrock Migration Control Trench
DR-132	Deep Bedrock	Upgradient and below the Stoddard Tank Farm Overburden Migration Control Trench
PZ-111, PZ-112, PZ-113	Overburden	Downgradient from Stoddard Tank Farm Overburden Migration Control Trench
PZ-134, PZ-136, PZ-138, PZ-141	Overburden	Downgradient of the Blasted Bedrock Migration Control Trench
R-107, R-303, R-304	Intermediate Bedrock	
R-306, R-401, R-403	Intermediate Bedrock	Downgradient of the Blasted Bedrock Migration Control Trench
SR-101, SR-2	Shallow Bedrock	Background Water Quality – Upgradient of Facility
SR-3	Shallow Bedrock	Property Boundary – East Parking Lot
SR-303	Shallow Bedrock	Downgradient of the Blasted Bedrock Migration Control Trench

Table I provides a list of the wells gauged for groundwater and LNAPL levels and provides a list of wells that were sampled for volatile organic compounds (VOCs) using low-flow low stress sampling protocols. Table II provides a summary of the laboratory analytical results compared with the most recent prior sampling results.

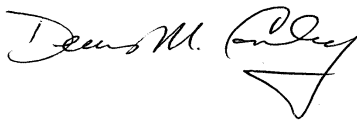
COCs identified in the groundwater that exceeded the New York State Department of Environmental Conservation (NYSDEC) Class GA Standards and Guidance (TOGS 1.1.1) was as follows:

- Petroleum-Related Compounds: Benzene and xylene were detected in deep bedrock wells DR-105, DR-109, and/or DR-132. The detection of petroleum-related compounds in the deep rock water bearing unit is due the presence of these compounds in the Rochester Shale Unit which underlies the Site. Isopropyl benzene was also detected in PZ-112 which is likely from the former Stoddard Solvent Tank Farm.
- Chlorinated Compounds: The chlorinated compounds, vinyl chloride and cis-1,2-dichloroethene, which are breakdown products of tetrachloroethene (PCE) were identified in wells PZ-134, PZ-141, R-304, R-306, R-401, and/or R-403.

Detected concentrations of the VOCs in the wells PZ-134, PZ-141, R-306, R-401, and R-403 either remained consistent with or decreased from the concentrations observed in 2010 with the exception of PZ-134 which showed a slight increase. These data indicate that the migration control systems currently operating at the Site continue to be effective in mitigating off-site migration of the Site COCs in groundwater.

If you have any questions concerning the information in this letter or wish to discuss these data further, do not hesitate to contact us at 585.321.4219.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK



Denis Conley
Project Manager

Attachments:
Table I – List of Wells Sampled
Table II – Summary of Groundwater Analytical Results

G:\Projects\70014\105\2012 GW Sampling\2012_1022_NYSDEC GW Summary Cover Letter_F.docx

TABLE I
SUMMARY OF 2012 GROUNDWATER SAMPLING EVENT
FORMER DELPHI AUTOMOTIVE SYSTEMS SITE #828064
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

Well ID	Water Levels (ft)	Water Levels (elevation)	LNAPL Thickness (inches)	Sample Date
DR-105	22.76	491.16	ND	5/22/2012
DR-109	58.11	442.82	ND	5/23/2012
DR-132	35.61	No Data	ND	5/24/2012
PZ-111	13.38	496.6	ND	5/25/2012
PZ-112	13	497.45	ND	5/24/2012
PZ-113	11.24	498.93	ND	5/24/2012
PZ-114	8.76	502.38	0.42	--
PZ-115	12.1	497.18	ND	--
PZ-118	8.15	505.53	ND	--
PZ-121	8.17	502.67	0.81	--
PZ-123	13.39	500.83	ND	--
PZ-124	5.4	504.91	ND	--
PZ-125	9.05	502.99	ND	--
PZ-126	10.19	501.61	ND	--
PZ-132	12.23	503.42	ND	--
PZ-134	21.9	479.9	ND	5/23/2012
PZ-136	25.2	481.75	ND	5/23/2012
PZ-138	24.5	482.96	ND	5/24/2012
PZ-139	26.94	483.39	ND	--
PZ-140	16.73	483.11	ND	--
PZ-141	10.7	486.62	ND	5/23/2012
PZ-143	17.2	497.52	ND	--
PZ-144	17.44	495.19	ND	--
R-101	6.08	508.64	ND	--
R-102	37.2	478.82	ND	--
R-103	35.96	478	ND	--
R-105	35.96	477.69	ND	--
R-105-R	35.59	474.3	ND	--
R-107	25.25	477.48	ND	5/23/2012
R-108	24.74	479.11	ND	--
R-109	19.06	481.47	ND	--
R-110	21.49	480.35	ND	--
R-132	38.55	477.2	ND	--
R-2	26.55	490	ND	--
R-234	26.88	488.55	ND	--
R-235	30.85	488.04	1.33	--
R-236	31.44	483.52	6.19	--
R-237	28.33	485.87	4.3	--
R-238	25.75	484.71	ND	--
R-239	26.03	479.36	ND	--

TABLE I
SUMMARY OF 2012 GROUNDWATER SAMPLING EVENT
FORMER DELPHI AUTOMOTIVE SYSTEMS SITE #828064
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

Well ID	Water Levels (ft)	Water Levels (elevation)	LNAPL Thickness (inches)	Sample Date
R-240	33.12	477.54	ND	--
R-241	28.5	484	2.4	--
R-243	27.23	487.22	ND	--
R-244	26.98	487.35	ND	--
R-3	18.1	503.8	ND	--
R-302	7.11	No Data	ND	--
R-303	13.6	No Data	ND	5/23/2012
R-304	15.6	480.84	ND	5/25/2012
R-305	23.24	484.15	1.09	--
R-306	28.91	487.65	ND	5/24/2012
R-307	23.98	487.74	ND	--
R-308	28.3	No Data	ND	--
R-309	31.42	No Data	ND	--
R-401	19.03	485.73	ND	5/24/2012
R-402	24.95	488.25	ND	--
R-403	22.6	No Data	ND	5/25/2012
RW-101	9.08	505.25	ND	--
RW-2	32.1	479.79	1.25	--
RW-3	18.89	492.17	ND	--
RW-4	7.11	496.89	ND	--
SR-101	7.79	506.55	ND	5/22/2012
SR-102	28	487.91	7.35	--
SR-103	33.25	480.7	ND	--
SR-105	31.28	482.47	ND	--
SR-107	17.3	485.23	ND	--
SR-11	18.4	515	ND	--
SR-132	17.66	497.89	ND	--
SR-2	9.72	506.61	ND	5/24/2012
SR-233	4.6	516.4	ND	--
SR-235	13.11	505.81	ND	--
SR-3	9.01	513.09	ND	5/22/2012
SR-301	14.92	No Data	ND	--
SR-303	10.3	No Data	ND	5/23/2012
SR-308	13.73	No Data	ND	--
SR-318	27.2	No Data	8.8	--
SR-402	19.03	494.21	ND	--

1. ND = Not Detected

2. -- = Not Sampled

3. No Data = Elevation data to be confirmed

TABLE II
SUMMARY OF 2012 GROUNDWATER ANALYTICAL RESULTS
FORMER DELPHI AUTOMOTIVE SYSTEMS SITE #828064
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

Page 1 of 3

LOCATION SAMPLE TYPE DATE	TOGS 1.1.1	DR-105 N 5/22/2012	DR-109 N 5/23/2012	DR-132 N 5/24/2012	PZ-111 N 5/25/2012	PZ-112 N 5/24/2012	PZ-113 N 5/24/2012
Volatile Organic Compounds (ug/L)							
	5	13 U	13 U	10 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	50	24 J	12 J	20 U	10 U	10 U	1.3 J
2-Hexanone	50	25 U	25 U	20 U	10 U	0.69 J	10 U
4-Methyl-2-pentanone	-	25 U	25 U	20 U	10 U	0.27 J	10 U
Acetone	50	120	45	20 U	10 U	5.8 J	8.2 J
Benzene	1	33	18	280	5.0 U	0.45 J	5.0 U
Carbon disulfide	-	25 U	25 U	2.1 J	10 U	0.49 J	10 U
Cyclohexane	-	25 U	25 U	20 U	10 U	10 U	0.25 J
Isopropyl benzene	5	13 U	13 U	10 U	5.0 U	15	5.0 U
Methyl tert butyl ether (MTBE)	-	13 U	13 U	10 U	5.0 U	5.0 U	0.49 J
Methyl cyclohexane	-	25 U	25 U	20 U	10 U	0.29 J	10 U
Toluene	5	3.7 J	3.7 J	1.2 J	5.0 U	5.0 U	5.0 U
Trichloroethene	5	13 U	13 U	10 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	13 U	13 U	10 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5	13 U	13 U	10 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	5	13 U	13 U	8.4 J	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5	13 U	13 U	10 U	5.0 U	5.0 U	5.0 U

Notes and Abbreviations:

1. Results in **red** indicates result is greater than TOGS 111.
2. Only detected analytes are shown on table.
3. U - Not detected above shown reporting limit
J - Estimated result
4. Results in **bold** were detected.
5. Sample Types: N - Normal Sample, FD - Field Duplicate
6. 2010 Groundwater sampling results are shown for wells sampled in 2012.

TABLE II
SUMMARY OF 2012 GROUNDWATER ANALYTICAL RESULT
FORMER DELPHI AUTOMOTIVE SYSTEMS SITE #828064
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

Page 2 of 3

LOCATION SAMPLE TYPE DATE	TOGS 1.1.1	PZ-134 N 5/23/2012	PZ-136 N 5/23/2012	PZ-138 FD N 5/24/2012 5/24/2012		PZ-141 N 5/23/2012	R-107 N 5/23/2012	R-303 N 5/23/2012	R-304 N 5/25/2012
Volatile Organic Compounds (ug/L)									
	5	0.58 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.25 J	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	50	10 U	0.84 J	10 U	10 U	10 U	0.53 J	10 U	10 U
2-Hexanone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	-	10 U	0.31 J	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50	10 U	2.2 J	0.98 J	1.3 J	10 U	1.4 J	10 U	1.8 J
Benzene	1	5.0 U	5.0 U	5.0 U	5.0 U	0.53 J	5.0 U	5.0 U	5.0 U
Carbon disulfide	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropyl benzene	5	5.0 U	3.7 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert butyl ether (MTBE)	-	0.31 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl cyclohexane	-	10 U	0.70 J	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	0.25 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.1 J
Vinyl chloride	2	130	5.0 U	0.87 J	0.84 J	18	5.0 U	5.0 U	1.1 J
cis-1,2-Dichloroethene	5	160	5.0 U	0.44 J	0.41 J	100	5.0 U	1.6 J	7.2
Xylenes (total)	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5	0.39 J	5.0 U	5.0 U	5.0 U	1.1 J	5.0 U	5.0 U	5.0 U

Notes and Abbreviations:

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2. Only detected analytes are shown on table.
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J - Estimated result
4. Results in **bold** were detected.
5. Sample Types: N - Normal Sample, FD - Field Duplicate
6. 2010 Groundwater sampling results are shown for wells sampled in 2012.

TABLE II
SUMMARY OF 2012 GROUNDWATER ANALYTICAL RESULT
FORMER DELPHI AUTOMOTIVE SYSTEMS SITE #828064
1000 LEXINGTON AVENUE
ROCHESTER, NEW YORK

Page 3 of 3

LOCATION SAMPLE TYPE DATE	TOGS 1.1.1	R-306 N 5/24/2012	R-401 N 5/24/2012	R-403 N 5/25/2012	SR-101 N 5/22/2012	SR-2 N 5/24/2012	SR-3 N 5/22/2012	SR-303 N 5/23/2012
Volatile Organic Compounds (ug/L)								
	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	50	1.4 J	1.6 J	1.5 J	10 U	10 U	10 U	10 U
Benzene	1	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon disulfide	-	0.28 J	0.23 J	0.22 J	10 U	10 U	10 U	10 U
Cyclohexane	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropyl benzene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert butyl ether (MTBE)	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl cyclohexane	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	1.0 J	0.81 J	0.94 J	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	0.93 J	0.59 J	0.79 J	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5	6.8	5.9	6.3	5.0 U	5.0 U	5.0 U	5.0 U
Xylenes (total)	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Notes and Abbreviations:

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6. 2010 Groundwater sampling results are shown for wells sampled in 2012.



June 11, 2012

Service Request No: R1203357

Ms. Kathy Willy
Conestoga-Rovers & Associates, Incorporated
2055 Niagara Falls Blvd., Suite 3
Niagara Falls, NY 14304

Laboratory Results for: Site 255 GMCH-1000 Lexington Avenue/058507-255003

Dear Ms. Willy:

Enclosed are the results of the sample(s) submitted to our laboratory on May 25, 2012. For your reference, these analyses have been assigned our service request number **R1203357**.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAP standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s) for analysis of these samples, and represented by Laboratory Control Sample control limits. Any events, such as QC failures, which may add to the uncertainty are explained in the report narrative.

Please contact me if you have any questions. My extension is 7473. You may also contact me via email at DPatton@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc. dba ALS Environmental

Deb Patton
Project Manager

Page 1 of 63



ADDRESS 1565 Jefferson Rd, Building 300, Suite 360, Rochester, NY 14623

PHONE 585-288-5380 | FAX 585-288-8475

Columbia Analytical Services, Inc.

Part of the ALS Group A Campbell Brothers Limited Company

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Conestoga-Rovers & Associates
Project: Site 255 1000 Lexington Ave 058507-255003
Sample Matrix: Water

Service Request No.: R1203357
Date Received: 5/25/12

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 II. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Twenty-two water samples were received for analysis at Columbia Analytical Services on 5/25/12. The samples were received in good condition consistent with the accompanying chain of custody (COC) form enclosed. The samples were received within the 0-6°C temperature guidelines.

Volatile Organics

The Initial Calibration and Initial Calibration Verification analyzed on 5/16/12 did not meet the minimum response factor for Trichloroethene. All data is considered as acceptable as the MRL is verified by the low standard in the calibration.

The Continuing Calibration Verification (CCV) standard exceeded 20% difference for 1,2,4-Trichlorobenzene on 5/31/12 and 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, Bromoform and Chloromethane on 6/1/12. All detected concentrations for these compounds in samples associated with their relevant CCV should be considered as estimated.

The 5/31/12 Method Blank (RQ1205989-03) contained a low level hit for Chloromethane. This has been flagged with a "J". No data was affected.

Samples 3382-052212-1720 (R1203357-004) and 3385-052312-1140 (R1203357-007) were analyzed at a dilution due to the foamy viscous nature of the samples.

