

Voluntary Cleanup Program

Progress Report

June 2012

Former Churchville Ford Site (#V00658-8)
111 South Main Street
Village of Churchville
Monroe County, New York

This progress report covers the month of June 2012.

Activities Relative to Site for Period

In February 2010 and August 2010, the first and second sets of post-injection semi-annual groundwater samples were collected in accordance with the procedures outlined in the approved RAWP. The sample results were summarized in previous monthly reports and the FER.

No activities were conducted at the Site between the months of September 2010 and March 2011. On April 9, 2011, communication testing was completed in the workshop portion of the Site building in preparation for the design of an SSDS. On May 31, 2011, the NYSDEC approved the SSDS design and the system was installed and began operation in the building on June 9, 2011. On June 13, 2011, SSDS pressure testing was successfully completed in the building at the previously installed communication points. An SSDS inspection was completed at the Site by NYSDEC on June 14, 2011.

No activities were conducted at the Site between July 2011 and November 2011.

In December 2011, the third set of post-remedial groundwater samples were collected in accordance with the procedures outlined in the approved RAWP. Seven (7) monitoring wells were sampled including: MW-JCL-01, MW-JCL-02, MW-JCL-03, MW-1, MW-3, MW-6 and MW-13. Samples were relinquished to Paradigm Environmental Services laboratory for analysis of TCL VOCs by EPA Method 8260, and the metals iron and manganese. Results of this sampling event are included and discussed in the revised Final Engineering Report, dated July 2012 (in progress) as well as an attachment to this report.

No activities were conducted at the Site between the months of January 2012 and May 2012.

In January 2012, the Site Management Plan (SMP) was approved by the NYSDEC. On May 30, 2012, 1 drum of purge water and 9 drums of soil cuttings were disposed of from the site. The drums contained waste from remedial injection well installations and groundwater sampling activities, were transported by Freehold Cartage Inc. and disposed of at the EQ Detroit Inc. facility in Detroit, Michigan.

On June 15, 2012, the first set of bi-annual groundwater samples were collected, and the SSDS system and Site cap were inspected as part of the annual requirements set forth in the approved SMP. Per the SMP, monitoring wells MW-03, MW-06, MW-13 and MW-JCL-02 were sampled for TCL VOCs and the metals iron and manganese.

Activities Anticipated for Next Period

No on-Site activities are planned for next month. The next anticipated activity at the Site will be the second round of bi-annual groundwater sampling and EC/IC inspection (SSDS check and Site cap inspection) and submission of the annual report per the requirements outlined in the approved SMP, likely in December 2012.

Approved Site Activity Modifications

There were no modifications made to Site activities during this period.

Sampling Results

Post-remedial groundwater sample results from August 2010 revealed a significant decrease in concentrations of the chlorinated volatile organic compounds (CVOCs) of concern over pre-remedial conditions. The majority of contaminants of concern in source area wells MW-01, MW-03 were either not detected or were detected at concentrations below applicable NYSDEC standards, with the exception of tetrachloroethene detected in MW-03 at 16.2 ug/L. CVOCs TCE and cis-1,2-dichloroethene were the only compounds detected above regulatory standards in source area well MW-JCL-02 during this event at concentrations of 23.1 ug/L and 29 ug/L, respectively. Down-gradient well MW-13 revealed no detections of contaminants of concern in August 2010.

Sample results from December 2011 indicated an increase in concentrations of CVOCs in source area wells MW-01, MW-03 and MW-JCL-02 since August 2010. The reason for this increase is not known. Contaminant concentrations of the compounds dichlorodifluoromethane and tetrachloroethene increased since August 2010 in MW-06, but remained lower than in pre-remedial samples. These two compounds slightly exceeded applicable regulatory standards. Down-gradient well MW-13 sample results remained below regulatory standards. The contaminants TCE and cis-1,2-dichloroethene were detected in MW-13 at concentrations below regulatory standards. No VOCs were detected in wells MW-JCL-01 or MW-JCL-03 during this event.

Results of the June 2012 samples were generally consistent with the December 2011 sample results. Source area well MW-01 was not sampled in June 2012 per the approved SMP. The concentrations of dichlorodifluoromethane and PCE increased slightly in MW-06 (inside building) since December 2011, still exceeding regulatory standards (17.4 ug/L & 14.7 ug/L, respectively). The concentration of TCE decreased slightly (2.22 ug/L) in this well and remained below the applicable regulatory standard of 5 ug/L. The total CVOC concentration in source area well MW-03 was 25,538 ug/L in December 2011 and 25,800 ug/L in June 2012. The total CVOC concentration in source area well MW-JCL-02 was 1,013.6 ug/L in December 2011 and 7,250 ug/L in June 2012. The cause for the increase in MW-JCL-02 is not known. It is noted that no VOCs were detected in nearby down-gradient well MW-13 in the June 2012 sample. Analytical results from the June 2012 sampling event are included as attachments to this report.

Outstanding Items

- FER submission: It is anticipated that the revised FER will be submitted by July 20, 2012. All deficiencies and required documentation cited in NYSDEC's FER disapproval letter dated November 22, 2011 has been received and is being incorporated into the revised FER (in progress).
- Status of EDD's for the 2011 and 2012 groundwater sampling events: Lu Engineers has an electronic copy of the December 2011 sampling event EDD, which will be provided with the revised FER submission. Lu Engineers is awaiting receipt of the June 2012 sampling event EDD and will forward a copy to NYSDEC upon receipt.
- It is anticipated that transfer of ownership notifications, as specified in the SMP and VCA will be provided to NYSDEC at the time of the revised FER submission.

Former Churchville Ford Site (#V00658-8)

Village of Churchville
Town of Riga

Table 1 Groundwater Results - VOCs

Detected Parameters ¹	NYS Groundwater Standard ²	MW-01			MW-03			MW-06			MW-13						
		Pre- Remediation	Post Remediation		Pre- Remediation	Post Remediation		Pre- Remediation	Post Remediation		Pre- Remediation	During Remediation			Post Remediation		
		Jun-07	Aug-10	Dec-11	Jun-07	Aug-10	Dec-11	Jun-07	Aug-10	Dec-11	Jun-07	Jul-09	Oct-09	Jan-10	Feb-10	Aug-10	Dec-11
Acetone	50*	ND	104	ND	ND	52.9 B	ND	ND	62.2 J	ND	ND	ND	ND	ND	ND	6.94 JB	ND
Benzene	1	ND	0.786	ND	ND	0.742	ND	ND	0.383 J	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone (2-butanone)	50*	ND	9.14 J	ND	ND	7.53 J	ND	ND	5.53 J	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	1.17 J	ND	ND	1.46 J	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5		4.50 J	21.3		98.2	128 J		3.80 J	5.86					ND	ND	ND
1,1-Dichloroethane	5	ND	1.17 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-Tert-Butyl Ether (MTBE)	10*		1.71 J	ND		ND	ND		ND	ND					ND	ND	ND
Tetrachloroethene	5	10	ND	132	470	16.2	6,280	35	ND	11.6	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	20	ND	96.7	360	ND	10,900	8	ND	3.25	ND	ND	ND	ND	ND	ND	1.09
Vinyl chloride	2	ND	ND	10.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	620	ND	1,130	310	ND	8,230	ND	ND	ND	1	ND	ND	ND	ND	ND	1.3 J