Hits between the MRL and MDL have been flagged with a "J".

No other analytical or QC problems were encountered.

Approved by

J. Patten

Date

6/8/12

00002

CASE NARRATIVE

This report contains analytical results for the following samples:
Service Request Number: R1203357

<u>Lab ID</u>	<u>Client ID</u>
R1203357-001	3382-052212-1455
R1203357-002	3382-052212-0001
R1203357-003	3382-052212-1610
R1203357-004	3382-052212-1720
R1203357-005	3382-052312-0900
R1203357-006	3382-052312-1050
R1203357-007	3382-052312-1140
R1203357-008	3382-052312-1345
R1203357-009	3382-052312-1430
R1203357-010	3382-052312-1610
R1203357-011	3382-052312-1710
R1203357-012	3382-052412-0900
R1203357-013	3382-052412-0001
R1203357-014	3382-052412-1005
R1203357-015	3382-052412-1125
R1203357-016	PZ-113
R1203357-017	R-401
R1203357-018	PZ-111
R1203357-019	R-306
R1203357-020	SR-2
R1203357-021	R-304
R1203357-022	R-403

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/22/12 1455
 Date Received: 5/25/12
 Date Analyzed: 5/31/12 15:52

Sample Name: 3382-052212-1455
 Lab Code: R1203357-001

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6850.D\

Analysis Lot: 293931
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: 5/22/12 1455
Date Received: 5/25/12
Date Analyzed: 5/31/12 15:52

Sample Name: 3382-052212-1455
Lab Code: R1203357-001

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6850.D\

Analysis Lot: 293931
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85-122	5/31/12 15:52	
Dibromofluoromethane	94	89-119	5/31/12 15:52	
Toluene-d8	100	87-121	5/31/12 15:52	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/22/12
 Date Received: 5/25/12
 Date Analyzed: 5/31/12 16:20

Sample Name: 3382-052212-0001
 Lab Code: R1203357-002

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6851.D\

Analysis Lot: 293931
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	1.0 J	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/22/12
 Date Received: 5/25/12
 Date Analyzed: 5/31/12 16:20

Sample Name: 3382-052212-0001
 Lab Code: R1203357-002

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6851.D\

Analysis Lot: 293931
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85-122	5/31/12 16:20	
Dibromofluoromethane	95	89-119	5/31/12 16:20	
Toluene-d8	100	87-121	5/31/12 16:20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/22/12 1610
 Date Received: 5/25/12
 Date Analyzed: 5/31/12 16:49

Sample Name: 3382-052212-1610
 Lab Code: R1203357-003

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6852.D\

Analysis Lot: 293931
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: 5/22/12 1610
Date Received: 5/25/12
Date Analyzed: 5/31/12 16:49

Sample Name: 3382-052212-1610
Lab Code: R1203357-003

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6852.D\

Analysis Lot: 293931
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85-122	5/31/12 16:49	
Dibromofluoromethane	93	89-119	5/31/12 16:49	
Toluene-d8	97	87-121	5/31/12 16:49	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/22/12 1720
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 10:58

Sample Name: 3382-052212-1720
 Lab Code: R1203357-004

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6891.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 2.5

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	13	U	13	0.58	
79-34-5	1,1,2,2-Tetrachloroethane	13	U	13	0.50	
79-00-5	1,1,2-Trichloroethane	13	U	13	0.58	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U	13	0.78	
75-34-3	1,1-Dichloroethane (1,1-DCA)	13	U	13	0.50	
75-35-4	1,1-Dichloroethene (1,1-DCE)	13	U	13	0.73	
120-82-1	1,2,4-Trichlorobenzene	13	U	13	0.65	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	13	U	13	0.95	
106-93-4	1,2-Dibromoethane	13	U	13	0.50	
95-50-1	1,2-Dichlorobenzene	13	U	13	0.50	
107-06-2	1,2-Dichloroethane	13	U	13	0.50	
78-87-5	1,2-Dichloropropane	13	U	13	0.71	
541-73-1	1,3-Dichlorobenzene	13	U	13	0.50	
106-46-7	1,4-Dichlorobenzene	13	U	13	0.50	
78-93-3	2-Butanone (MEK)	24	J	25	1.3	
591-78-6	2-Hexanone	25	U	25	0.88	
108-10-1	4-Methyl-2-pentanone	25	U	25	0.68	
67-64-1	Acetone	120		25	2.5	
71-43-2	Benzene	33		13	0.53	
75-27-4	Bromodichloromethane	13	U	13	0.50	
75-25-2	Bromoform	13	U	13	0.68	
74-83-9	Bromomethane	13	U	13	0.78	
75-15-0	Carbon Disulfide	25	U	25	0.50	
56-23-5	Carbon Tetrachloride	13	U	13	0.68	
108-90-7	Chlorobenzene	13	U	13	0.50	
75-00-3	Chloroethane	13	U	13	0.78	
67-66-3	Chloroform	13	U	13	0.55	
74-87-3	Chloromethane	13	U	13	0.60	
110-82-7	Cyclohexane	25	U	25	0.60	
124-48-1	Dibromochloromethane	13	U	13	0.50	
75-71-8	Dichlorodifluoromethane (CFC 12)	13	U	13	1.5	
75-09-2	Dichloromethane	13	U	13	0.55	
100-41-4	Ethylbenzene	13	U	13	0.50	
98-82-8	Isopropylbenzene (Cumene)	13	U	13	0.50	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/22/12 1720
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 10:58

Sample Name: 3382-052212-1720
 Lab Code: R1203357-004

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6891.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 2.5

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	25 U	25	0.58	
1634-04-4	Methyl tert-Butyl Ether	13 U	13	0.50	
108-87-2	Methylcyclohexane	25 U	25	0.63	
100-42-5	Styrene	13 U	13	0.50	
127-18-4	Tetrachloroethene (PCE)	13 U	13	0.50	
108-88-3	Toluene	3.7 J	13	0.50	
79-01-6	Trichloroethene (TCE)	13 U	13	0.58	
75-69-4	Trichlorofluoromethane (CFC 11)	13 U	13	0.50	
75-01-4	Vinyl Chloride	13 U	13	0.58	
1330-20-7	Xylenes, Total	13 U	13	1.0	
156-59-2	cis-1,2-Dichloroethene	13 U	13	0.50	
10061-01-5	cis-1,3-Dichloropropene	13 U	13	0.50	
156-60-5	trans-1,2-Dichloroethene	13 U	13	0.50	
10061-02-6	trans-1,3-Dichloropropene	13 U	13	0.50	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85-122	6/1/12 10:58	
Dibromofluoromethane	96	89-119	6/1/12 10:58	
Toluene-d8	100	87-121	6/1/12 10:58	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/23/12 0900
 Date Received: 5/25/12
 Date Analyzed: 5/31/12 17:44

Sample Name: 3382-052312-0900
 Lab Code: R1203357-005

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6854.D\

Analysis Lot: 293931
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	0.53 J	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: 5/23/12 0900
Date Received: 5/25/12
Date Analyzed: 5/31/12 17:44

Sample Name: 3382-052312-0900
Lab Code: R1203357-005

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6854.D\

Analysis Lot: 293931
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	18	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	100	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	1.1 J	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85-122	5/31/12 17:44	
Dibromofluoromethane	97	89-119	5/31/12 17:44	
Toluene-d8	102	87-121	5/31/12 17:44	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/23/12 1050
 Date Received: 5/25/12
 Date Analyzed: 5/31/12 23:17

Sample Name: 3382-052312-1050
 Lab Code: R1203357-006

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6866.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	0.58 J	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/23/12 1050
 Date Received: 5/25/12
 Date Analyzed: 5/31/12 23:17

Sample Name: 3382-052312-1050
 Lab Code: R1203357-006

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6866.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	0.31 J	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	0.25 J	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	130	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	160	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	0.39 J	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85-122	5/31/12 23:17	
Dibromofluoromethane	98	89-119	5/31/12 23:17	
Toluene-d8	103	87-121	5/31/12 23:17	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/23/12 1140
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 11:25

Sample Name: 3382-052312-1140
 Lab Code: R1203357-007

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6892.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 2.5

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	13 U	13	0.58	
79-34-5	1,1,2,2-Tetrachloroethane	13 U	13	0.50	
79-00-5	1,1,2-Trichloroethane	13 U	13	0.58	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13 U	13	0.78	
75-34-3	1,1-Dichloroethane (1,1-DCA)	13 U	13	0.50	
75-35-4	1,1-Dichloroethene (1,1-DCE)	13 U	13	0.73	
120-82-1	1,2,4-Trichlorobenzene	13 U	13	0.65	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	13 U	13	0.95	
106-93-4	1,2-Dibromoethane	13 U	13	0.50	
95-50-1	1,2-Dichlorobenzene	13 U	13	0.50	
107-06-2	1,2-Dichloroethane	13 U	13	0.50	
78-87-5	1,2-Dichloropropane	13 U	13	0.71	
541-73-1	1,3-Dichlorobenzene	13 U	13	0.50	
106-46-7	1,4-Dichlorobenzene	13 U	13	0.50	
78-93-3	2-Butanone (MEK)	12 J	25	1.3	
591-78-6	2-Hexanone	25 U	25	0.88	
108-10-1	4-Methyl-2-pentanone	25 U	25	0.68	
67-64-1	Acetone	45	25	2.5	
71-43-2	Benzene	18	13	0.53	
75-27-4	Bromodichloromethane	13 U	13	0.50	
75-25-2	Bromoform	13 U	13	0.68	
74-83-9	Bromomethane	13 U	13	0.78	
75-15-0	Carbon Disulfide	25 U	25	0.50	
56-23-5	Carbon Tetrachloride	13 U	13	0.68	
108-90-7	Chlorobenzene	13 U	13	0.50	
75-00-3	Chloroethane	13 U	13	0.78	
67-66-3	Chloroform	13 U	13	0.55	
74-87-3	Chloromethane	13 U	13	0.60	
110-82-7	Cyclohexane	25 U	25	0.60	
124-48-1	Dibromochloromethane	13 U	13	0.50	
75-71-8	Dichlorodifluoromethane (CFC 12)	13 U	13	1.5	
75-09-2	Dichloromethane	13 U	13	0.55	
100-41-4	Ethylbenzene	13 U	13	0.50	
98-82-8	Isopropylbenzene (Cumene)	13 U	13	0.50	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/23/12 1140
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 11:25

Sample Name: 3382-052312-1140
 Lab Code: R1203357-007

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6892.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 2.5

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	25 U	25	0.58	
1634-04-4	Methyl tert-Butyl Ether	13 U	13	0.50	
108-87-2	Methylcyclohexane	25 U	25	0.63	
100-42-5	Styrene	13 U	13	0.50	
127-18-4	Tetrachloroethene (PCE)	13 U	13	0.50	
108-88-3	Toluene	3.7 J	13	0.50	
79-01-6	Trichloroethene (TCE)	13 U	13	0.58	
75-69-4	Trichlorofluoromethane (CFC 11)	13 U	13	0.50	
75-01-4	Vinyl Chloride	13 U	13	0.58	
1330-20-7	Xylenes, Total	13 U	13	1.0	
156-59-2	cis-1,2-Dichloroethene	13 U	13	0.50	
10061-01-5	cis-1,3-Dichloropropene	13 U	13	0.50	
156-60-5	trans-1,2-Dichloroethene	13 U	13	0.50	
10061-02-6	trans-1,3-Dichloropropene	13 U	13	0.50	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85-122	6/1/12 11:25	
Dibromofluoromethane	98	89-119	6/1/12 11:25	
Toluene-d8	99	87-121	6/1/12 11:25	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/23/12 1345
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 11:53

Sample Name: 3382-052312-1345
 Lab Code: R1203357-008

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6893.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	0.25 J	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: 5/23/12 1345
Date Received: 5/25/12
Date Analyzed: 6/1/12 11:53

Sample Name: 3382-052312-1345
Lab Code: R1203357-008

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6893.D\

Analysis Lot: 294176
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	1.6 J	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85-122	6/1/12 11:53	
Dibromofluoromethane	95	89-119	6/1/12 11:53	
Toluene-d8	101	87-121	6/1/12 11:53	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/23/12 1430
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 00:40

Sample Name: 3382-052312-1430
 Lab Code: R1203357-009

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6869.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: 5/23/12 1430
Date Received: 5/25/12
Date Analyzed: 6/1/12 00:40

Sample Name: 3382-052312-1430
Lab Code: R1203357-009

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6869.D\

Analysis Lot: 293934
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85-122	6/1/12 00:40	
Dibromofluoromethane	96	89-119	6/1/12 00:40	
Toluene-d8	102	87-121	6/1/12 00:40	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/23/12 1610
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 12:21

Sample Name: 3382-052312-1610
 Lab Code: R1203357-010

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6894.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	0.84 J	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	0.31 J	10	0.27	
67-64-1	Acetone	2.2 J	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	3.7 J	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/23/12 1610
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 12:21

Sample Name: 3382-052312-1610
 Lab Code: R1203357-010

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6894.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	0.70 J	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85-122	6/1/12 12:21	
Dibromofluoromethane	93	89-119	6/1/12 12:21	
Toluene-d8	98	87-121	6/1/12 12:21	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: 5/23/12 1710
Date Received: 5/25/12
Date Analyzed: 6/1/12 01:36

Sample Name: 3382-052312-1710
Lab Code: R1203357-011

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6871.D\

Analysis Lot: 293934
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	0.53 J	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	1.4 J	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: 5/23/12 1710
Date Received: 5/25/12
Date Analyzed: 6/1/12 01:36

Sample Name: 3382-052312-1710
Lab Code: R1203357-011

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6871.D\

Analysis Lot: 293934
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10	U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	0.20	
108-87-2	Methylcyclohexane	10	U	10	0.25	
100-42-5	Styrene	5.0	U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	0.20	
108-88-3	Toluene	5.0	U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0	U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0	U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85-122	6/1/12 01:36	
Dibromofluoromethane	95	89-119	6/1/12 01:36	
Toluene-d8	100	87-121	6/1/12 01:36	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 0900
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 12:48

Sample Name: 3382-052412-0900
 Lab Code: R1203357-012

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6895.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	1.3 J	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 0900
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 12:48

Sample Name: 3382-052412-0900
 Lab Code: R1203357-012

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6895.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	0.84 J	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	0.41 J	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85-122	6/1/12 12:48	
Dibromofluoromethane	94	89-119	6/1/12 12:48	
Toluene-d8	99	87-121	6/1/12 12:48	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 0900
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 13:16

Sample Name: 3382-052412-0001
 Lab Code: R1203357-013

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6896.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	0.98 J	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 0900
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 13:16

Sample Name: 3382-052412-0001
 Lab Code: R1203357-013

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6896.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	0.87 J	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	0.44 J	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85-122	6/1/12 13:16	
Dibromofluoromethane	95	89-119	6/1/12 13:16	
Toluene-d8	101	87-121	6/1/12 13:16	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 1005
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 17:54

Sample Name: 3382-052412-1005
 Lab Code: R1203357-014

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6906.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 2

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	10 U	10	0.46	
79-34-5	1,1,2,2-Tetrachloroethane	10 U	10	0.40	
79-00-5	1,1,2-Trichloroethane	10 U	10	0.46	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10 U	10	0.62	
75-34-3	1,1-Dichloroethane (1,1-DCA)	10 U	10	0.40	
75-35-4	1,1-Dichloroethene (1,1-DCE)	10 U	10	0.58	
120-82-1	1,2,4-Trichlorobenzene	10 U	10	0.52	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	10 U	10	0.76	
106-93-4	1,2-Dibromoethane	10 U	10	0.40	
95-50-1	1,2-Dichlorobenzene	10 U	10	0.40	
107-06-2	1,2-Dichloroethane	10 U	10	0.40	
78-87-5	1,2-Dichloropropane	10 U	10	0.56	
541-73-1	1,3-Dichlorobenzene	10 U	10	0.40	
106-46-7	1,4-Dichlorobenzene	10 U	10	0.40	
78-93-3	2-Butanone (MEK)	20 U	20	1.1	
591-78-6	2-Hexanone	20 U	20	0.70	
108-10-1	4-Methyl-2-pentanone	20 U	20	0.54	
67-64-1	Acetone	20 U	20	2.0	
71-43-2	Benzene	280	10	0.42	
75-27-4	Bromodichloromethane	10 U	10	0.40	
75-25-2	Bromoform	10 U	10	0.54	
74-83-9	Bromomethane	10 U	10	0.62	
75-15-0	Carbon Disulfide	2.1 J	20	0.40	
56-23-5	Carbon Tetrachloride	10 U	10	0.54	
108-90-7	Chlorobenzene	10 U	10	0.40	
75-00-3	Chloroethane	10 U	10	0.62	
67-66-3	Chloroform	10 U	10	0.44	
74-87-3	Chloromethane	10 U	10	0.48	
110-82-7	Cyclohexane	20 U	20	0.48	
124-48-1	Dibromochloromethane	10 U	10	0.40	
75-71-8	Dichlorodifluoromethane (CFC 12)	10 U	10	1.2	
75-09-2	Dichloromethane	10 U	10	0.44	
100-41-4	Ethylbenzene	10 U	10	0.40	
98-82-8	Isopropylbenzene (Cumene)	10 U	10	0.40	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 1005
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 17:54

Sample Name: 3382-052412-1005
 Lab Code: R1203357-014

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6906.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 2

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	20 U	20	0.46	
1634-04-4	Methyl tert-Butyl Ether	10 U	10	0.40	
108-87-2	Methylcyclohexane	20 U	20	0.50	
100-42-5	Styrene	10 U	10	0.40	
127-18-4	Tetrachloroethene (PCE)	10 U	10	0.40	
108-88-3	Toluene	1.2 J	10	0.40	
79-01-6	Trichloroethene (TCE)	10 U	10	0.46	
75-69-4	Trichlorofluoromethane (CFC 11)	10 U	10	0.40	
75-01-4	Vinyl Chloride	10 U	10	0.46	
1330-20-7	Xylenes, Total	8.4 J	10	0.80	
156-59-2	cis-1,2-Dichloroethene	10 U	10	0.40	
10061-01-5	cis-1,3-Dichloropropene	10 U	10	0.40	
156-60-5	trans-1,2-Dichloroethene	10 U	10	0.40	
10061-02-6	trans-1,3-Dichloropropene	10 U	10	0.40	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85-122	6/1/12 17:54	
Dibromofluoromethane	98	89-119	6/1/12 17:54	
Toluene-d8	99	87-121	6/1/12 17:54	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 1125
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 13:44

Sample Name: 3382-052412-1125
 Lab Code: R1203357-015

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6897.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	0.69 J	10	0.35	
108-10-1	4-Methyl-2-pentanone	0.27 J	10	0.27	
67-64-1	Acetone	5.8 J	10	0.98	
71-43-2	Benzene	0.45 J	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	0.49 J	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	15	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 1125
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 13:44

Sample Name: 3382-052412-1125
 Lab Code: R1203357-015

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6897.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	0.29 J	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85-122	6/1/12 13:44	
Dibromofluoromethane	94	89-119	6/1/12 13:44	
Toluene-d8	99	87-121	6/1/12 13:44	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: 5/24/12 0900
Date Received: 5/25/12
Date Analyzed: 6/1/12 03:26

Sample Name: PZ-113
Lab Code: R1203357-016

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6875.D\

Analysis Lot: 293934
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	1.3 J	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	8.2 J	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	0.25 J	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 0900
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 03:26

Sample Name: PZ-113
 Lab Code: R1203357-016

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6875.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	0.49 J	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85-122	6/1/12 03:26	
Dibromofluoromethane	94	89-119	6/1/12 03:26	
Toluene-d8	100	87-121	6/1/12 03:26	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 1100
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 03:54

Sample Name: R-401
 Lab Code: R1203357-017

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6876.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	1.6 J	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	0.23 J	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 1100
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 03:54

Sample Name: R-401
 Lab Code: R1203357-017

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6876.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10	U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	0.20	
108-87-2	Methylcyclohexane	10	U	10	0.25	
100-42-5	Styrene	5.0	U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	0.20	
108-88-3	Toluene	5.0	U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	0.81	J	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	0.20	
75-01-4	Vinyl Chloride	0.59	J	5.0	0.23	
1330-20-7	Xylenes, Total	5.0	U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.9		5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85-122	6/1/12 03:54	
Dibromofluoromethane	94	89-119	6/1/12 03:54	
Toluene-d8	99	87-121	6/1/12 03:54	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/25/12 0900
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 04:22

Sample Name: PZ-111
 Lab Code: R1203357-018

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6877.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/25/12 0900
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 04:22

Sample Name: PZ-111
 Lab Code: R1203357-018

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6877.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85-122	6/1/12 04:22	
Dibromofluoromethane	94	89-119	6/1/12 04:22	
Toluene-d8	98	87-121	6/1/12 04:22	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 1300
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 14:13

Sample Name: R-306
 Lab Code: R1203357-019

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6898.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	1.4 J	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	0.28 J	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 1300
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 14:13

Sample Name: R-306
 Lab Code: R1203357-019

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6898.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	1.0 J	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	0.93 J	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	6.8	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85-122	6/1/12 14:13	
Dibromofluoromethane	94	89-119	6/1/12 14:13	
Toluene-d8	98	87-121	6/1/12 14:13	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 1400
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 05:17

Sample Name: SR-2
 Lab Code: R1203357-020

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6879.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/24/12 1400
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 05:17

Sample Name: SR-2
 Lab Code: R1203357-020

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6879.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result	Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10	U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0	U	5.0	0.20	
108-87-2	Methylcyclohexane	10	U	10	0.25	
100-42-5	Styrene	5.0	U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0	U	5.0	0.20	
108-88-3	Toluene	5.0	U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0	U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0	U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0	U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0	U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85-122	6/1/12 05:17	
Dibromofluoromethane	93	89-119	6/1/12 05:17	
Toluene-d8	98	87-121	6/1/12 05:17	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/25/12 1200
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 14:40

Sample Name: R-304
 Lab Code: R1203357-021

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6899.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	1.8 J	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/25/12 1200
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 14:40

Sample Name: R-304
 Lab Code: R1203357-021

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6899.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	1.1 J	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	1.1 J	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	7.2	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85-122	6/1/12 14:40	
Dibromofluoromethane	98	89-119	6/1/12 14:40	
Toluene-d8	101	87-121	6/1/12 14:40	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/25/12 1000
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 15:08

Sample Name: R-403
 Lab Code: R1203357-022

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6900.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	1.5 J	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	0.22 J	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: 5/25/12 1000
 Date Received: 5/25/12
 Date Analyzed: 6/1/12 15:08

Sample Name: R-403
 Lab Code: R1203357-022

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6900.D\

Analysis Lot: 294176
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	0.94 J	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	0.79 J	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	6.3	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85-122	6/1/12 15:08	
Dibromofluoromethane	95	89-119	6/1/12 15:08	
Toluene-d8	99	87-121	6/1/12 15:08	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 5/31/12 10:41

Sample Name: Method Blank
 Lab Code: RQ1205989-03

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6839.D\

Analysis Lot: 293931
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	0.31 J	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: NA
Date Received: NA
Date Analyzed: 5/31/12 10:41

Sample Name: Method Blank
Lab Code: RQ1205989-03

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6839.D\

Analysis Lot: 293931
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85-122	5/31/12 10:41	
Dibromofluoromethane	96	89-119	5/31/12 10:41	
Toluene-d8	102	87-121	5/31/12 10:41	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 5/31/12 22:50

Sample Name: Method Blank
 Lab Code: RQ1205990-03

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6865.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357
 Date Collected: NA
 Date Received: NA
 Date Analyzed: 5/31/12 22:50

Sample Name: Method Blank
 Lab Code: RQ1205990-03

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
 Data File Name: J:\ACQUDATA\MSVOA8\DATA\053112\F6865.D\

Analysis Lot: 293934
 Instrument Name: R-MS-08
 Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85-122	5/31/12 22:50	
Dibromofluoromethane	96	89-119	5/31/12 22:50	
Toluene-d8	102	87-121	5/31/12 22:50	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: NA
Date Received: NA
Date Analyzed: 6/1/12 10:26

Sample Name: Method Blank
Lab Code: RQ1206065-03

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6890.D\

Analysis Lot: 294176
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
71-55-6	1,1,1-Trichloroethane (TCA)	5.0 U	5.0	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	5.0 U	5.0	0.20	
79-00-5	1,1,2-Trichloroethane	5.0 U	5.0	0.23	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.0 U	5.0	0.31	
75-34-3	1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	0.20	
75-35-4	1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	0.29	
120-82-1	1,2,4-Trichlorobenzene	5.0 U	5.0	0.26	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	5.0 U	5.0	0.38	
106-93-4	1,2-Dibromoethane	5.0 U	5.0	0.20	
95-50-1	1,2-Dichlorobenzene	5.0 U	5.0	0.20	
107-06-2	1,2-Dichloroethane	5.0 U	5.0	0.20	
78-87-5	1,2-Dichloropropane	5.0 U	5.0	0.28	
541-73-1	1,3-Dichlorobenzene	5.0 U	5.0	0.20	
106-46-7	1,4-Dichlorobenzene	5.0 U	5.0	0.20	
78-93-3	2-Butanone (MEK)	10 U	10	0.51	
591-78-6	2-Hexanone	10 U	10	0.35	
108-10-1	4-Methyl-2-pentanone	10 U	10	0.27	
67-64-1	Acetone	10 U	10	0.98	
71-43-2	Benzene	5.0 U	5.0	0.21	
75-27-4	Bromodichloromethane	5.0 U	5.0	0.20	
75-25-2	Bromoform	5.0 U	5.0	0.27	
74-83-9	Bromomethane	5.0 U	5.0	0.31	
75-15-0	Carbon Disulfide	10 U	10	0.20	
56-23-5	Carbon Tetrachloride	5.0 U	5.0	0.27	
108-90-7	Chlorobenzene	5.0 U	5.0	0.20	
75-00-3	Chloroethane	5.0 U	5.0	0.31	
67-66-3	Chloroform	5.0 U	5.0	0.22	
74-87-3	Chloromethane	5.0 U	5.0	0.24	
110-82-7	Cyclohexane	10 U	10	0.24	
124-48-1	Dibromochloromethane	5.0 U	5.0	0.20	
75-71-8	Dichlorodifluoromethane (CFC 12)	5.0 U	5.0	0.56	
75-09-2	Dichloromethane	5.0 U	5.0	0.22	
100-41-4	Ethylbenzene	5.0 U	5.0	0.20	
98-82-8	Isopropylbenzene (Cumene)	5.0 U	5.0	0.20	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group
Analytical Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Collected: NA
Date Received: NA
Date Analyzed: 6/1/12 10:26

Sample Name: Method Blank
Lab Code: RQ1206065-03

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260C
Data File Name: J:\ACQUDATA\MSVOA8\DATA\060112\F6890.D\

Analysis Lot: 294176
Instrument Name: R-MS-08
Dilution Factor: 1

CAS No.	Analyte Name	Result Q	MRL	MDL	Note
79-20-9	Methyl Acetate	10 U	10	0.23	
1634-04-4	Methyl tert-Butyl Ether	5.0 U	5.0	0.20	
108-87-2	Methylcyclohexane	10 U	10	0.25	
100-42-5	Styrene	5.0 U	5.0	0.20	
127-18-4	Tetrachloroethene (PCE)	5.0 U	5.0	0.20	
108-88-3	Toluene	5.0 U	5.0	0.20	
79-01-6	Trichloroethene (TCE)	5.0 U	5.0	0.23	
75-69-4	Trichlorofluoromethane (CFC 11)	5.0 U	5.0	0.20	
75-01-4	Vinyl Chloride	5.0 U	5.0	0.23	
1330-20-7	Xylenes, Total	5.0 U	5.0	0.40	
156-59-2	cis-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-01-5	cis-1,3-Dichloropropene	5.0 U	5.0	0.20	
156-60-5	trans-1,2-Dichloroethene	5.0 U	5.0	0.20	
10061-02-6	trans-1,3-Dichloropropene	5.0 U	5.0	0.20	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85-122	6/1/12 10:26	
Dibromofluoromethane	95	89-119	6/1/12 10:26	
Toluene-d8	101	87-121	6/1/12 10:26	

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

QA/QC Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357

Date Analyzed: 5/31/12

Lab Control Sample Summary
 Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L