~ parameter detected above NYS Ambient Groundwater Standard or applicable NYSDEC Guidance Value

~ parameter not analyzed

J- not detected above reporting limit

B- compound detected in associated method blank

ND- not detected above reporting limit

1-Results presentend in ug/L or parts per billion (ppb)

2-NYS Ambient Groundwater Standards (6 NYCRR Part 703.5)

*NYSDEC Guidance Value (TOGS 1.1.1)

Former Churchville Ford Site (#V00658-8)

Village of Churchville

Town of Riga

Table 1 Groundwater Results - VOCs

Detected Parameters ¹	NYS Groundwater Standard ²	MW-JCL-01							MW-JCL-02							MW-JCL-03						
		Pre- Remediation	During Remediation			Post Remediation			Pre- Remediation	During Remediation			Post Remediation			Pre- Remediation	During Remediation			Post Remediation		
		Jun-07	Jul-09	Oct-09	Jan-10	Feb-10	Aug-10	Dec-11	Jun-07	Jul-09	Oct-09	Jan-10	Feb-10	Aug-10	Dec-11	Jun-07	Jul-09	Oct-09	Jan-10	Feb-10	Aug-10	Dec-11
Acetone	50*	ND	-	-	-	-	ND	ND	ND	ND	ND	12.9	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Benzene	1	ND	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Methyl Ethyl Ketone (2-butanone)	50*	ND	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Chloroform	7	ND	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5		-	-	-	-	ND	ND					ND	ND	14.6		-			ND	ND	ND
1,1-Dichloroethane	5	ND	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
Methyl-Tert-Butyl Ether (MTBE)	10*		-	-	-	-	ND	ND					ND	ND	ND		-			ND	ND	ND
Tetrachloroethene	5	ND	-	-	-	-	ND	ND	32	67.6	3.39	ND	ND	2.68	7.00 J	ND	-	ND	ND	ND	ND	ND
Trichloroethene	5	ND	-	-	-	-	ND	ND	42	47	ND	ND	ND	23.1	410	ND	-	ND	ND	ND	ND	ND
Vinyl chloride	2	ND	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	-	-	-	-	ND	ND	60	192	ND	ND	ND	29	582	ND	-	ND	ND	ND	ND	ND

~ parameter detected above N

~ parameter not analyzed

J- not detected above reporting li

B- compound detected in associa

ND- not detected above reporting li

1-Results presentend in ug/L or parts per billion (ppb)
2-NYS Ambient Groundwater Standards (6 NYCRR Part 703.5)
*NYSDEC Guidance Value (TOGS 1.1.1)

Former Churchville Ford Site (#V00658-8)
Village of Churchville
Town of Riga

Table 2 Groundwater Results - Metals

Detected Parameters ¹	Groundwater Standards ²	MW-01		MW-03		MW-06		MW-13						MW-JCL-01		MW-JCL-02						MW-JCL-03				
		Post Remediation		Post Remediation		Post Remediation		During Remediation		Post Remediation				Post Remediation		During Remediation			Post Remediation			During Remediation		Post Remediation		
		Aug-10	Dec-11	Aug-10	Dec-11	Aug-10	Dec-11	Jul-09	Oct-09	Jan-10	Feb-10	Aug-10	Dec-11	Aug-10	Dec-11	Jul-09	Oct-09	Jan-10	Feb-10	Aug-10	Dec-11	Oct-09	Jan-10	Feb-10	Aug-10	Dec-11
Aluminum	-	-	-	-	-	-	-	ND	715	32,300	30,300	-	-	-	-	349	234	5,090	3,610	-	-	1,270	12,800	5,670	-	-
Antimony	3	-	-	-	-	-	-	ND	ND	ND	ND	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	-	-
Arsenic	25	-	-	-	-	-	-	ND	17	13	12	-	-	-	-	ND	ND	ND	ND	-	-	ND	10	ND	-	-
Barium	1,000	-	-	-	-	-	-	134	193	329	323	-	-	-	-	78	75	347	ND	-	-	73	216	87	-	-
Beryllium	3*	-	-	-	-	-	-	ND	ND	ND	ND	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	-	-
Cadmium	5	-	-	-	-	-	-	14	ND	ND	ND	-	-	-	-	10	ND	ND	ND	-	-	8	ND	16	-	-
Calcium	-	-	-	-	-	-	-	80,900	108,000	215,000	203,000	-	-	-	-	67,000	79,900	102,000	78,600	-	-	145,000	186,000	153,000	-	-
Chromium	50	-	-	-	-	-	-	ND	ND	38	36	-	-	-	-	ND	ND	ND	ND	-	-	ND	20	ND	-	-
Cobalt	-	-	-	-	-	-	-	ND	ND	21	18	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	-	-
Copper	200	-	-	-	-	-	-	ND	ND	39	36	-	-	-	-	ND	ND	ND	ND	-	-	ND	19	ND	-	-
Iron	300**	ND	472	468	1,170	3,760	433	7,300	1,640	40,600	38,300	1,790	1,210	639	3,510	5,680	2,450	31,600	5,210	145	1,220	1,610	20,000	6,500	8,610	3,740
Lead	25	-	-	-	-	-	-	ND	ND	53	ND	-	-	-	-	ND	ND	ND	ND	-	-	ND	16	ND	-	-
Magnesium	35,000*	-	-	-	-	-	-	17,800	23,400	62,400	60,000	-	-	-	-	49,700	65,000	72,600	65,800	-	-	70,400	88,400	81,200	-	-
Manganese	300**	117,000	3,710	24,600	4,550	78,000	834	302	648	1,580	1,570	501	674	29	146	50	2,360	38,000	25,400	622	1,520	49	324	141	187	277
Mercury	0.7		-	-	-	-	-	ND	ND	ND	ND	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	-	-
Nickel	100		-	-	-	-	-	ND	ND	44	ND	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	-	-
Potassium	-		-	-	-	-	-	3,410	4,310	13,800	12,800	-	-	-	-	39,200	6,220	10,400	12,600	-	-	3,520	7,510	5,220	-	-
Selenium	10		-	-	-	-	-	8	ND	ND	ND	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	-	-
Silver	50		-	-	-	-	-	ND	ND	ND	ND	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	-	-
Sodium	20,000		-	-	-	-	-	14,000	15,200	13,100	42,800	-	-	-	-	38,000	22,300	87,100	113,000	-	-	79,900	51,500	155,000	-	-
Thallium	0.5*		-	-	-	-	-	ND	ND	ND	ND	-	-	-	-	ND	ND	ND	ND	-	-	ND	ND	ND	-	-
Vanadium	-		-	-	-	-	-	ND	16	61	57	-	-	-	-	ND	ND	ND	ND	-	-	ND	26	10	-	-
Zinc	2,000*		-	-	-	-	-	ND	29	524	504	-	-	-	-	199	23	560	ND	-	-	31	119	36	-	-

~ parameter detected above NYS Ambient Groundwater Standard or applicable NYSDEC Guidance Value

~ parameter not anlylzed

J- not detected above reporting limit

B- compound detected in associated method blank

ND- not detected above reporting limit

Note: For each well represented, results are only illustrated for sampling events in which metals analysis was conducted (no pre-remedial metals analysis performed)

1-Results presentend in parts per billion (ppb)
2-NYS Ambient Groundwater Standards (6 NYCRR Part 703.5)
*NYSDEC Guidance Value (TOGS 1.1.1)
**Sum total of Iron and Manganese results is 500 ug/L per NYSDEC Part 703.5 Class GA groundwater standards

December 2011 Sample Results



PARADIGM
ENVIRONMENTAL SERVICES, INC.