Basis: NA

Analysis Lot: 293931

Lab Control Sample
 RQ1205989-04

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	17.8	20.0	89	72 - 128
1,1,2,2-Tetrachloroethane	19.4	20.0	97	72 - 131
1,1,2-Trichloroethane	19.6	20.0	98	80 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	16.7	20.0	84	68 - 136
1,1-Dichloroethane (1,1-DCA)	19.4	20.0	97	76 - 124
1,1-Dichloroethene (1,1-DCE)	20.0	20.0	100	72 - 129
1,2,4-Trichlorobenzene	21.5	20.0	107	70 - 133
1,2-Dibromo-3-chloropropane (DBCP)	22.1	20.0	111	62 - 131
1,2-Dibromoethane	20.4	20.0	102	78 - 125
1,2-Dichlorobenzene	19.8	20.0	99	79 - 124
1,2-Dichloroethane	16.8	20.0	84	73 - 127
1,2-Dichloropropane	19.7	20.0	99	80 - 123
1,3-Dichlorobenzene	19.3	20.0	97	78 - 124
1,4-Dichlorobenzene	18.9	20.0	94	78 - 123
2-Butanone (MEK)	19.5	20.0	97	60 - 133
2-Hexanone	19.2	20.0	96	61 - 131
4-Methyl-2-pentanone	19.3	20.0	97	61 - 132
Acetone	16.4	20.0	82	54 - 139
Benzene	19.0	20.0	95	78 - 121
Bromodichloromethane	18.2	20.0	91	80 - 125
Bromoform	20.6	20.0	103	68 - 130
Bromomethane	17.2	20.0	86	57 - 144
Carbon Disulfide	20.5	20.0	102	52 - 140
Carbon Tetrachloride	17.1	20.0	86	68 - 133
Chlorobenzene	18.9	20.0	95	80 - 121
Chloroethane	18.0	20.0	90	71 - 130
Chloroform	18.6	20.0	93	78 - 125
Chloromethane	19.4	20.0	97	61 - 138
Cyclohexane	19.0	20.0	95	57 - 126
Dibromochloromethane	19.6	20.0	98	78 - 133
Dichlorodifluoromethane (CFC 12)	18.5	20.0	93	45 - 159
Dichloromethane	19.6	20.0	98	75 - 125

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

QA/QC Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357**Date Analyzed:** 5/31/12

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C**Units:** µg/L**Basis:** NA**Analysis Lot:** 293931

Lab Control Sample
RQ1205989-04

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Ethylbenzene	19.6	20.0	98	78 - 123
Isopropylbenzene (Cumene)	19.8	20.0	99	73 - 133
Methyl Acetate	20.6	20.0	103	57 - 157
Methyl tert-Butyl Ether	19.4	20.0	97	75 - 126
Methylcyclohexane	18.4	20.0	92	61 - 125
Styrene	20.0	20.0	100	80 - 132
Tetrachloroethene (PCE)	19.2	20.0	96	72 - 131
Toluene	19.2	20.0	96	78 - 122
Trichloroethene (TCE)	19.6	20.0	98	74 - 127
Trichlorofluoromethane (CFC 11)	16.6	20.0	83	69 - 141
Vinyl Chloride	18.7	20.0	94	72 - 138
Xylenes, Total	59.6	60.0	99	78 - 119
cis-1,2-Dichloroethene	20.4	20.0	102	78 - 122
cis-1,3-Dichloropropene	18.6	20.0	93	77 - 125
trans-1,2-Dichloroethene	19.5	20.0	97	75 - 121
trans-1,3-Dichloropropene	17.9	20.0	90	69 - 127

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COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

QA/QC Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357

Date Analyzed: 5/31/12

Lab Control Sample Summary
 Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L

Basis: NA

Analysis Lot: 293934

Lab Control Sample
 RQ1205990-04

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	18.1	20.0	91	72 - 128
1,1,2,2-Tetrachloroethane	20.4	20.0	102	72 - 131
1,1,2-Trichloroethane	20.2	20.0	101	80 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	15.3	20.0	77	68 - 136
1,1-Dichloroethane (1,1-DCA)	20.8	20.0	104	76 - 124
1,1-Dichloroethene (1,1-DCE)	20.0	20.0	100	72 - 129
1,2,4-Trichlorobenzene	22.7	20.0	114	70 - 133
1,2-Dibromo-3-chloropropane (DBCP)	22.4	20.0	112	62 - 131
1,2-Dibromoethane	21.2	20.0	106	78 - 125
1,2-Dichlorobenzene	21.2	20.0	106	79 - 124
1,2-Dichloroethane	17.2	20.0	86	73 - 127
1,2-Dichloropropane	21.2	20.0	106	80 - 123
1,3-Dichlorobenzene	20.7	20.0	103	78 - 124
1,4-Dichlorobenzene	20.0	20.0	100	78 - 123
2-Butanone (MEK)	19.3	20.0	97	60 - 133
2-Hexanone	18.6	20.0	93	61 - 131
4-Methyl-2-pentanone	19.3	20.0	96	61 - 132
Acetone	20.4	20.0	102	54 - 139
Benzene	20.0	20.0	100	78 - 121
Bromodichloromethane	19.1	20.0	95	80 - 125
Bromoform	22.0	20.0	110	68 - 130
Bromomethane	18.1	20.0	91	57 - 144
Carbon Disulfide	19.8	20.0	99	52 - 140
Carbon Tetrachloride	17.4	20.0	87	68 - 133
Chlorobenzene	20.2	20.0	101	80 - 121
Chloroethane	18.9	20.0	94	71 - 130
Chloroform	19.7	20.0	99	78 - 125
Chloromethane	22.9	20.0	114	61 - 138
Cyclohexane	17.7	20.0	88	57 - 126
Dibromochloromethane	20.3	20.0	101	78 - 133
Dichlorodifluoromethane (CFC 12)	17.7	20.0	89	45 - 159
Dichloromethane	20.7	20.0	104	75 - 125

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

QA/QC Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357**Date Analyzed:** 5/31/12

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C**Units:** µg/L**Basis:** NA**Analysis Lot:** 293934

Lab Control Sample
RQ1205990-04

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Ethylbenzene	20.3	20.0	101	78 - 123
Isopropylbenzene (Cumene)	20.6	20.0	103	73 - 133
Methyl Acetate	20.6	20.0	103	57 - 157
Methyl tert-Butyl Ether	20.4	20.0	102	75 - 126
Methylcyclohexane	17.1	20.0	85	61 - 125
Styrene	21.2	20.0	106	80 - 132
Tetrachloroethene (PCE)	19.4	20.0	97	72 - 131
Toluene	19.9	20.0	99	78 - 122
Trichloroethene (TCE)	20.0	20.0	100	74 - 127
Trichlorofluoromethane (CFC 11)	16.8	20.0	84	69 - 141
Vinyl Chloride	19.3	20.0	96	72 - 138
Xylenes, Total	62.6	60.0	104	78 - 119
cis-1,2-Dichloroethene	21.5	20.0	107	78 - 122
cis-1,3-Dichloropropene	19.2	20.0	96	77 - 125
trans-1,2-Dichloroethene	20.7	20.0	104	75 - 121
trans-1,3-Dichloropropene	18.3	20.0	92	69 - 127

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COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

QA/QC Report

Client: Conestoga-Rovers & Associates, Incorporated
 Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
 Sample Matrix: Water

Service Request: R1203357

Date Analyzed: 6/ 1/12

Lab Control Sample Summary
 Volatile Organic Compounds by GC/MS

Analytical Method: 8260C

Units: µg/L

Basis: NA

Analysis Lot: 294176

Lab Control Sample
 RQ1206065-04

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	17.6	20.0	88	72 - 128
1,1,2,2-Tetrachloroethane	19.2	20.0	96	72 - 131
1,1,2-Trichloroethane	19.5	20.0	98	80 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	16.7	20.0	84	68 - 136
1,1-Dichloroethane (1,1-DCA)	20.1	20.0	100	76 - 124
1,1-Dichloroethene (1,1-DCE)	19.7	20.0	98	72 - 129
1,2,4-Trichlorobenzene	22.2	20.0	111	70 - 133
1,2-Dibromo-3-chloropropane (DBCP)	21.4	20.0	107	62 - 131
1,2-Dibromoethane	20.3	20.0	101	78 - 125
1,2-Dichlorobenzene	20.5	20.0	102	79 - 124
1,2-Dichloroethane	16.6	20.0	83	73 - 127
1,2-Dichloropropane	20.4	20.0	102	80 - 123
1,3-Dichlorobenzene	20.1	20.0	100	78 - 124
1,4-Dichlorobenzene	19.7	20.0	98	78 - 123
2-Butanone (MEK)	17.6	20.0	88	60 - 133
2-Hexanone	17.6	20.0	88	61 - 131
4-Methyl-2-pentanone	17.8	20.0	89	61 - 132
Acetone	18.0	20.0	90	54 - 139
Benzene	19.2	20.0	96	78 - 121
Bromodichloromethane	18.2	20.0	91	80 - 125
Bromoform	20.4	20.0	102	68 - 130
Bromomethane	18.8	20.0	94	57 - 144
Carbon Disulfide	20.6	20.0	103	52 - 140
Carbon Tetrachloride	17.6	20.0	88	68 - 133
Chlorobenzene	19.2	20.0	96	80 - 121
Chloroethane	17.9	20.0	90	71 - 130
Chloroform	18.4	20.0	92	78 - 125
Chloromethane	21.1	20.0	105	61 - 138
Cyclohexane	18.0	20.0	90	57 - 126
Dibromochloromethane	19.6	20.0	98	78 - 133
Dichlorodifluoromethane (CFC 12)	18.6	20.0	93	45 - 159
Dichloromethane	19.8	20.0	99	75 - 125

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

COLUMBIA ANALYTICAL SERVICES, INC.

Now part of the ALS Group

QA/QC Report

Client: Conestoga-Rovers & Associates, Incorporated
Project: Site 255 GMCH-1000 Lexington Avenue/058507-255003
Sample Matrix: Water

Service Request: R1203357
Date Analyzed: 6/ 1/12

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Analytical Method: 8260C**Units:** µg/L**Basis:** NA**Analysis Lot:** 294176

Lab Control Sample
RQ1206065-04

Analyte Name	Result	Spike Amount	% Rec	% Rec Limits
Ethylbenzene	20.0	20.0	100	78 - 123
Isopropylbenzene (Cumene)	20.4	20.0	102	73 - 133
Methyl Acetate	19.4	20.0	97	57 - 157
Methyl tert-Butyl Ether	19.0	20.0	95	75 - 126
Methylcyclohexane	17.7	20.0	89	61 - 125
Styrene	20.4	20.0	102	80 - 132
Tetrachloroethene (PCE)	19.4	20.0	97	72 - 131
Toluene	19.7	20.0	99	78 - 122
Trichloroethene (TCE)	19.8	20.0	99	74 - 127
Trichlorofluoromethane (CFC 11)	16.8	20.0	84	69 - 141
Vinyl Chloride	18.9	20.0	94	72 - 138
Xylenes, Total	61.7	60.0	103	78 - 119
cis-1,2-Dichloroethene	20.6	20.0	103	78 - 122
cis-1,3-Dichloropropene	18.7	20.0	94	77 - 125
trans-1,2-Dichloroethene	20.0	20.0	100	75 - 121
trans-1,3-Dichloropropene	17.4	20.0	87	69 - 127

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.



0844

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Project Name		Project Number		ANALYSIS REQUESTED (Include Method Number and Container Preservative)	
Project Manager		Report CC		PRESERVATIVE	
Company/Address		Report CC		PRESERVATIVE	
GM Leasing Inc		70014-105			
Claire Mordel					
200 Tam Center Dr. Suite 200					
Rochester, NY 14623					
Phone # 585 321 4241		E-mail eschulz@valleyqllc.com			
Sample's Signature [Signature]		Sample's Printed Name Eschulz, J			
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS
3382-052412-1710		5/23	1710	AQ	3
3382-052412-0900		5/24	0900		3
3382-052412-0001		5/24	0900		3
3382-052412-1005		5/24	1005		3
3382-052412-1125		5/24	1125		3
PZ-113		5/24	0900		3
R-401		5/24	1100		3
PZ-111		5/25	0900		3
R-306		5/24	1300		3
SR-2		5/24	1400		3
SPECIAL INSTRUCTIONS/COMMENTS					
Metals					
RECEIVED BY Signature [Signature] Printed Name Eschulz, J Firm A + A Date/Time 5/25/12 14:46 RECEIVED BY Signature [Signature] Printed Name Eschulz, J Firm A + A Date/Time 5/25/12 14:46					
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RECEIVED BY Signature [Signature] Printed Name Eschulz, J Firm A + A Date/Time 5/25					

Distribution: White - Lab Copy; Yellow - Return To Originator



0845

OF

1000

SCOC Rev. 7/2011



Cooler Receipt and Preservation Check Form

Project/Client H+A Folder Number R12-3357

Cooler received on 5/25/12 by: Dr COURIER: ALS 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 VOA vials, Alkalinity, or Sulfide have significant* air bubbles? YES NO N/A *
5. Were ~~ice~~ or Ice packs present? YES NO
6. Where did the bottles originate? ALS/ROC, CLIENT
7. Temperature of cooler(s) upon receipt: 5.8° 4.6°

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: 5/25/12/1500

Thermometer ID: IR GUN#3 / IR GUN#4 Reading From: Temp Blank / Sample Bottle

If out of Temperature, note packing/ice condition & Client Approval to Run Samples:

All Samples held in storage location R-002 by Dr on 5/25/12 at 1502
5035 samples placed in storage location by on at

PC Secondary Review: Dr

Cooler Breakdown: Date: 5/29/12 Time: 1941 by: Dr

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:

pH	Reagent	YES	NO	Lot Received	Exp	Sample ID	Vol. Added	Lot Added	Final pH
≥12	NaOH								
≤2	HNO ₃								
≤2	H ₂ SO ₄								
<4	NaHSO ₄								
Residual Chlorine (-)	For TCN Phenol and 522			If present, contact PM to add ascorbic acid Or sodium sulfite (522)					
	Na ₂ S ₂ O ₃	-	-			*Not to be tested before analysis - pH tested and recorded by VOAs or GenChem on a separate worksheet			
	Zn Aceta	-	-						
	HCl	*	*	<u>4111060</u>	<u>4/13</u>				

Yes = All samples OK

No = Samples were preserved at lab as listed

PM OK to Adjust:

Bottle lot numbers: 2-059-002

Other Comments: *1 vial for TB, PZ-113, SR-2, 3382-052412-1125

PC Secondary Review: Dr
H:\SMODOCS\Cooler Receipt 5.doc

*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter

00063



MEMORANDUM

TO: Denis Conley

FROM: Kathleen Willy/amm/51 *for tw*

CC: Claire Mondello, Chris Boron

RE: Data Quality Assessment and Verification
Groundwater Monitoring
GM Components Holdings (GMCH) Facility
Lockport, New York
April-May 2012

REF. NO.: 58507-256011

DATE: July 16, 2012

Revised: July 17, 2012

E-Mail and Hard Copy If Requested

The following details a quality assessment and validation of the analytical data resulting from the April-May 2012 collection of 81 groundwater samples including two (2) field duplicates and six (6) trip blanks from the GMCH Site in Lockport, New York. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica Laboratories, Inc. (TestAmerica) in Amherst, New York in accordance with the methodologies presented in Table 2. Table 3 presents the validated analytical data.