19 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR METALS ANALYSIS IN WATER

Client: Lu Engineers
Client Job Site: Former Churchville Ford Site
GW Monitoring
Client Job No.: 5701-11

Lab Project No.: 11-5626A

Sample Type: Water
Method: SW846 3005/6010

Date Sampled: 12/29/2011
Date Received: 12/29/2011
Date Analyzed: 01/04-05/2011

Lab Sample No.	Field ID No.	Field Location	Iron Results (mg/L)	Manganese Results (mg/L)
18399	N/A	MW01-12/29/11	0.472	3.71
18400	N/A	CF-MW03-12/29/11	1.17	4.55
18401	N/A	CF-MW06-12/29/11	0.433	0.834
18402	N/A	CF-MW13-12/29/11	1.21	0.674
18403	N/A	CF-MW-JCL01-12/29/11	3.51	0.146
18404	N/A	CF-MW-JCL02DUP-12/29/11	2.06	1.52
18405	N/A	CF-MW-JCL02-12/29/11	1.22	1.52
18406	N/A	CF-MW-JCL03-12/29/11	3.74	0.277

ELAP ID No.: 10958

Comments:

Approved By: Valm Miller for:
Bruce Hoogesteger, Technical Director

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers

Client Job Site: Former Churchville Ford Site
GW Monitoring
Client Job Number: 5701-11
Field Location: CF-MW01-12/29/11
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 11-5626A
Lab Sample Number: 18399
Date Sampled: 12/29/2011
Date Received: 12/29/2011
Date Analyzed: 01/03/2012

Compound	Results in ug / L
Acetone	< 100
Benzene	< 7.00
Bromochloromethane	< 50.0
Bromodichloromethane	< 20.0
Bromoform	< 50.0
Bromomethane	< 20.0
2-Butanone	< 100
Carbon disulfide	< 20.0
Carbon Tetrachloride	< 20.0
Chlorobenzene	< 20.0
Chloroethane	< 20.0
Chloroform	< 20.0
Chloromethane	< 20.0
Cyclohexane	< 100
Dibromochloromethane	< 20.0
1,2-Dibromo-3-Chloropropane	< 100
1,2-Dibromoethane	< 20.0
1,2-Dichlorobenzene	< 20.0
1,3-Dichlorobenzene	< 20.0
1,4-Dichlorobenzene	< 20.0
Dichlorodifluoromethane	21.3
1,1-Dichloroethane	< 20.0
1,2-Dichloroethane	< 20.0
1,1-Dichloroethene	< 20.0
cis-1,2-Dichloroethene	1,130
trans-1,2-Dichloroethene	< 20.0

Compound	Results in ug / L
1,2-Dichloropropane	< 20.0
cis-1,3-Dichloropropene	< 20.0
trans-1,3-Dichloropropene	< 20.0
1,4-Dioxane	< 200
Ethylbenzene	< 20.0
Freon 113	< 20.0
2-Hexanone	< 50.0
Isopropylbenzene	< 20.0
Methyl acetate	< 20.0
Methyl tert-butyl Ether	< 20.0
Methylcyclohexane	< 20.0
Methylene chloride	< 50.0
4-Methyl-2-pentanone	< 50.0
Styrene	< 50.0
1,1,2,2-Tetrachloroethane	< 20.0
Tetrachloroethene	132
Toluene	< 20.0
1,2,3-Trichlorobenzene	< 50.0
1,2,4-Trichlorobenzene	< 50.0
1,1,1-Trichloroethane	< 20.0
1,1,2-Trichloroethane	< 20.0
Trichloroethene	96.7
Trichlorofluoromethane	< 20.0
Vinyl chloride	J 10.3
m,p-Xylene	< 20.0
o-Xylene	< 20.0

ELAP Number 10958

Method: EPA 8260B

Data File: V94620.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

115626V1.XLS



Volatile Analysis Report for Non-potable Water

Client: Lu Engineers

Client Job Site:	Former Churchville Ford Site	Lab Project Number:	11-5626A
	GW Monitoring	Lab Sample Number:	18399
Client Job Number:	5701-11	Date Sampled:	12/29/2011
Field Location:	CF-MW01-12/29/11	Date Received:	12/29/2011
Field ID Number:	N/A	Date Analyzed:	01/03/2012
Sample Type:	Water		

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
None Found	N/A	N/A	< 50.0	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94620.D

Comments: ug / L = microgram per Liter

Signature: _____

M. Hil for
Bruce Hoogesteger: Technical Director

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers**Client Job Site:** Former Churchville Ford Site
GW Monitoring**Client Job Number:** 5701-11**Field Location:** CF-MW03-12/29/11**Field ID Number:** N/A**Sample Type:** Water**Lab Project Number:** 11-5626A**Lab Sample Number:** 18400**Date Sampled:** 12/29/2011**Date Received:** 12/29/2011**Date Analyzed:** 01/03/2012

Compound	Results in ug / L
Acetone	< 1,000
Benzene	< 70.0
Bromochloromethane	< 500
Bromodichloromethane	< 200
Bromoform	< 500
Bromomethane	< 200
2-Butanone	< 1,000
Carbon disulfide	< 200
Carbon Tetrachloride	< 200
Chlorobenzene	< 200
Chloroethane	< 200
Chloroform	< 200
Chloromethane	< 200
Cyclohexane	< 1,000
Dibromochloromethane	< 200
1,2-Dibromo-3-Chloropropane	< 1,000
1,2-Dibromoethane	< 200
1,2-Dichlorobenzene	< 200
1,3-Dichlorobenzene	< 200
1,4-Dichlorobenzene	< 200
Dichlorodifluoromethane	J 128
1,1-Dichloroethane	< 200
1,2-Dichloroethane	< 200
1,1-Dichloroethene	< 200
cis-1,2-Dichloroethene	8,230
trans-1,2-Dichloroethene	< 200

Compound	Results in ug / L
1,2-Dichloropropane	< 200
cis-1,3-Dichloropropene	< 200
trans-1,3-Dichloropropene	< 200
1,4-Dioxane	< 2,000
Ethylbenzene	< 200
Freon 113	< 200
2-Hexanone	< 500
Isopropylbenzene	< 200
Methyl acetate	< 200
Methyl tert-butyl Ether	< 200
Methylcyclohexane	< 200
Methylene chloride	< 500
4-Methyl-2-pentanone	< 500
Styrene	< 500
1,1,2,2-Tetrachloroethane	< 200
Tetrachloroethene	6,280
Toluene	< 200
1,2,3-Trichlorobenzene	< 500
1,2,4-Trichlorobenzene	< 500
1,1,1-Trichloroethane	< 200
1,1,2-Trichloroethane	< 200
Trichloroethene	10,900
Trichlorofluoromethane	< 200
Vinyl chloride	< 200
m,p-Xylene	< 200
o-Xylene	< 200