The quality control criteria used to assess the data were established by the methods. Application of quality assurance criteria was consistent with following guidance documents:

- i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999.
- ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-094-013, February 1994.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

SAMPLE QUANTITATION

The laboratory reported detected concentrations of volatile organic compounds (VOC) below the laboratory's practical quantitation limit (PQL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J". These concentrations should be considered as estimated (J) values unless qualified otherwise in this memorandum

SAMPLE PRESERVATION AND HOLDING TIMES

Sample holding time periods and preservation requirements are summarized in the analytical methods. All sample extractions and/or analyses were performed within the specified holding times.

All samples were properly received and stored after collection.

METHOD BLANK SAMPLES

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The method blank samples were reported to be free from detectable levels of target analytes with the exception of low levels of methane, ethane, and ethene. Associated sample results with concentrations similar to that found in the method blank were qualified as non-detect (see Table 4). Sample results that were either non-detect or significantly greater than the concentration found in the method blank were not impacted, and no qualification of the data was necessary.

SURROGATE COMPOUNDS – ORGANIC ANALYSES

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples indicating acceptable laboratory performance.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE ANALYSES – ORGANIC ANALYSES

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory.

Site specific MS/MSD analyses were performed as specified in Table 1 and all recoveries were within laboratory specified control limits with the exception of propionic acid and pyruvic acid. A summary of qualified results can be found in Table 5.

MATRIX SPIKE/MATRIX DUPLICATE ANALYSES – GENERAL CHEMISTRY

To evaluate the effects of sample matrices on the measurement procedures and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS samples. The established control limits for inorganic matrix spike recoveries are 75 to 125 percent. Spike recoveries are not assessed for samples having original concentrations significantly greater than the spike concentration (>four times).

Analytical precision is evaluated based on the analysis of duplicate samples. Laboratory duplicate results are assessed against a maximum RPD of 20 percent.

MS and duplicate analyses were performed at the required frequency for all general chemistry parameters. The results showed acceptable accuracy and precision on this sample matrix with the exception of sulfide and sulfate. A summary of qualified results can be found in Table 6.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL DUPLICATE ANALYSIS

The laboratory control sample and laboratory control duplicate (LCS/LCD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS/LCD percent recoveries were evaluated against method and laboratory established control limits. Laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCD when a matrix spike/matrix spike duplicate was not analyzed.

The LCS/LCD percent recoveries were within the laboratory control limits.

FIELD QUALITY ASSURANCE/QUALITY CONTROL

The field quality assurance/quality control consisted of two (2) field duplicate samples and six (6) trip blank samples.

Field Duplicate

Samples were collected in duplicate as summarized in Table 1 and submitted blind to the laboratory for analysis. All sample results outside estimated ranges of detection showed acceptable sampling and analytical precision.

Trip Blanks

To monitor potential cross-contamination of VOC during aqueous sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples.

The trip blank samples were reported to be free from detectable levels of target analytes indicating contamination during transport and analysis was not a problem.

OVERALL ASSESSMENT

The data were found to exhibit acceptable levels of accuracy and precision based on the provided information and may be used with the qualifications noted.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

Sample ID	Location ID	Collection Date (mm/dd/yy)	Collection Time (hr:min)	Analysis/Parameters												Comments
				TCL VOCs	TOC	Sulfate	Sulfide	Nitrite	Ammonia	Chloride	Volatile Fatty Acids	Alkalinity	Metals	Hydrogen	Dissolved Gases	
MW-15-041812-0900	MW-15	04/18/12	9:00:00 AM	X	X	X	X	X	X	X	X	X	X	X	X	
MW-11-041812-1245	MW-11	04/18/12	12:45:00 PM	X	X	X	X	X	X	X	X	X	X	X	X	
MW-12-041812-1530	MW-12	04/18/12	3:30:00 PM	X	X	X	X	X	X	X	X	X	X	X	X	
MW-13-041912-0845	MW-13	04/19/12	8:45:00 AM	X	X	X	X	X	X	X	X	X	X	X	X	
MW-14-041912-1315	MW-14	04/19/12	1:15:00 PM	X	X	X	X	X	X	X	X	X	X	X	X	
MW-10-041912-1520	MW-10	04/19/12	3:20:00 PM	X	X	X	X	X	X	X	X	X	X	X	X	
DUP-041912-0001	MW-13	04/19/12	4/19/2012	X	X	X	X	X	X	X	X	X	X	X	X	Field duplicate of sample MW-13-041912-0845
MW-4-042012-1300	MW-4	04/20/12	1:00:00 PM	X	X	X	X	X	X	X	X	X	X	X	X	
MW-7-042012-1630	MW-7	04/20/12	4:30:00 PM	X	X	X	X	X	X	X	X	X	X		X	
MW-6-1-042512-0915	MW-6-1	04/25/12	9:15:00 AM	X	X	X	X	X	X	X	X	X	X		X	
MW-6-2-042512-1130	MW-6-2	04/25/12	11:30:00 AM	X	X	X	X	X	X	X	X	X	X		X	
MW-8-4-042512-1800	MW-8-4	04/25/12	6:00:00 PM	X	X	X	X	X	X	X	X	X	X		X	
MW-6-F-8-042512-1730	MW-6-F-8	04/25/12	5:30:00 PM	X	X	X	X	X	X	X	X	X	X		X	
DUP	MW-6-2	04/25/12	4/25/2012	X	X	X	X	X	X	X	X	X	X		X	Field duplicate of sample MW-6-2-042512-1130
TRIP BLANK	-	04/25/12	4/25/2012	X												Trip blank
MW-7-2-042612-1415	MW-7-2	04/26/12	2:15:00 PM	X	X	X	X	X	X	X	X	X	X		X	
MW-7-1-042712-1000	MW-7-1	04/27/12	10:00:00 AM	X	X	X	X	X	X	X	X	X	X		X	
MW-7-3-042712-1330	MW-7-3	04/27/12	1:30:00 PM	X	X	X	X	X	X	X	X	X	X		X	
MW-7-4-042712-1415	MW-7-4	04/27/12	2:15:00 PM	X	X	X	X	X	X	X	X	X	X		X	
TRIP BLANK	-	04/27/12	4/27/2012	X												Trip blank
MW-8-003-B-043012-1400	MW-8-003-B	04/30/12	2:00:00 PM	X	X	X	X	X	X	X	X	X	X		X	
MW-8-1-043012-1700	MW-8-1	04/30/12	5:00:00 PM	X	X	X	X	X	X	X	X	X	X		X	
MW-7-6-043012-0900	MW-7-6	04/30/12	9:00:00 AM	X	X	X	X	X	X	X	X	X	X		X	MS/MSD VOCs only
MW-7-5-043012-1130	MW-7-5	04/30/12	11:30:00 AM	X	X	X	X	X	X	X	X	X	X		X	
TRIP BLANK	-	04/27/12	4/27/2012	X												Trip blank
MW-7-A-6-050112-0900	MW-7-A-6	05/01/12	9:00:00 AM	X	X	X	X	X	X	X	X	X	X		X	
MW-7-7-050112-1330	MW-7-7	05/01/12	1:30:00 PM	X	X	X	X	X	X	X	X	X	X		X	
MW-8-3-050112-1540	MW-8-3	05/01/12	3:40:00 PM	X	X	X	X	X	X	X	X	X	X		X	
TRIP BLANK	-	04/27/12	4/27/2012	X												Trip blank

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

Sample ID	Location ID	Collection Date (mm/dd/yy)	Collection Time (hr:min)	Analysis/Parameters												Comments
				TCL VOCs	TOC	Sulfate	Sulfide	Nitrite	Ammonia	Chloride	Volatile Fatty Acids	Alkalinity	Metals	Hydrogen	Dissolved Gases	
MW-10-2-050212-1200	MW-10-2	05/02/12	12:00:00 PM	X	X	X	X	X	X	X	X	X	X		X	
MW-10-3-050212-1400	MW-10-3	05/02/12	2:00:00 PM	X	X	X	X	X	X	X	X	X	X		X	
BLDG-10-MW-1-050212-1620	MW-10-1	05/02/12	4:20:00 PM	X	X	X	X	X	X	X	X	X	X		X	
TRIP BLANK	-	05/02/12	5/2/2012	X												Trip blank
MW-7-8-050212-0730	MW-7-8	05/02/12	7:30:00 AM	X	X	X	X	X	X	X	X	X	X		X	
MW-9-101-A-050312-1215	MW-9-101-A	05/03/12	12:15:00 PM	X	X	X	X	X	X	X	X	X	X		X	
MW-7-C-2-050312-1015	MW-7-C-2	05/03/12	10:15:00 AM	X	X	X	X	X	X	X	X	X	X		X	
MW-7-P-1-050312-1530	MW-7-P-1	05/03/12	3:30:00 PM	X	X	X	X	X	X	X	X	X	X		X	
MW-8-2-050312-1830	MW-8-2	05/03/12	6:30:00 PM	X	X	X	X	X	X	X	X	X	X		X	
TRIP BLANK	-	04/25/12	4/25/2012	X												Trip blank

Notes:

- Not applicable.
MS/MSD Matrix spike/matrix spike duplicate
TCL Target Compound List
TOC Total Organic Carbon
VOCs Volatile Organic Compounds

TABLE 2

**ANALYTICAL METHODS SUMMARY
GROUNDWATER SAMPLING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012**

<i>Parameter</i>	<i>Analytical Method</i>
VOCs	SW 846 8260 ⁽¹⁾
TOC	SW 846 9060 ⁽¹⁾
Sulfide	EPA 376.1 ⁽²⁾
Total Nitrogen (as ammonia)	EPA 350.1 ⁽²⁾
Chloride, Sulfate	EPA 300 ⁽²⁾
Nitrite, Nitrate	EPA 353.2 ⁽²⁾
Alkalinity	SM 2320 ⁽³⁾
Methane, Ethane, Ethene, Carbon dioxide	RSK 175 ⁽⁴⁾
Hydrogen	AM20GAX ⁽⁵⁾
Metals	SW 846 6010 ⁽¹⁾

Notes:

- 1 Referenced from "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions.
- 2 Methods referenced from "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983, with all subsequent revisions.
- 3 Referenced from "Standard Methods for the Examination of Water and Wastewater," 18th Edition, 1992, with all subsequent revisions.
- 4 EPA RSK175 - EPA Internal Standard Operating Procedure, Bryan Newell, R.S. Kerr Laboratory, Oklahoma, August 1994.
- 5 Microseeps Standard Operating Procedure (SOP).
- VOCs Volatile Organic Compounds.
- TOC Total organic carbon

TABLE 3

ANALYTICAL RESULTS SUMMARY

GROUNDWATER MONITORING

GM COMPONENTS HOLDINGS (GMCH) FACILITY

LOCKPORT, NEW YORK

APRIL-MAY 2012

Sample Location:		MW-4	MW-6-1	MW-6-2	MW-6-2	MW-6-F-8	MW-7	MW-7-1	MW-7-2
Sample ID:		MW-4-042012-1300	MW-6-1-042512-0915	DUP	MW-6-2-042512-1130	MW-6-F-8-042512-1730	MW-7-042012-1630	MW-7-1-042712-1000	MW-7-2-042612-1415
Sample Date:		4/20/2012	4/25/2012	4/25/2012 (Duplicate)	4/25/2012	4/25/2012	4/20/2012	4/27/2012	4/26/2012
Parameters:		Units							
Volatile Organic Compounds									
cis-1,2-Dichloroethene	µg/L	42000	1.0 U	1.0 U	1.0 U	1.0 U	43000	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.4	1.0 U	1.0 U	1.0 U	1.0 U	10000 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	160	1.0 U	1.0 U	1.0 U	1.0 U	10000 U	1.0 U	1.0 U
Trichloroethene	µg/L	18000	1.0 U	1.0 U	1.0 U	1.0 U	730000	1.0 U	4.0
Vinyl chloride	µg/L	9100	1.0 U	1.0 U	1.0 U	1.0 U	10000 U	1.0 U	1.0 U
Metals									
Iron	mg/L	2.7	16.5	0.14	0.15	0.11	0.061	0.28	0.076
Magnesium	mg/L	138	67.7	87.4	89.0	175	67.1	111	40.0
Manganese	mg/L	1.5	2.6	0.77	0.79	1.2	0.024	0.42	0.041
Potassium	mg/L	15.6	2.4	4.0	3.8	4.9	13.2	4.3	1.6
Sodium	mg/L	1400	459	1690	1700	2160	193	563	109
Gas									
Carbon dioxide	µg/L	9500	13000	8700	7200	9000	1600	6800	3700
Ethane	µg/L	650 J	1.5 U	1.5 U	1.5 U	1.5 U	17	1.5 U	1.5 U
Ethene	µg/L	2300	1.5 U	1.5 U	1.5 U	1.5 U	98	1.5 U	1.5 U
Hydrogen	nM	28	-	-	-	-	-	-	-
Methane	µg/L	3800	17	1.0 U	1.0 U	32	46	9.4	1.0 U
General Chemistry									
Acetic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2	1.0 U	1.0 U
Alkalinity, total (as CaCO3)	mg/L	320	392	360	388	368	240	288	324
Ammonia	mg/L	2.6	0.45	0.020 U	0.020 U	0.020 U	0.77	0.0092 J	0.020 U
Butanoic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.62 J	1.0 U	1.0 U
Chloride	mg/L	3580	1130	3340	3800	3730	416	1450	212

TABLE 3
ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

	Sample Location:	MW-4	MW-6-1	MW-6-2	MW-6-2	MW-6-F-8	MW-7	MW-7-1	MW-7-2
	Sample ID:	MW-4-042012-1300	MW-6-1-042512-0915	DUP	MW-6-2-042512-1130	MW-6-F-8-042512-1730	MW-7-042012-1630	MW-7-1-042712-1000	MW-7-2-042612-1415
	Sample Date:	4/20/2012	4/25/2012	4/25/2012 (Duplicate)	4/25/2012	4/25/2012	4/20/2012	4/27/2012	4/26/2012
Parameters:	Units								
General Chemistry (Cont'd)									
Formic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Lactic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Nitrate (as N)	mg/L	0.050 U	0.050 U	0.12	0.13	0.050 U	0.050 U	0.050 U	0.059
Nitrite (as N)	mg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Propionic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Pyruvic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U
Sulfate	mg/L	282 J	104	150	185	208	332 J	131	66.6
Sulfide	mg/L	0.10 U	0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 U	0.10 U
Total organic carbon (TOC)	mg/L	3.1	3.8	2.3	2.3	1.9	8.7	0.97 J	1.6