ELAP Number 10958

Method: EPA 8260B

Data File: V94621.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

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115626V2.XLS



Volatile Analysis Report for Non-potable Water

Client: Lu Engineers

Client Job Site:	Former Churchville Ford Site	Lab Project Number:	11-5626A
	GW Monitoring	Lab Sample Number:	18400
Client Job Number:	5701-11	Date Sampled:	12/29/2011
Field Location:	CF-MW03-12/29/11	Date Received:	12/29/2011
Field ID Number:	N/A	Date Analyzed:	01/03/2012
Sample Type:	Water		

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
None Found	N/A	N/A	< 500	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94621.D

Comments: ug / L = microgram per Liter

Signature: _____

M. Hoogesteger
Bruce Hoogesteger: Technical Director

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115626V2.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers**Client Job Site:** Former Churchville Ford Site
GW Monitoring**Client Job Number:** 5701-11**Field Location:** CF-MW06-12/29/11**Field ID Number:** N/A**Sample Type:** Water**Lab Project Number:** 11-5626A**Lab Sample Number:** 18401**Date Sampled:** 12/29/2011**Date Received:** 12/29/2011**Date Analyzed:** 01/03/2012

Compound	Results in ug / L
Acetone	< 10.0
Benzene	< 0.700
Bromochloromethane	< 5.00
Bromodichloromethane	< 2.00
Bromoform	< 5.00
Bromomethane	< 2.00
2-Butanone	< 10.0
Carbon disulfide	< 2.00
Carbon Tetrachloride	< 2.00
Chlorobenzene	< 2.00
Chloroethane	< 2.00
Chloroform	< 2.00
Chloromethane	< 2.00
Cyclohexane	< 10.0
Dibromochloromethane	< 2.00
1,2-Dibromo-3-Chloropropane	< 10.0
1,2-Dibromoethane	< 2.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00
Dichlorodifluoromethane	5.86
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	< 2.00
trans-1,2-Dichloroethene	< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
1,4-Dioxane	< 20.0
Ethylbenzene	< 2.00
Freon 113	< 2.00
2-Hexanone	< 5.00
Isopropylbenzene	< 2.00
Methyl acetate	< 2.00
Methyl tert-butyl Ether	< 2.00
Methylcyclohexane	< 2.00
Methylene chloride	< 5.00
4-Methyl-2-pentanone	< 5.00
Styrene	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	11.6
Toluene	< 2.00
1,2,3-Trichlorobenzene	< 5.00
1,2,4-Trichlorobenzene	< 5.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	3.25
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00

ELAP Number 10958

Method: EPA 8260B

Data File: V94608.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

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115626V3.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers**Client Job Site:** Former Churchville Ford Site
GW Monitoring**Lab Project Number:** 11-5626A**Lab Sample Number:** 18401**Client Job Number:** 5701-11**Field Location:** CF-MW06-12/29/11**Date Sampled:** 12/29/2011**Field ID Number:** N/A**Date Received:** 12/29/2011**Sample Type:** Water**Date Analyzed:** 01/03/2012

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
Unknown	N/A	12.12	B 8.62	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94608.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

115626V3.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers**Client Job Site:** Former Churchville Ford Site
GW Monitoring**Lab Project Number:** 11-5626A**Lab Sample Number:** 18402**Client Job Number:** 5701-11**Field Location:** CF-MW13-12/29/11**Date Sampled:** 12/29/2011**Field ID Number:** N/A**Date Received:** 12/29/2011**Sample Type:** Water**Date Analyzed:** 01/03/2012

Compound	Results in ug / L
Acetone	< 10.0
Benzene	< 0.700
Bromochloromethane	< 5.00
Bromodichloromethane	< 2.00
Bromoform	< 5.00
Bromomethane	< 2.00
2-Butanone	< 10.0
Carbon disulfide	< 2.00
Carbon Tetrachloride	< 2.00
Chlorobenzene	< 2.00
Chloroethane	< 2.00
Chloroform	< 2.00
Chloromethane	< 2.00
Cyclohexane	< 10.0
Dibromochloromethane	< 2.00
1,2-Dibromo-3-Chloropropane	< 10.0
1,2-Dibromoethane	< 2.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00
Dichlorodifluoromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	J 1.30
trans-1,2-Dichloroethene	< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
1,4-Dioxane	< 20.0
Ethylbenzene	< 2.00
Freon 113	< 2.00
2-Hexanone	< 5.00
Isopropylbenzene	< 2.00
Methyl acetate	< 2.00
Methyl tert-butyl Ether	< 2.00
Methylcyclohexane	< 2.00
Methylene chloride	< 5.00
4-Methyl-2-pentanone	< 5.00
Styrene	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	< 2.00
Toluene	< 2.00
1,2,3-Trichlorobenzene	< 5.00
1,2,4-Trichlorobenzene	< 5.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	J 1.09
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00

ELAP Number 10958

Method: EPA 8260B

Data File: V94609.D

Comments: ug / L = microgram per Liter

Signature: _____



Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

115626V4.XLS



Volatile Analysis Report for Non-potable Water

Client: Lu Engineers

Client Job Site: Former Churchville Ford Site
GW Monitoring

Client Job Number: 5701-11
Field Location: CF-MW13-12/29/11
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 11-5626A
Lab Sample Number: 18402

Date Sampled: 12/29/2011
Date Received: 12/29/2011
Date Analyzed: 01/03/2012

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
Unknown	N/A	12.12	B 5.65	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94609.D

Comments: ug / L = microgram per Liter

Signature: _____

M. Hoogesteger for:

Bruce Hoogesteger: Technical Director

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115626V4.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers

Client Job Site: Former Churchville Ford Site
GW Monitoring
Client Job Number: 5701-11
Field Location: CF-MW-JCL01-12/29/11
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 11-5626A
Lab Sample Number: 18403
Date Sampled: 12/29/2011
Date Received: 12/29/2011
Date Analyzed: 01/03/2012

Compound	Results in ug / L
Acetone	< 10.0
Benzene	< 0.700
Bromochloromethane	< 5.00
Bromodichloromethane	< 2.00
Bromoform	< 5.00
Bromomethane	< 2.00
2-Butanone	< 10.0
Carbon disulfide	< 2.00
Carbon Tetrachloride	< 2.00
Chlorobenzene	< 2.00
Chloroethane	< 2.00
Chloroform	< 2.00
Chloromethane	< 2.00
Cyclohexane	< 10.0
Dibromochloromethane	< 2.00
1,2-Dibromo-3-Chloropropane	< 10.0
1,2-Dibromoethane	< 2.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00
Dichlorodifluoromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	< 2.00
trans-1,2-Dichloroethene	< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
1,4-Dioxane	< 20.0
Ethylbenzene	< 2.00
Freon 113	< 2.00
2-Hexanone	< 5.00
Isopropylbenzene	< 2.00
Methyl acetate	< 2.00
Methyl tert-butyl Ether	< 2.00
Methylcyclohexane	< 2.00
Methylene chloride	< 5.00
4-Methyl-2-pentanone	< 5.00
Styrene	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	< 2.00
Toluene	< 2.00
1,2,3-Trichlorobenzene	< 5.00
1,2,4-Trichlorobenzene	< 5.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	< 2.00
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00

ELAP Number 10958

Method: EPA 8260B

Data File: V94610.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

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115626V5.XLS



Volatile Analysis Report for Non-potable Water

Client: Lu Engineers

Client Job Site:	Former Churchville Ford Site	Lab Project Number:	11-5626A
	GW Monitoring	Lab Sample Number:	18403
Client Job Number:	5701-11	Date Sampled:	12/29/2011
Field Location:	CF-MW-JCL01-12/29/11	Date Received:	12/29/2011
Field ID Number:	N/A	Date Analyzed:	01/03/2012
Sample Type:	Water		

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
None Found	N/A	N/A	< 5.00	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94610.D

Comments: ug / L = microgram per Liter

Signature: _____

M. Hoogesteger
for:
Bruce Hoogesteger: Technical Director

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115626V5.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers

Client Job Site: Former Churchville Ford Site
GW Monitoring
Client Job Number: 5701-11
Field Location: CF-MW-JCL02Dup-12/29/11
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 11-5626A
Lab Sample Number: 18404
Date Sampled: 12/29/2011
Date Received: 12/29/2011
Date Analyzed: 01/05/2012

Compound	Results in ug / L
Acetone	< 50.0
Benzene	< 3.50
Bromochloromethane	< 25.0
Bromodichloromethane	< 10.0
Bromoform	< 25.0
Bromomethane	< 10.0
2-Butanone	< 50.0
Carbon disulfide	< 10.0
Carbon Tetrachloride	< 10.0
Chlorobenzene	< 10.0
Chloroethane	< 10.0
Chloroform	< 10.0
Chloromethane	< 10.0
Cyclohexane	< 50.0
Dibromochloromethane	< 10.0
1,2-Dibromo-3-Chloropropane	< 50.0
1,2-Dibromoethane	< 10.0
1,2-Dichlorobenzene	< 10.0
1,3-Dichlorobenzene	< 10.0
1,4-Dichlorobenzene	< 10.0
Dichlorodifluoromethane	14.6
1,1-Dichloroethane	< 10.0
1,2-Dichloroethane	< 10.0
1,1-Dichloroethene	< 10.0
cis-1,2-Dichloroethene	582
trans-1,2-Dichloroethene	< 10.0

Compound	Results in ug / L
1,2-Dichloropropane	< 10.0
cis-1,3-Dichloropropene	< 10.0
trans-1,3-Dichloropropene	< 10.0
1,4-Dioxane	< 100
Ethylbenzene	< 10.0
Freon 113	< 10.0
2-Hexanone	< 25.0
Isopropylbenzene	< 10.0
Methyl acetate	< 10.0
Methyl tert-butyl Ether	< 10.0
Methylcyclohexane	< 10.0
Methylene chloride	< 25.0
4-Methyl-2-pentanone	< 25.0
Styrene	< 25.0
1,1,2,2-Tetrachloroethane	< 10.0
Tetrachloroethene	J 6.40
Toluene	< 10.0
1,2,3-Trichlorobenzene	< 25.0
1,2,4-Trichlorobenzene	< 25.0
1,1,1-Trichloroethane	< 10.0
1,1,2-Trichloroethane	< 10.0
Trichloroethene	410
Trichlorofluoromethane	< 10.0
Vinyl chloride	< 10.0
m,p-Xylene	< 10.0
o-Xylene	< 10.0

ELAP Number 10958

Method: EPA 8260B

Data File: V94669.D

Comments: ug / L = microgram per Liter

Signature: _____

M. Mill for:
Bruce Hoogesteger: Technical Director

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115626V6



Volatile Analysis Report for Non-potable Water

Client: Lu Engineers

Client Job Site:	Former Churchville Ford Site	Lab Project Number:	11-5626A
	GW Monitoring	Lab Sample Number:	18404
Client Job Number:	5701-11		
Field Location:	CF-MW-JCL02Dup-12/29/11	Date Sampled:	12/29/2011
Field ID Number:	N/A	Date Received:	12/29/2011
Sample Type:	Water	Date Analyzed:	01/05/2012

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
None Found	N/A	N/A	< 25.0	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94669.D

Comments: ug / L = microgram per Liter

Signature: _____

M. Hoogesteger
Bruce Hoogesteger: Technical Director

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115626V6

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers**Client Job Site:** Former Churchville Ford Site
GW Monitoring**Lab Project Number:** 11-5626A**Lab Sample Number:** 18405**Client Job Number:** 5701-11**Field Location:** CF-MW-JCL02-12/29/11**Date Sampled:** 12/29/2011**Field ID Number:** N/A**Date Received:** 12/29/2011**Sample Type:** Water**Date Analyzed:** 01/05/2012

Compound	Results in ug / L
Acetone	< 50.0
Benzene	< 3.50
Bromochloromethane	< 25.0
Bromodichloromethane	< 10.0
Bromoform	< 25.0
Bromomethane	< 10.0
2-Butanone	< 50.0
Carbon disulfide	< 10.0
Carbon Tetrachloride	< 10.0
Chlorobenzene	< 10.0
Chloroethane	< 10.0
Chloroform	< 10.0
Chloromethane	< 10.0
Cyclohexane	< 50.0
Dibromochloromethane	< 10.0
1,2-Dibromo-3-Chloropropane	< 50.0
1,2-Dibromoethane	< 10.0
1,2-Dichlorobenzene	< 10.0
1,3-Dichlorobenzene	< 10.0
1,4-Dichlorobenzene	< 10.0
Dichlorodifluoromethane	J 9.73
1,1-Dichloroethane	< 10.0
1,2-Dichloroethane	< 10.0
1,1-Dichloroethene	< 10.0
cis-1,2-Dichloroethene	507
trans-1,2-Dichloroethene	< 10.0

Compound	Results in ug / L
1,2-Dichloropropane	< 10.0
cis-1,3-Dichloropropene	< 10.0
trans-1,3-Dichloropropene	< 10.0
1,4-Dioxane	< 100
Ethylbenzene	< 10.0
Freon 113	< 10.0
2-Hexanone	< 25.0
Isopropylbenzene	< 10.0
Methyl acetate	< 10.0
Methyl tert-butyl Ether	< 10.0
Methylcyclohexane	< 10.0
Methylene chloride	< 25.0
4-Methyl-2-pentanone	< 25.0
Styrene	< 25.0
1,1,2,2-Tetrachloroethane	< 10.0
Tetrachloroethene	J 7.00
Toluene	< 10.0
1,2,3-Trichlorobenzene	< 25.0
1,2,4-Trichlorobenzene	< 25.0
1,1,1-Trichloroethane	< 10.0
1,1,2-Trichloroethane	< 10.0
Trichloroethene	381
Trichlorofluoromethane	< 10.0
Vinyl chloride	< 10.0
m,p-Xylene	< 10.0
o-Xylene	< 10.0