TABLE 3
ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

Sample Location:		MW-7-3	MW-7-4	MW-7-5	MW-7-6	MW-7-7	MW-7-8	MW-7-A-6
Sample ID:		MW-7-3-042712-1330	MW-7-4-042712-1415	MW-7-5-043012-1130	MW-7-6-043012-0900	MW-7-7-050112-1330	MW-7-8-050212-0730	MW-7-A-6-050112-0900
Sample Date:		4/27/2012	4/27/2012	4/30/2012	4/30/2012	5/1/2012	5/2/2012	5/1/2012
Parameters:		Units						
Volatile Organic Compounds								
cis-1,2-Dichloroethene	µg/L	8.6	1.0 U	640	480	6000	67	22000
Tetrachloroethene	µg/L	1.0 U	1.0 U	8700	710	120000	220	140000
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	200 U	10 U	400 U	4.0 U	2000 U
Trichloroethene	µg/L	1.0 U	3.6	760	290	2600	130	26000
Vinyl chloride	µg/L	43	1.0 U	200 U	55	960	4.0 U	1800 J
Metals								
Iron	mg/L	2.5	0.27	0.12	0.16	0.080	4.0	0.49
Magnesium	mg/L	248	34.3	124	106	151	170	95.4
Manganese	mg/L	0.35	0.017	1.1	0.18	0.0089	0.15	0.92
Potassium	mg/L	50.2	2.1	8.0	10.9	40.5	38.2	2.7
Sodium	mg/L	4340	226	2530	2450	1030	896	226
Gas								
Carbon dioxide	µg/L	9100	3900	11000	8200	1000 U	1000 U	19000
Ethane	µg/L	6.0	1.5 U	1.0 J	6.3	68 J	21	14
Ethene	µg/L	10	1.5 U	1.3 J	1.7	130	7.8 J	160
Hydrogen	nM	-	-	-	-	-	-	-
Methane	µg/L	220	1.0 U	25	420	530	67	1100
General Chemistry								
Acetic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	6.1	1.0 U	1.0 U
Alkalinity, total (as CaCO3)	mg/L	280	320	320	288	42.0	60.0	472
Ammonia	mg/L	2.6	0.020 U	0.043	0.051	1.8	0.25	0.022
Butanoic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloride	mg/L	6890	351	4600	4230	687	2330	695

TABLE 3
ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

<i>Sample Location:</i>		MW-7-3	MW-7-4	MW-7-5	MW-7-6	MW-7-7	MW-7-8	MW-7-A-6
<i>Sample ID:</i>		MW-7-3-042712-1330	MW-7-4-042712-1415	MW-7-5-043012-1130	MW-7-6-043012-0900	MW-7-7-050112-1330	MW-7-8-050212-0730	MW-7-A-6-050112-0900
<i>Sample Date:</i>		4/27/2012	4/27/2012	4/30/2012	4/30/2012	5/1/2012	5/2/2012	5/1/2012
<i>Parameters:</i>	<i>Units</i>							
<i>General Chemistry (Cont'd)</i>								
Formic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Lactic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Nitrate (as N)	mg/L	0.38	0.11	0.89	0.057	0.088	0.050 U	0.050 U
Nitrite (as N)	mg/L	0.050 U	0.050 U	0.039 J	0.050 U	0.022 J	0.050 U	0.050 U
Propionic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.5	1.0 U	1.0 U
Pyruvic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Sulfate	mg/L	727	72.2	218	264	451	145	111
Sulfide	mg/L	0.055 J	0.10 U	0.10 U	0.10 U	1.7	0.10 U	0.10 U
Total organic carbon (TOC)	mg/L	1.3	0.68 J	1.8	1.3	14.1	0.73 J	10.5

TABLE 3
ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

Sample Location:		MW-7-C-2	MW-7-P-1	MW-8-1	MW-8-2	MW-8-3	MW-8-003-B	MW-8-4
Sample ID:		MW-7-C-2-050312-1015	MW-7-P-1-050312-1530	MW-8-1-043012-1700	MW-8-2-050312-1830	MW-8-3-050112-1540	MW-8-003-B-043012-1400	MW-8-4-042512-1800
Sample Date:		5/3/2012	5/3/2012	4/30/2012	5/3/2012	5/1/2012	4/30/2012	4/25/2012
Parameters:		Units						
Volatile Organic Compounds								
cis-1,2-Dichloroethene	µg/L	370	4.0 U	0.85 J	10000	5.3	830	55
Tetrachloroethene	µg/L	1.0 U	4.0 U	1.0 U	1.0 U	0.84 J	1600	1.0 U
trans-1,2-Dichloroethene	µg/L	1.2	4.0 U	1.0 U	34	1.0 U	5.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	4.0 U	1.0 U	190	5.9	440	15
Vinyl chloride	µg/L	21	19	1.0 U	380	1.0 U	73	18
Metals								
Iron	mg/L	0.93	61.2	0.19	0.20	0.11	0.14	1.0
Magnesium	mg/L	83.8	388	122	47.3	42.6	41.2	272
Manganese	mg/L	0.084	10.1	0.16	0.021	4.1	0.38	1.9
Potassium	mg/L	7.5	31.4	19.4	17.1	519	9.8	8.5
Sodium	mg/L	126	358	838	286	386	3060	1760
Gas								
Carbon dioxide	µg/L	4800	25000	8000	6800	6300	1000 U	5700
Ethane	µg/L	9.6 J	52	9.2	11 J	1.4 J	1.3 J	1.5 U
Ethene	µg/L	8.0 J	14 J	3.5	9.7 J	2.4	6.4	1.5 U
Hydrogen	nM	-	-	-	-	-	-	-
Methane	µg/L	82	2800	86	260	1.6	46	75
General Chemistry								
Acetic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Alkalinity, total (as CaCO3)	mg/L	260	244	304	372	360	160	300
Ammonia	mg/L	0.39	170	1.2	1.2	1.5	0.16	0.12
Butanoic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloride	mg/L	181	5890	475	338	1580	4640	3820

TABLE 3
ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

Sample Location:		MW-7-C-2	MW-7-P-1	MW-8-1	MW-8-2	MW-8-3	MW-8-003-B	MW-8-4
Sample ID:		MW-7-C-2-050312-1015	MW-7-P-1-050312-1530	MW-8-1-043012-1700	MW-8-2-050312-1830	MW-8-3-050112-1540	MW-8-003-B-043012-1400	MW-8-4-042512-1800
Sample Date:		5/3/2012	5/3/2012	4/30/2012	5/3/2012	5/1/2012	4/30/2012	4/25/2012
Parameters:		Units						
General Chemistry (Cont'd)								
Formic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Lactic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Nitrate (as N)	mg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.50	0.050 U
Nitrite (as N)	mg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Propionic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pyruvic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Sulfate	mg/L	525	71.0	613	243	105	154	259
Sulfide	mg/L	0.10 U	0.10 U	2.1	0.60	0.10 U	0.10 U	0.10 UJ
Total organic carbon (TOC)	mg/L	0.67 J	2.3	0.60 J	1.5	6.4	1.3	1.6

TABLE 3
ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

Sample Location:		MW-9-101-A	MW-10	MW-10-1	MW-10-2	MW-10-3	MW-11	MW-12
Sample ID:		MW-9-101-A-050312-1215	MW-10-041912-1520	BLDG-10-MW-1-050212-1620	MW-10-2-050212-1200	MW-10-3-050212-1400	MW-11-041812-1245	MW-12-041812-1530
Sample Date:		5/3/2012	4/19/2012	5/2/2012	5/2/2012	5/2/2012	4/18/2012	4/18/2012
Parameters:		Units						
Volatile Organic Compounds								
cis-1,2-Dichloroethene	µg/L	4.0 U	300	2000 U	2100	14	1.4	150
Tetrachloroethene	µg/L	4.0 U	77	150000	330	14	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	4.0 U	4.0 U	2000 U	26	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	4.0 U	150	2500	810	7.0	1.0 U	0.83 J
Vinyl chloride	µg/L	4.0 U	35	2000 U	60	1.0 U	2.6	120
Metals								
Iron	mg/L	0.050 U	0.32	1.2	0.15	0.075	0.20	12.7
Magnesium	mg/L	137	95.5	80.8	92.7	17.5	48.5	84.3
Manganese	mg/L	0.0023 J	2.4	0.32	0.27	0.00094 J	0.14	9.1
Potassium	mg/L	21.5	7.0	4.7	10.8	2.4	8.3	3.7
Sodium	mg/L	748	2110	76.8	1610	44.7	143	1250
Gas								
Carbon dioxide	µg/L	4200	5600	7900	4100	1000 U	2100	15000
Ethane	µg/L	1.5 U	9.1 J	2.6	10 J	1.5 U	1.5 U	11 J
Ethene	µg/L	1.5 U	9.2 J	7.7	8.4 J	1.5 U	1.5 U	11 J
Hydrogen	nM	-	1.0	-	-	-	12	0.76
Methane	µg/L	1.0 U	170	12	130	1.0 U	14	300
General Chemistry								
Acetic acid	mg/L	1.0 U	1.0 U	0.67 J	1.0 U	1.0 U	1.0 U	1.0 U
Alkalinity, total (as CaCO3)	mg/L	200	280	320	240	128	248	280
Ammonia	mg/L	0.020 U	0.11	0.18	0.52	0.020 U	0.27	1.8
Butanoic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloride	mg/L	1440	3790	115	1110	91.0	360	2900

TABLE 3
ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

<i>Sample Location:</i>		<i>MW-9-101-A</i>	<i>MW-10</i>	<i>MW-10-1</i>	<i>MW-10-2</i>	<i>MW-10-3</i>	<i>MW-11</i>	<i>MW-12</i>
<i>Sample ID:</i>		<i>MW-9-101-A-050312-1215</i>	<i>MW-10-041912-1520</i>	<i>BLDG-10-MW-1-050212-1620</i>	<i>MW-10-2-050212-1200</i>	<i>MW-10-3-050212-1400</i>	<i>MW-11-041812-1245</i>	<i>MW-12-041812-1530</i>
<i>Sample Date:</i>		<i>5/3/2012</i>	<i>4/19/2012</i>	<i>5/2/2012</i>	<i>5/2/2012</i>	<i>5/2/2012</i>	<i>4/18/2012</i>	<i>4/18/2012</i>
<i>Parameters:</i>		<i>Units</i>						
<i>General Chemistry (Cont'd)</i>								
Formic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Lactic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Nitrate (as N)	mg/L	6.3	0.050 U	0.050 U	0.050 U	1.5	0.095	0.050 U
Nitrite (as N)	mg/L	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Propionic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pyruvic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Sulfate	mg/L	1170	210	195	147	74.0	98.9	133
Sulfide	mg/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.053 J	0.10 UJ
Total organic carbon (TOC)	mg/L	3.0	2.3	4.4	1.2	0.52 J	1.3	3.7

TABLE 3
ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

<i>Sample Location:</i>		MW-13	MW-13	MW-14	MW-15
<i>Sample ID:</i>		DUP-041912-0001	MW-13-041912-0845	MW-14-041912-1315	MW-15-041812-0900
<i>Sample Date:</i>		4/19/2012	4/19/2012	4/19/2012	4/18/2012
		(Duplicate)			
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
cis-1,2-Dichloroethene	µg/L	4.0 U	1.0 U	1.2	1.0 U
Tetrachloroethene	µg/L	4.0 U	1.0 U	1.0 U	8.1
trans-1,2-Dichloroethene	µg/L	4.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	4.0 U	1.0 U	1.0 U	0.65 J
Vinyl chloride	µg/L	4.0 U	1.0 U	1.1	1.0 U
<i>Metals</i>					
Iron	mg/L	5.7	5.8	0.14	0.050 U
Magnesium	mg/L	36.3	38.5	86.7	54.4
Manganese	mg/L	4.1	4.4	0.29	0.24
Potassium	mg/L	5.4	5.3	6.2	3.3
Sodium	mg/L	925	940	916	424
<i>Gas</i>					
Carbon dioxide	µg/L	4500	3700	2900	11000
Ethane	µg/L	8.6 J	8.2 J	8.6 J	1.5 U
Ethene	µg/L	8.0 J	15 U	8.3 J	1.5 U
Hydrogen	nM	0.79	0.50 J	6.7	0.82
Methane	µg/L	89	93	71	1.0 U
<i>General Chemistry</i>					
Acetic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U
Alkalinity, total (as CaCO ₃)	mg/L	352	360	328	384
Ammonia	mg/L	0.90	0.96	0.25	0.020 U
Butanoic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U
Chloride	mg/L	1490	1490	1720	962

TABLE 3
ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

<i>Sample Location:</i>		MW-13	MW-13	MW-14	MW-15
<i>Sample ID:</i>		DUP-041912-0001	MW-13-041912-0845	MW-14-041912-1315	MW-15-041812-0900
<i>Sample Date:</i>		4/19/2012	4/19/2012	4/19/2012	4/18/2012
		(Duplicate)			
<i>Parameters:</i>	<i>Units</i>				
<i>General Chemistry (Cont'd)</i>					
Formic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U
Lactic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U
Nitrate (as N)	mg/L	0.068	0.081	0.050 U	0.73
Nitrite (as N)	mg/L	0.050 U	0.050 U	0.050 U	0.050 U
Propionic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U
Pyruvic acid	mg/L	1.0 U	1.0 U	1.0 U	1.0 U
Sulfate	mg/L	66.3	71.3	88.2	111
Sulfide	mg/L	0.10 U	0.10 U	0.10 U	0.10 UJ
Total organic carbon (TOC)	mg/L	4.0	4.0	1.5	2.0

Notes:

- - Not analyzed.

J - Estimated.

U - Not detected.

UJ - Not detected, estimated reporting limit

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

<i>Parameter</i>	<i>Analysis Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Sample ID</i>	<i>Qualified Sample Result</i>	<i>Units</i>
Dissolved Gases	4/22/2012	Ethane	0.792 J	MW-11-041812-1245	1.5 U	µg/L
				MW-15-041812-0900	1.5 U	µg/L
Dissolved Gases	4/22/2012	Ethene	0.799 J	MW-11-041812-1245	1.5 U	µg/L
				MW-13-041912-0845	15 U	µg/L
				MW-15-041812-0900	1.5 U	µg/L
Dissolved Gases	4/22/2012	Methane	0.317 J	MW-15-041812-0900	1.0 U	µg/L
Dissolved Gases	4/26/2012	Ethane	0.810 J	DUP	1.5 U	µg/L
				MW-6-2-042512-1130	1.5 U	µg/L
				MW-6-F-8-042512-1730	1.5 U	µg/L
				MW-8-4-042512-1800	1.5 U	µg/L
Dissolved Gases	4/26/2012	Ethene	0.647 J	DUP	1.5 U	µg/L
				MW-6-2-042512-1130	1.5 U	µg/L
				MW-8-4-042512-1800	1.5 U	µg/L
Dissolved Gases	4/26/2012	Methane	0.589 J	DUP	1.0 U	µg/L
				MW-6-2-042512-1130	1.0 U	µg/L
Dissolved Gases	4/30/2012	Ethane	0.845 J	MW-7-1-042712-1000	1.5 U	µg/L
				MW-7-4-042712-1415	1.5 U	µg/L
Dissolved Gases	4/30/2012	Ethene	0.670 J	MW-7-1-042712-1000	1.5 U	µg/L
				MW-7-4-042712-1415	1.5 U	µg/L
Dissolved Gases	4/30/2012	Methane	0.511 J	MW-7-2-042612-1415	1.0 U	µg/L
Dissolved Gases	5/7/2012	Methane	0.523 J	MW-10-3-050212-1400	1.0 U	µg/L
				MW-9-101-A-050312-1215	1.0 U	µg/L

Notes:

J Estimated.