ELAP Number 10958

Method: EPA 8260B

Data File: V94670.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

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115626V7.XLS



Volatile Analysis Report for Non-potable Water

Client: Lu Engineers

Client Job Site: Former Churchville Ford Site
GW Monitoring

Client Job Number: 5701-11

Field Location: CF-MW-JCL02-12/29/11

Field ID Number: N/A

Sample Type: Water

Lab Project Number: 11-5626A

Lab Sample Number: 18405

Date Sampled: 12/29/2011

Date Received: 12/29/2011

Date Analyzed: 01/05/2012

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
None Found	N/A	N/A	< 25.0	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94670.D

Comments: ug / L = microgram per Liter

Signature: _____

M. Hill for:
Bruce Hoogesteger: Technical Director

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115626V7.XLS



Volatile Analysis Report for Non-potable Water

Client: Lu Engineers

Client Job Site: Former Churchville Ford Site
GW Monitoring

Client Job Number: 5701-11

Field Location: CF-MW-JCL03-12/29/11

Field ID Number: N/A

Sample Type: Water

Lab Project Number: 11-5626A

Lab Sample Number: 18406

Date Sampled: 12/29/2011

Date Received: 12/29/2011

Date Analyzed: 01/05/2012

Compound	Results in ug / L
Acetone	< 10.0
Benzene	< 0.700
Bromochloromethane	< 5.00
Bromodichloromethane	< 2.00
Bromoform	< 5.00
Bromomethane	< 2.00
2-Butanone	< 10.0
Carbon disulfide	< 2.00
Carbon Tetrachloride	< 2.00
Chlorobenzene	< 2.00
Chloroethane	< 2.00
Chloroform	< 2.00
Chloromethane	< 2.00
Cyclohexane	< 10.0
Dibromochloromethane	< 2.00
1,2-Dibromo-3-Chloropropane	< 10.0
1,2-Dibromoethane	< 2.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00
Dichlorodifluoromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	< 2.00
trans-1,2-Dichloroethene	< 2.00

ELAP Number 10958

Compound	Results in ug / L
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
1,4-Dioxane	< 20.0
Ethylbenzene	< 2.00
Freon 113	< 2.00
2-Hexanone	< 5.00
Isopropylbenzene	< 2.00
Methyl acetate	< 2.00
Methyl tert-butyl Ether	< 2.00
Methylcyclohexane	< 2.00
Methylene chloride	< 5.00
4-Methyl-2-pentanone	< 5.00
Styrene	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	< 2.00
Toluene	< 2.00
1,2,3-Trichlorobenzene	< 5.00
1,2,4-Trichlorobenzene	< 5.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	< 2.00
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00

Method: EPA 8260B

Data File: V94666.D

Comments: ug / L = microgram per Liter

Matrix Spike outliers indicate probable matrix interference

Signature: _____

M. Hoogesteger
Bruce Hoogesteger: Technical Director

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115626V8.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers**Client Job Site:** Former Churchville Ford Site
GW Monitoring**Lab Project Number:** 11-5626A**Lab Sample Number:** 18406**Client Job Number:** 5701-11**Field Location:** CF-MW-JCL03-12/29/11**Date Sampled:** 12/29/2011**Field ID Number:** N/A**Date Received:** 12/29/2011**Sample Type:** Water**Date Analyzed:** 01/05/2012

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
Unknown	N/A	12.12	B 6.84	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94666.D

Comments: ug / L = microgram per Liter

Matrix Spike outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger: Technical Director

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115626V8.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers

Client Job Site: Former Churchville Ford Site
GW Monitoring
Client Job Number: 5701-11
Field Location: Trip Blank-12/29/11
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 11-5626A
Lab Sample Number: 18407
Date Sampled: 12/29/2011
Date Received: 12/29/2011
Date Analyzed: 01/03/2012

Compound	Results in ug / L
Acetone	< 10.0
Benzene	< 0.700
Bromochloromethane	< 5.00
Bromodichloromethane	< 2.00
Bromoform	< 5.00
Bromomethane	< 2.00
2-Butanone	< 10.0
Carbon disulfide	< 2.00
Carbon Tetrachloride	< 2.00
Chlorobenzene	< 2.00
Chloroethane	< 2.00
Chloroform	< 2.00
Chloromethane	< 2.00
Cyclohexane	< 10.0
Dibromochloromethane	< 2.00
1,2-Dibromo-3-Chloropropane	< 10.0
1,2-Dibromoethane	< 2.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00
Dichlorodifluoromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	< 2.00
trans-1,2-Dichloroethene	< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
1,4-Dioxane	< 20.0
Ethylbenzene	< 2.00
Freon 113	< 2.00
2-Hexanone	< 5.00
Isopropylbenzene	< 2.00
Methyl acetate	< 2.00
Methyl tert-butyl Ether	< 2.00
Methylcyclohexane	< 2.00
Methylene chloride	< 5.00
4-Methyl-2-pentanone	< 5.00
Styrene	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	< 2.00
Toluene	< 2.00
1,2,3-Trichlorobenzene	< 5.00
1,2,4-Trichlorobenzene	< 5.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	< 2.00
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00

ELAP Number 10958

Method: EPA 8260B

Data File: V94603.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

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115626V9.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers**Client Job Site:** Former Churchville Ford Site
GW Monitoring**Client Job Number:** 5701-11**Field Location:** Trip Blank-12/29/11**Field ID Number:** N/A**Sample Type:** Water**Lab Project Number:** 11-5626A**Lab Sample Number:** 18407**Date Sampled:** 12/29/2011**Date Received:** 12/29/2011**Date Analyzed:** 01/03/2012

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
None Found	N/A	N/A	< 5.00	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94603.D

Comments: ug / L = microgram per Liter

Signature: _____


Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

115626V9.XLS



Volatile Analysis Report for Non-potable Water

Client: Lu Engineers

Client Job Site: Former Churchville Ford Site
GW Monitoring
Client Job Number: 5701-11
Field Location: N/A
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 11-5626A
Lab Sample Number: Water LRB 01/03
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 01/03/2012

Compound	Results in ug / L
Acetone	< 10.0
Benzene	< 0.700
Bromochloromethane	< 5.00
Bromodichloromethane	< 2.00
Bromoform	< 5.00
Bromomethane	< 2.00
2-Butanone	< 10.0
Carbon disulfide	< 2.00
Carbon Tetrachloride	< 2.00
Chlorobenzene	< 2.00
Chloroethane	< 2.00
Chloroform	< 2.00
Chloromethane	< 2.00
Cyclohexane	< 10.0
Dibromochloromethane	< 2.00
1,2-Dibromo-3-Chloropropane	< 10.0
1,2-Dibromoethane	< 2.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00
Dichlorodifluoromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	< 2.00
trans-1,2-Dichloroethene	< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
1,4-Dioxane	< 20.0
Ethylbenzene	< 2.00
Freon 113	< 2.00
2-Hexanone	< 5.00
Isopropylbenzene	< 2.00
Methyl acetate	< 2.00
Methyl tert-butyl Ether	< 2.00
Methylcyclohexane	< 2.00
Methylene chloride	< 5.00
4-Methyl-2-pentanone	< 5.00
Styrene	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	< 2.00
Toluene	< 2.00
1,2,3-Trichlorobenzene	< 5.00
1,2,4-Trichlorobenzene	< 5.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	< 2.00
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00

ELAP Number 10958

Method: EPA 8260B

Data File: V94596.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

115626VB.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers**Client Job Site:** Former Churchville Ford Site
GW Monitoring**Client Job Number:** 5701-11**Field Location:** N/A**Field ID Number:** N/A**Sample Type:** Water**Lab Project Number:** 11-5626A**Lab Sample Number:** Water LRB 01/03**Date Sampled:** N/A**Date Received:** N/A**Date Analyzed:** 01/03/2012

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
Unknown	N/A	12.12	5.58	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94596.D

Comments: ug / L = microgram per Liter

Signature: _____


for:

Bruce Hoogesteger: Technical Director

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115626VB.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers**Client Job Site:** Former Churchville Ford Site
GW Monitoring**Client Job Number:** 5701-11**Field Location:** N/A**Field ID Number:** N/A**Sample Type:** Water**Lab Project Number:** 11-5626A**Lab Sample Number:** Water LRB 01/05**Date Sampled:** N/A**Date Received:** N/A**Date Analyzed:** 01/05/2012

Compound	Results in ug / L
Acetone	< 10.0
Benzene	< 0.700
Bromochloromethane	< 5.00
Bromodichloromethane	< 2.00
Bromoform	< 5.00
Bromomethane	< 2.00
2-Butanone	< 10.0
Carbon disulfide	< 2.00
Carbon Tetrachloride	< 2.00
Chlorobenzene	< 2.00
Chloroethane	< 2.00
Chloroform	< 2.00
Chloromethane	< 2.00
Cyclohexane	< 10.0
Dibromochloromethane	< 2.00
1,2-Dibromo-3-Chloropropane	< 10.0
1,2-Dibromoethane	< 2.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00
Dichlorodifluoromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	< 2.00
trans-1,2-Dichloroethene	< 2.00

ELAP Number 10958

Compound	Results in ug / L
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
1,4-Dioxane	< 20.0
Ethylbenzene	< 2.00
Freon 113	< 2.00
2-Hexanone	< 5.00
Isopropylbenzene	< 2.00
Methyl acetate	< 2.00
Methyl tert-butyl Ether	< 2.00
Methylcyclohexane	< 2.00
Methylene chloride	< 5.00
4-Methyl-2-pentanone	< 5.00
Styrene	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	< 2.00
Toluene	< 2.00
1,2,3-Trichlorobenzene	< 5.00
1,2,4-Trichlorobenzene	< 5.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	< 2.00
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00

Method: EPA 8260B

Data File: V94665.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

115626VM.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers**Client Job Site:** Former Churchville Ford Site
GW Monitoring**Client Job Number:** 5701-11**Field Location:** N/A**Field ID Number:** N/A**Sample Type:** Water**Lab Project Number:** 11-5626A**Lab Sample Number:** Water LRB 01/05**Date Sampled:** N/A**Date Received:** N/A**Date Analyzed:** 01/05/2012

Tentatively Identified Compounds	CAS Number	Retention Time	Results in ug / L	Percent Fit
Unknown	N/A	12.12	11.9	N/A

ELAP Number 10958

Method: EPA 8260B

Data File: V94665.D

Comments: ug / L = microgram per Liter

Signature: M. Hoogesteger

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

115626VM.XLS

CHAIN OF CUSTODY



PROJECT NAME/SITE NAME:
 Former Churchville Ford Site
 GW Monitoring

REPORT TO:

INVOICE TO:

COMPANY: Lu Engineers	COMPANY: Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS: 175 Sullivan Trail, Suite 202	ADDRESS:	11-5626A	5701-11
CITY: Pittsford	CITY:	TURNAROUND TIME: (WORKING DAYS)	
STATE: NY	STATE:	10 Day Turn STD	
ZIP: 14534	ZIP:		
PHONE: 385-7417	PHONE:		
FAX:	FAX:		
ATTN: Eric DeWeiler/Greg Andrews	ATTN:		

COMMENTS: INVOICE P.O. # 222812 / edweiler@luengineers.com *Electronic delivery
 REQUESTED ANALYSIS: MSOEC Equis ED form Quotation # MSO20310A

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A I N E R	T C L 8260 T C L	F e	M n	REMARKS	PARADIGM LAB SAMPLE NUMBER
12/29/11	13:17	X		CF-MW01-12/29/11	Water	3	✓	✓	✓	ASB w/ Cat B	18399
2	15:00			CF-MW03-12/29/11		1	✓	✓	✓	delivered (electronic)	18400
3	16:01			CF-MW06-12/29/11		1	✓	✓	✓		18401
4	10:55			CF-MW13-12/29/11		1	✓	✓	✓		18402
5	11:22			CF-MW-JCL01-12/29/11		1	✓	✓	✓		18403
6	13:19			CF-MW-JCL02Dwp-12/29/11		1	✓	✓	✓		18404
7	13:18			CF-MW-JCL02-12/29/11		1	✓	✓	✓		18405
8	14:40			CF-MW-JCL03-12/29/11		1	✓	✓	✓		18406
9	14:40			CF-MW-JCL03 MS-12/29/11		1	✓	✓	✓		18407
10	14:40			CF-MW-JCL03 MSD-12/29/11		1	✓	✓	✓		18408

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244 TRAP BLANK 12/29/11

Receipt Parameter NELAC Compliance

Container Type: Y ☒ N ☐

Comments: For samples 18402, 18403, + 18406, had to discuss preservation.

Comments: For samples 18402, 18403, + 18406, had to discuss preservation.

Comments: For samples 18402, 18403, + 18406, had to discuss preservation.

Comments: For samples 18402, 18403, + 18406, had to discuss preservation.

Comments: For samples 18402, 18403, + 18406, had to discuss preservation.

Comments: For samples 18402, 18403, + 18406, had to discuss preservation.

Comments: For samples 18402, 18403, + 18406, had to discuss preservation.

Comments: For samples 18402, 18403, + 18406, had to discuss preservation.

Comments: For samples 18402, 18403, + 18406, had to discuss preservation.