U Not detected.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

<i>Parameter</i>	<i>Associated Sample ID</i>	<i>Analyte</i>	<i>MS Recovery (percent)</i>	<i>MSD Recovery (percent)</i>	<i>RPD</i>	<i>Control Limits</i>		<i>Qualified Sample Result</i>	<i>Units</i>
						<i>Recovery (percent)</i>	<i>RPD (percent)</i>		
General Chemistry	MW-6-F-8-042512-1730	Propionic acid	69	74	7	80 - 120	20	1.0 UJ	mg/L
General Chemistry	MW-6-F-8-042512-1730	Pyruvic acid	50	46	8	80 - 120	20	1.0 UJ	mg/L

Notes:

MS Matrix Spike.

MSD Matrix Spike Duplicate.

RPD Relative Percent Difference.

UJ Not detected, estimated reporting limit.

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE RECOVERIES
GROUNDWATER MONITORING
GM COMPONENTS HOLDINGS (GMCH) FACILITY
LOCKPORT, NEW YORK
APRIL-MAY 2012

<i>Analyte</i>	<i>Spike ID</i>	<i>MS Recovery (percent)</i>	<i>Control Limits (percent)</i>	<i>Associated Samples</i>	<i>Qualified Sample Results</i>	<i>Units</i>
Sulfide	MW-12-041812-1530	79	90 - 110	MW-11-041812-1245	0.053 J	mg/L
				MW-12-041812-1530	0.10 UJ	mg/L
				MW-15-041812-0900	0.10 UJ	mg/L
Sulfate	MW-4-042012-1300	1	60 -128	MW-4-042012-1300	282 J	mg/L
				MW-7-042012-1630	232 J	mg/L
Sulfide	MW-6-F-8-042512-1730	79	90 - 110	DUP	0.10 UJ	mg/L
				MW-6-1-042512-0915	0.10 UJ	mg/L
				MW-6-2-042512-1130	0.10 UJ	mg/L
				MW-6-F-8-042512-1730	0.10 UJ	mg/L
				MW-8-4-042512-1800	0.10 UJ	mg/L

Notes:

J Estimated.
MS Matrix Spike.
UJ Not detected, estimated reporting limit.

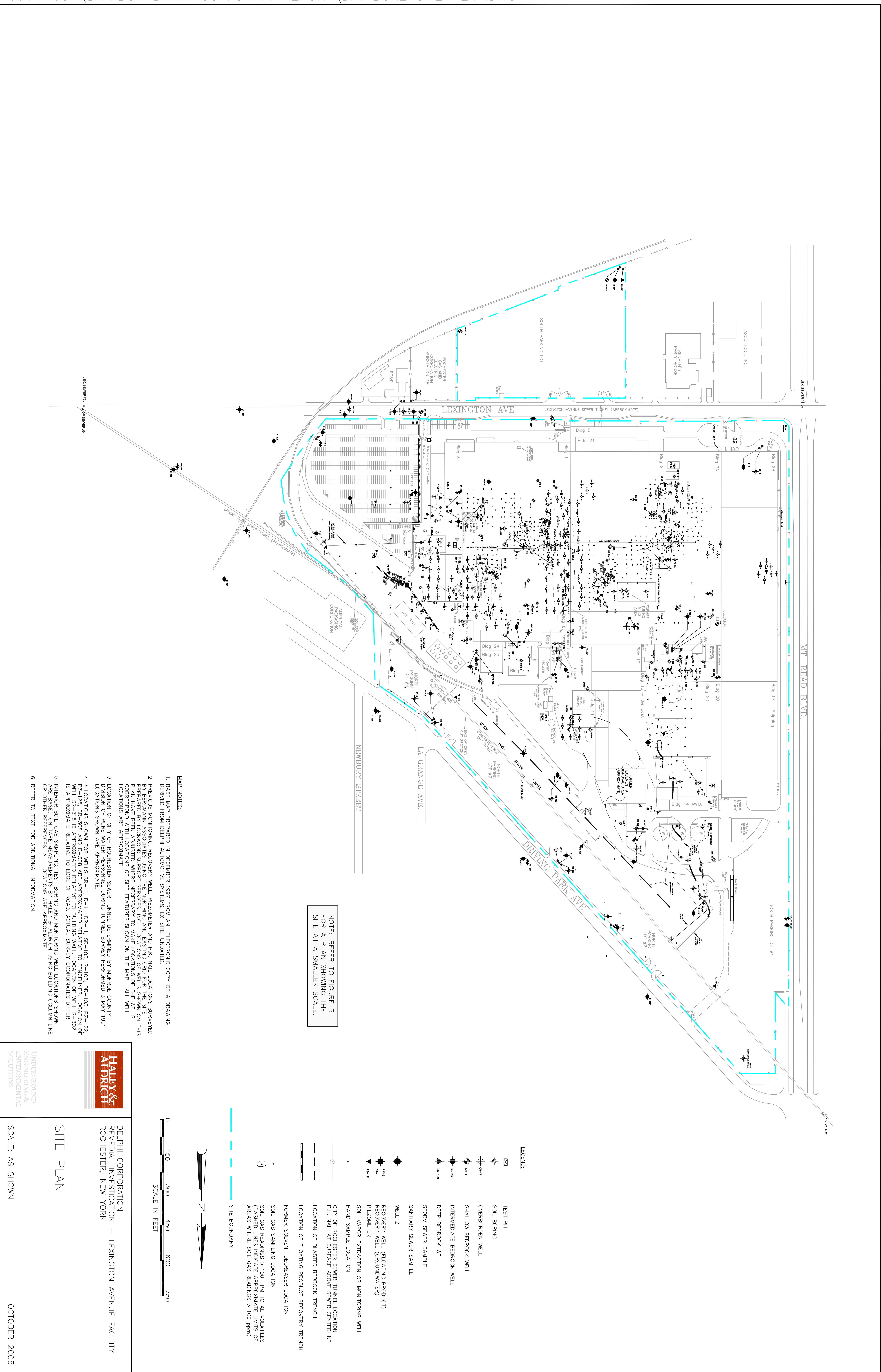
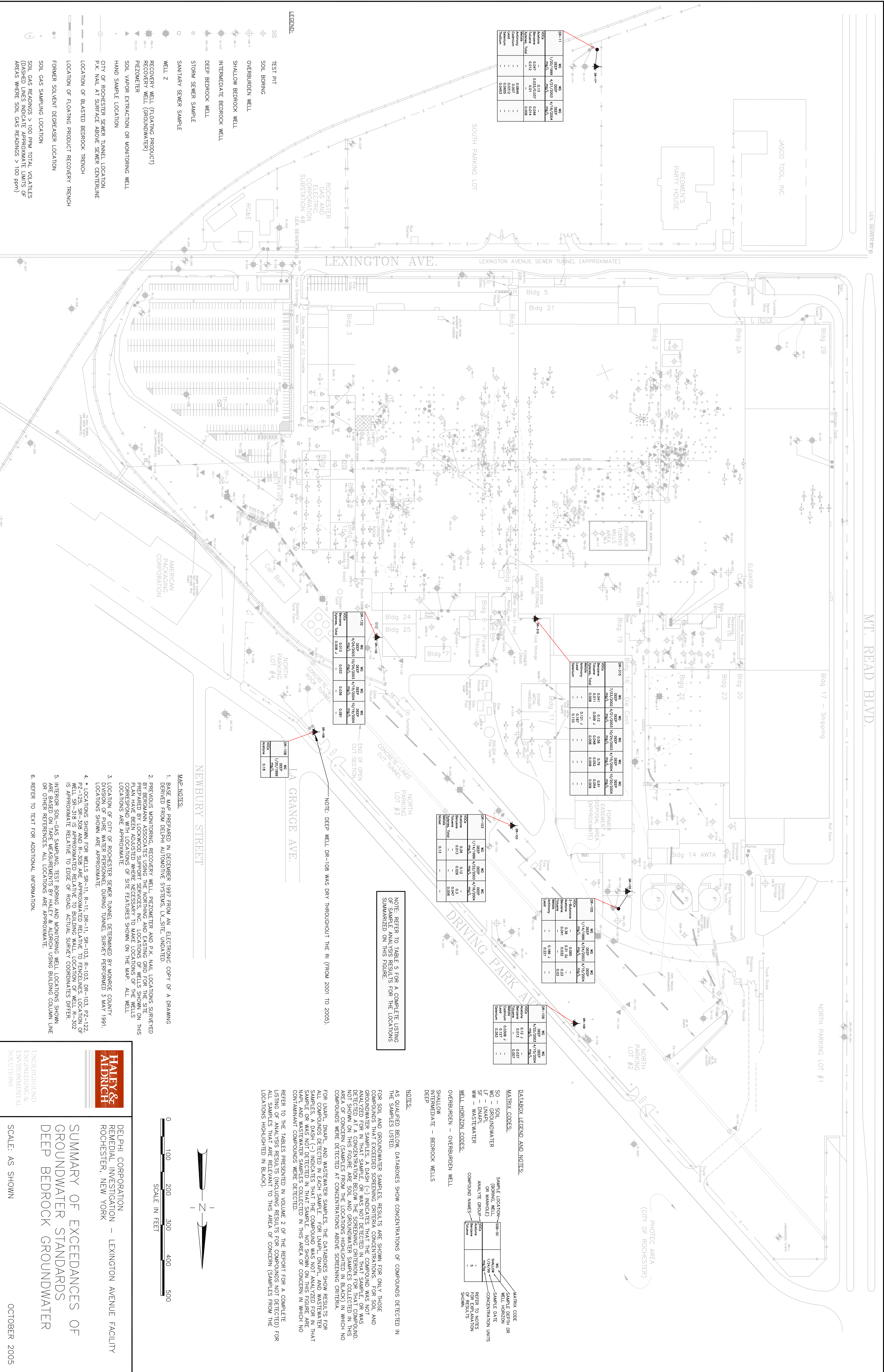
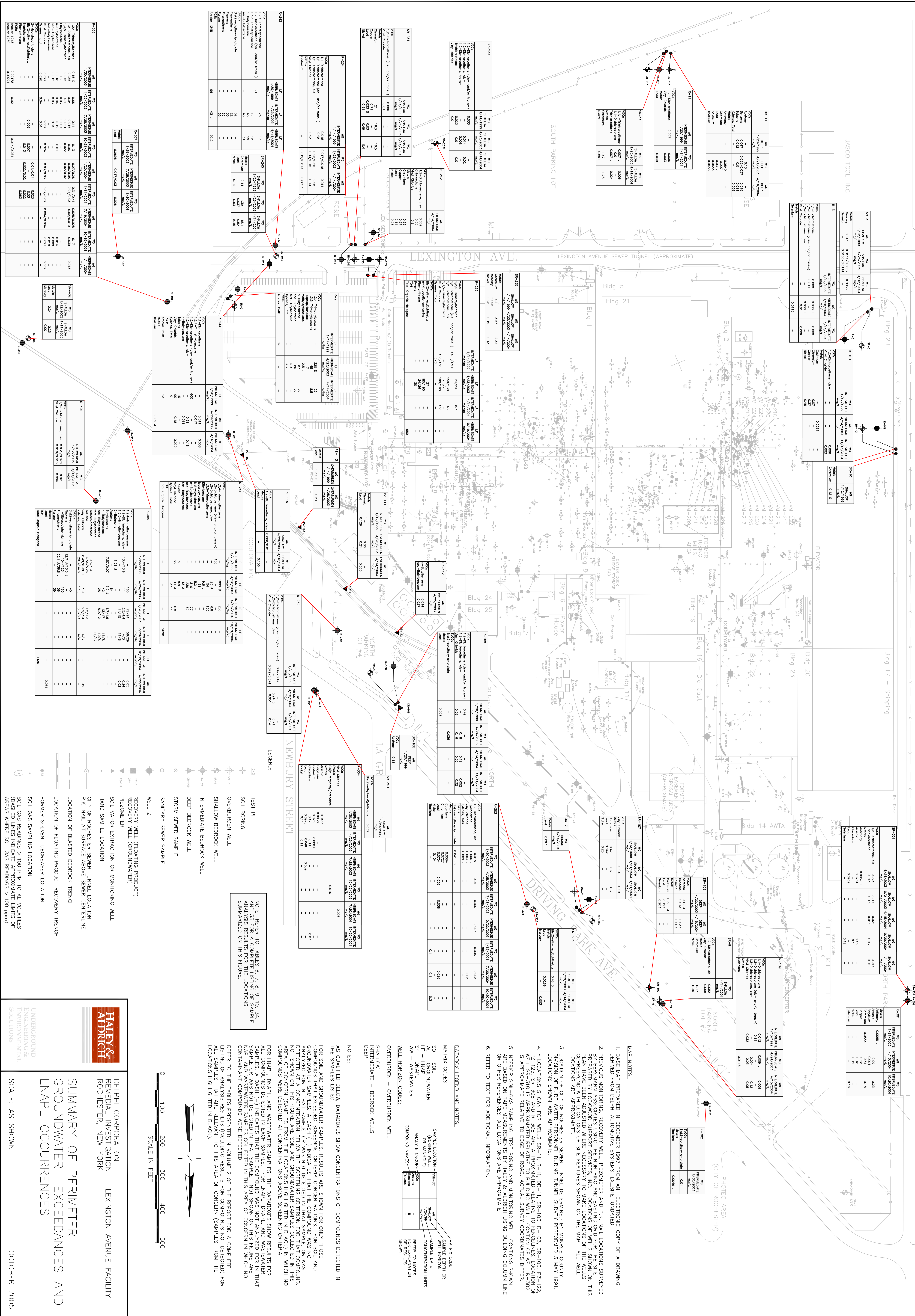
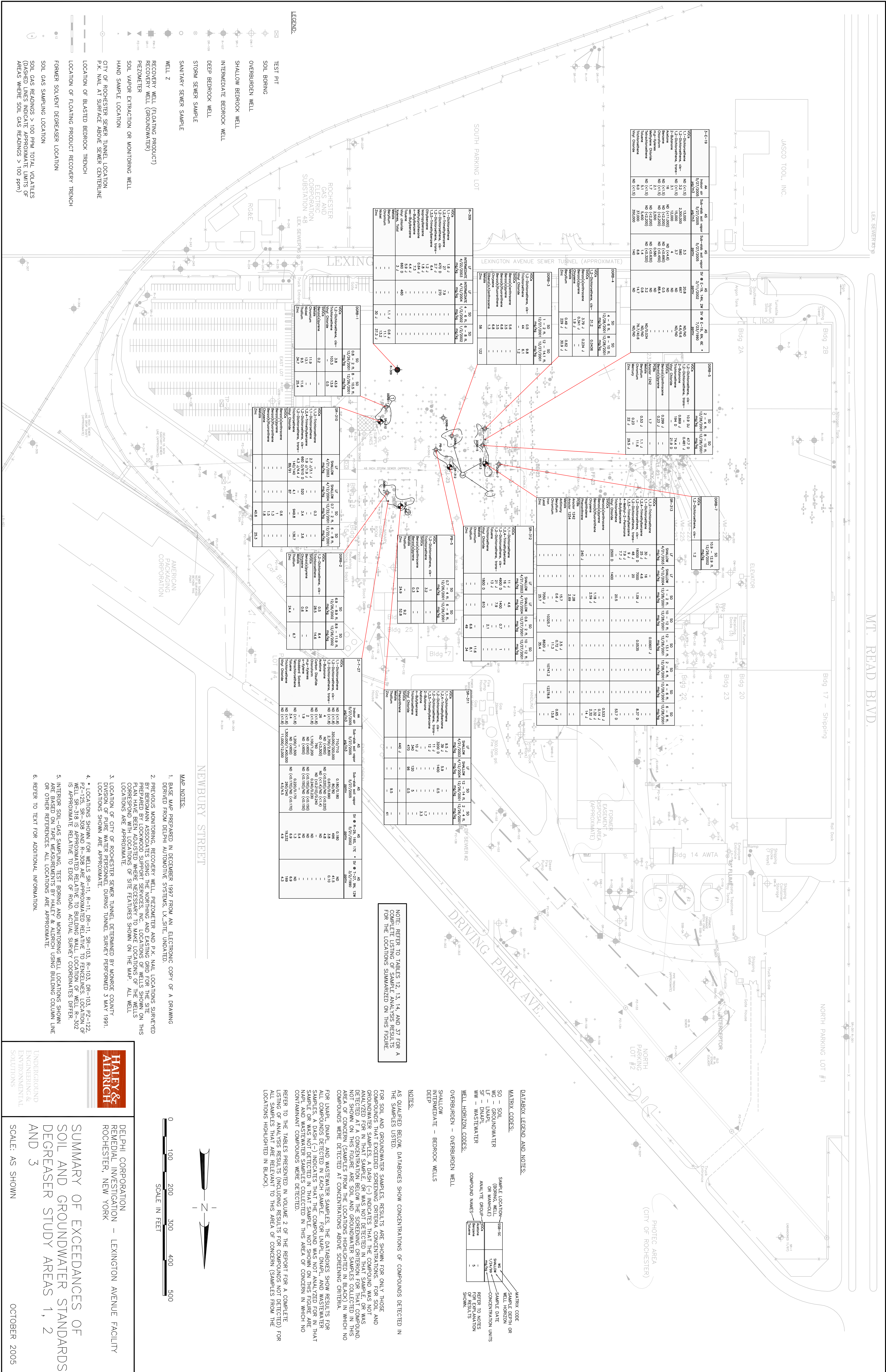


FIGURE 2







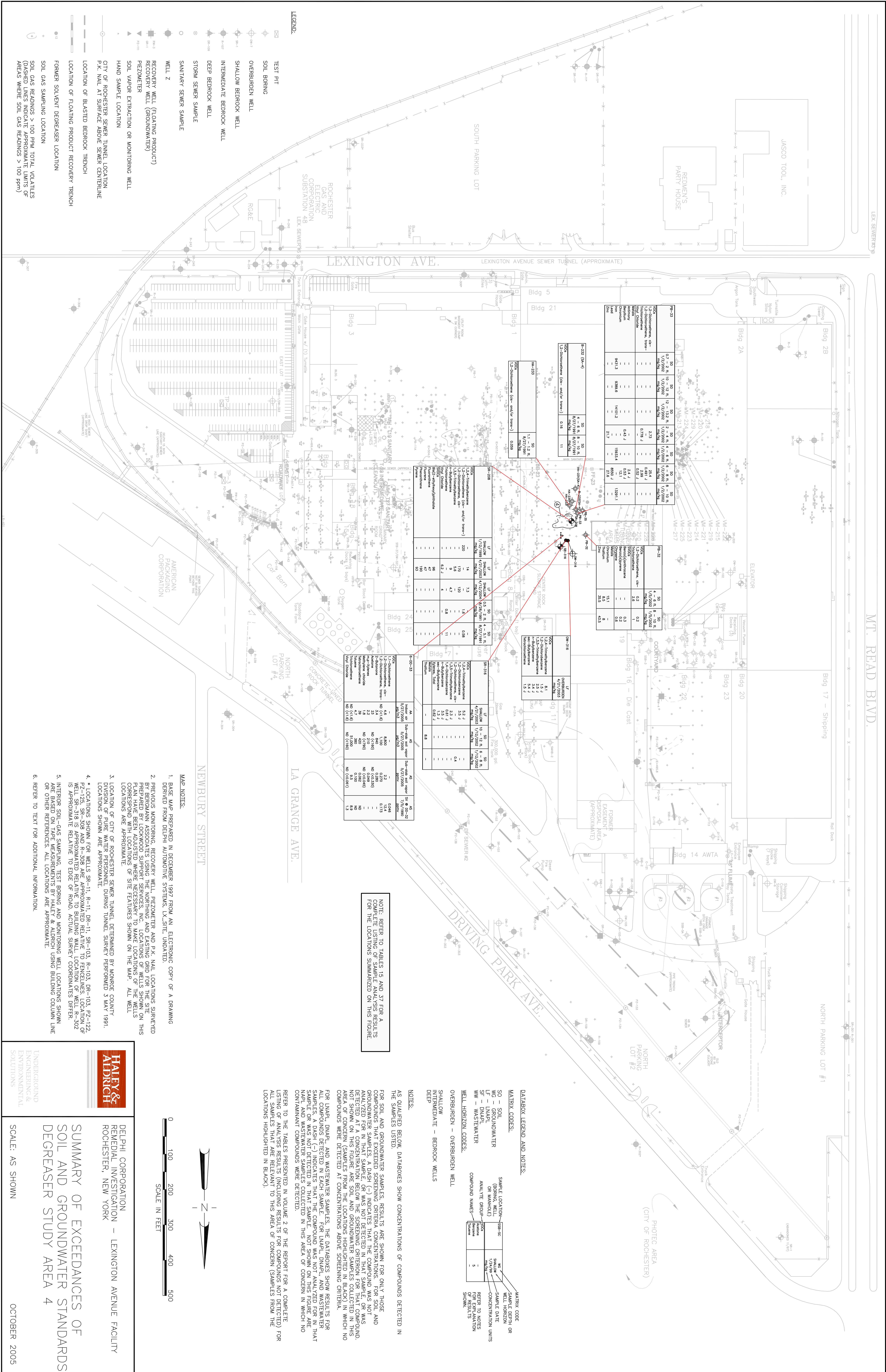
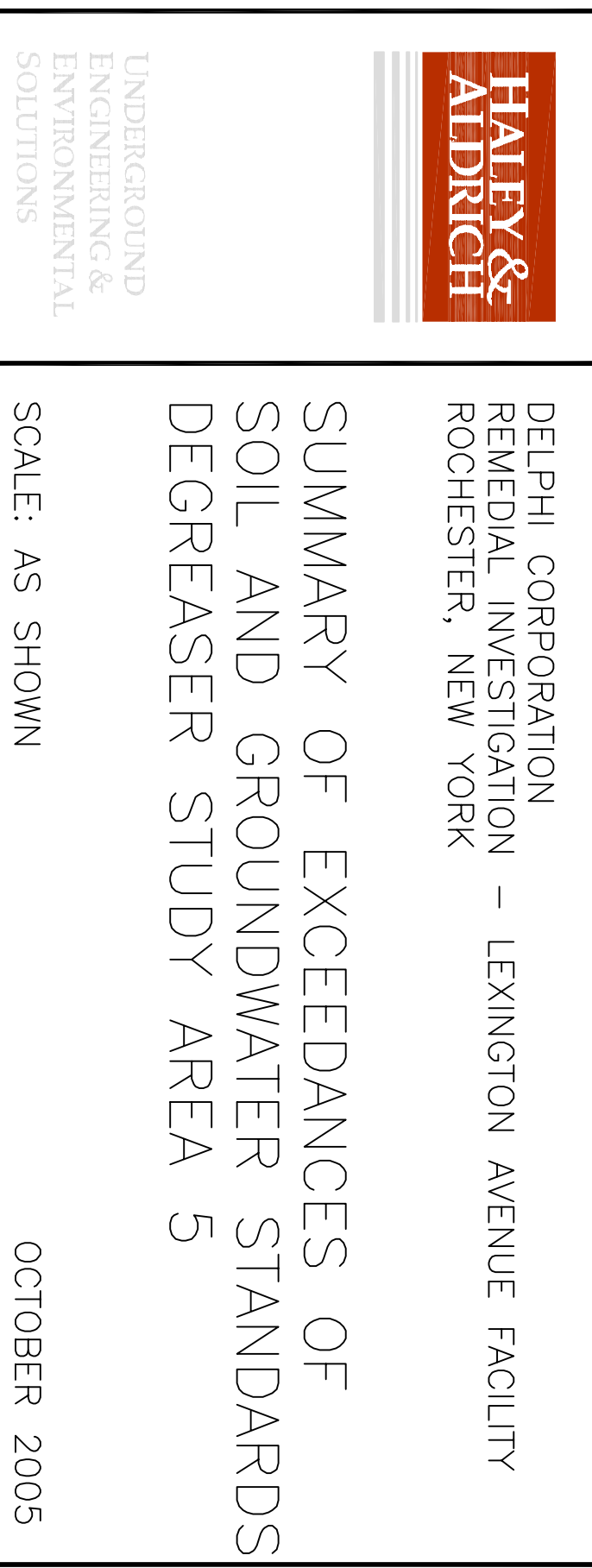


FIGURE 7



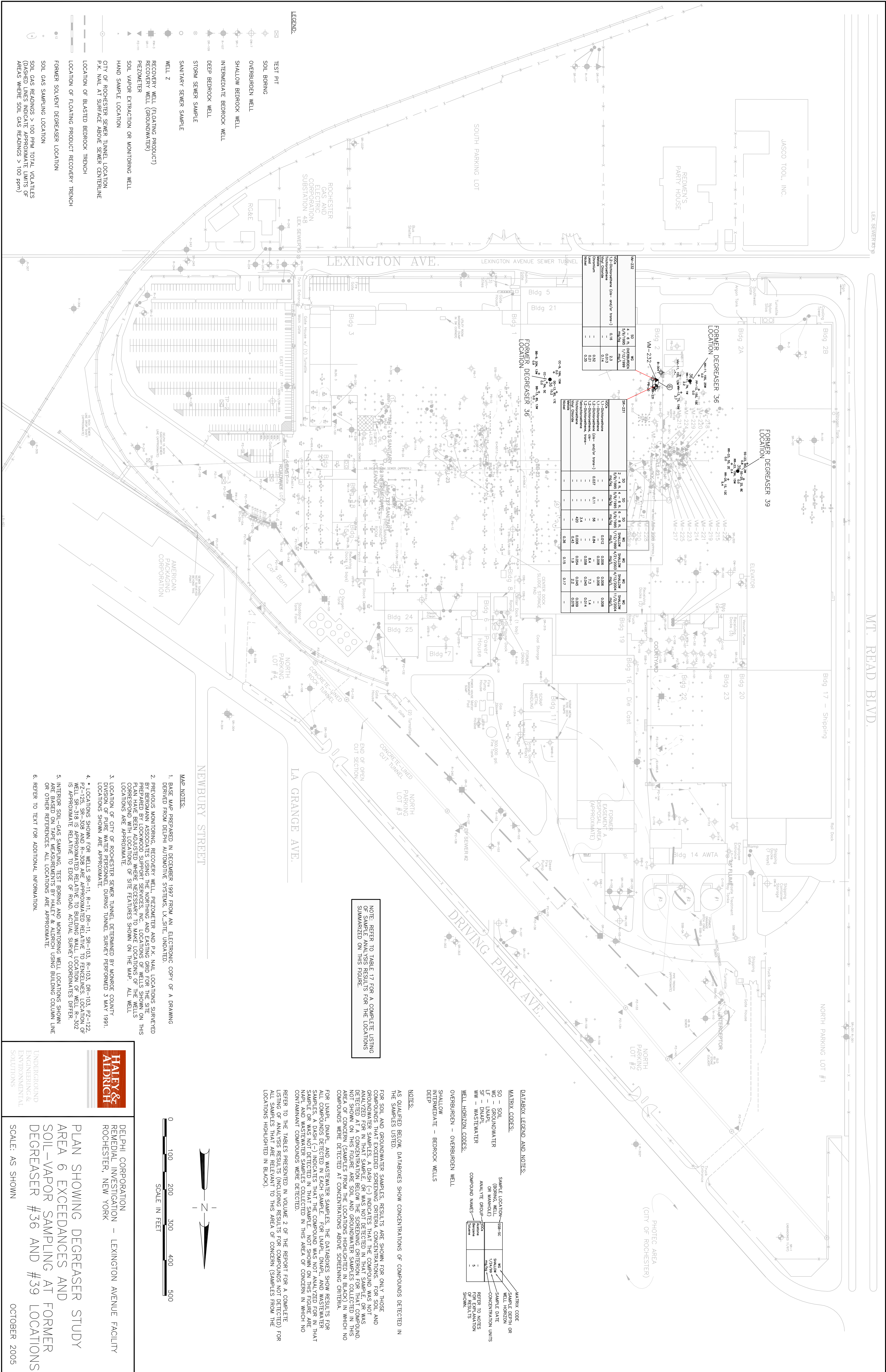


FIGURE 3