Sampled By: Eric DeWeiler	Date/Time: 12/29/11 4:55	Total Cost:
Relinquished By: [Signature]	Date/Time: 12/29/11 4:55	
Received By: [Signature]	Date/Time: 12/29/11 10:55	
Received @ Lab By: [Signature]	Date/Time: 12/29/11 17:50	

Cooler delivered by LuSO Custody Seals N/A EAH 12/29

June 2012 Sample Results (per SMP)



PARADIGM
ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 Office: (585) 647-2530 Fax: (585) 647-3311

LAB REPORT FOR METALS ANALYSIS IN WATER

Client: Lu Engineers

Lab Project No.: 12:2567

Client Job Site: Wilkins RV
SMP Semi-Annual GW Sampling

Sample Type: Water
Method: EPA 200.7

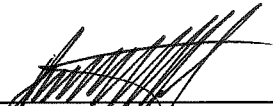
Client Job No.: N/A

Date Sampled: 06/15/2012
Date Received: 06/15/2012
Date Analyzed: 06/21/2012

Lab Sample No.	Field ID No.	Field Location	Iron Results (mg/L)	Manganese Results (mg/L)
12:2567-01	N/A	MW-03_06-15-12	0.134	2.93
12:2567-02	N/A	MW-06_06-15-12	0.360	1.29
12:2567-03	N/A	MW-13_06-15-12	0.875	0.606
12:2567-04	N/A	MW-JCL-02_06-15-12	5.25	2.26

ELAP ID No.: 10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. File ID:12-2567.xls

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers, Inc.**Client Job Site:** Wilkins RV
SMP Semi-Annual GW Sampling**Lab Project Number:** 12:2567
Lab Sample Number: 12:2567-01**Client Job Number:** N/A
Field Location: MW-03_06-15-12
Field ID Number: N/A
Sample Type: Water**Date Sampled:** 06/15/2012
Date Received: 06/15/2012
Date Analyzed: 06/21/2012

Compound	Results in ug / L
Acetone	< 2,000
Benzene	< 140
Bromochloromethane	< 1,000
Bromodichloromethane	< 400
Bromoform	< 1,000
Bromomethane	< 400
2-Butanone	< 2,000
Carbon disulfide	< 400
Carbon Tetrachloride	< 400
Chlorobenzene	< 400
Chloroethane	< 400
Chloroform	< 400
Chloromethane	< 400
Cyclohexane	< 2,000
Dibromochloromethane	< 400
1,2-Dibromo-3-Chloropropane	< 2,000
1,2-Dibromoethane	< 400
1,2-Dichlorobenzene	< 400
1,3-Dichlorobenzene	< 400
1,4-Dichlorobenzene	< 400
Dichlorodifluoromethane	< 400
1,1-Dichloroethane	< 400
1,2-Dichloroethane	< 400
1,1-Dichloroethene	< 400
cis-1,2-Dichloroethene	5,900
trans-1,2-Dichloroethene	< 400

Compound	Results in ug / L
1,2-Dichloropropane	< 400
cis-1,3-Dichloropropene	< 400
trans-1,3-Dichloropropene	< 400
1,4-Dioxane	< 4,000
Ethylbenzene	< 400
Freon 113	< 400
2-Hexanone	< 1,000
Isopropylbenzene	< 400
Methyl acetate	< 400
Methyl tert-butyl Ether	< 400
Methylcyclohexane	< 400
Methylene chloride	< 1,000
4-Methyl-2-pentanone	< 1,000
Styrene	< 1,000
1,1,2,2-Tetrachloroethane	< 400
Tetrachloroethene	11,000
Toluene	< 400
1,2,3-Trichlorobenzene	< 1,000
1,2,4-Trichlorobenzene	< 1,000
1,1,1-Trichloroethane	< 400
1,1,2-Trichloroethane	< 400
Trichloroethene	8,940
Trichlorofluoromethane	< 400
Vinyl chloride	< 400
m,p-Xylene	< 400
o-Xylene	< 400

ELAP Number 10958

Method: EPA 8260B

Data File: V98207.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

122567V1

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers, Inc.**Client Job Site:** Wilkins RV
SMP Semi-Annual GW Sampling**Lab Project Number:** 12:2567
Lab Sample Number: 12:2567-02**Client Job Number:** N/A
Field Location: MW-06_06-15-12
Field ID Number: N/A
Sample Type: Water**Date Sampled:** 06/15/2012
Date Received: 06/15/2012
Date Analyzed: 06/21/2012

Compound	Results in ug / L
Acetone	< 10.0
Benzene	< 0.700
Bromochloromethane	< 5.00
Bromodichloromethane	< 2.00
Bromoform	< 5.00
Bromomethane	< 2.00
2-Butanone	< 10.0
Carbon disulfide	< 2.00
Carbon Tetrachloride	< 2.00
Chlorobenzene	< 2.00
Chloroethane	< 2.00
Chloroform	< 2.00
Chloromethane	< 2.00
Cyclohexane	< 10.0
Dibromochloromethane	< 2.00
1,2-Dibromo-3-Chloropropane	< 10.0
1,2-Dibromoethane	< 2.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00
Dichlorodifluoromethane	17.4
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	< 2.00
trans-1,2-Dichloroethene	< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
1,4-Dioxane	< 20.0
Ethylbenzene	< 2.00
Freon 113	< 2.00
2-Hexanone	< 5.00
Isopropylbenzene	< 2.00
Methyl acetate	< 2.00
Methyl tert-butyl Ether	< 2.00
Methylcyclohexane	< 2.00
Methylene chloride	< 5.00
4-Methyl-2-pentanone	< 5.00
Styrene	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	14.7
Toluene	< 2.00
1,2,3-Trichlorobenzene	< 5.00
1,2,4-Trichlorobenzene	< 5.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	2.22
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00

ELAP Number 10958

Method: EPA 8260B

Data File: V98205.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

122567V2

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers, Inc.**Client Job Site:** Wilkins RV
SMP Semi-Annual GW Sampling**Lab Project Number:** 12:2567
Lab Sample Number: 12:2567-03**Client Job Number:** N/A
Field Location: MW-13_06-15-12
Field ID Number: N/A
Sample Type: Water**Date Sampled:** 06/15/2012
Date Received: 06/15/2012
Date Analyzed: 06/21/2012

Compound	Results in ug / L
Acetone	< 10.0
Benzene	< 0.700
Bromochloromethane	< 5.00
Bromodichloromethane	< 2.00
Bromoform	< 5.00
Bromomethane	< 2.00
2-Butanone	< 10.0
Carbon disulfide	< 2.00
Carbon Tetrachloride	< 2.00
Chlorobenzene	< 2.00
Chloroethane	< 2.00
Chloroform	< 2.00
Chloromethane	< 2.00
Cyclohexane	< 10.0
Dibromochloromethane	< 2.00
1,2-Dibromo-3-Chloropropane	< 10.0
1,2-Dibromoethane	< 2.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00
Dichlorodifluoromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	< 2.00
trans-1,2-Dichloroethene	< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
1,4-Dioxane	< 20.0
Ethylbenzene	< 2.00
Freon 113	< 2.00
2-Hexanone	< 5.00
Isopropylbenzene	< 2.00
Methyl acetate	< 2.00
Methyl tert-butyl Ether	< 2.00
Methylcyclohexane	< 2.00
Methylene chloride	< 5.00
4-Methyl-2-pentanone	< 5.00
Styrene	< 5.00
1,1,2,2-Tetrachloroethane	< 2.00
Tetrachloroethene	< 2.00
Toluene	< 2.00
1,2,3-Trichlorobenzene	< 5.00
1,2,4-Trichlorobenzene	< 5.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	< 2.00
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00

ELAP Number 10958

Method: EPA 8260B

Data File: V98206.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

122567V3

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers, Inc.**Client Job Site:** Wilkins RV
SMP Semi-Annual GW Sampling**Lab Project Number:** 12:2567
Lab Sample Number: 12:2567-04**Client Job Number:** N/A
Field Location: MW-JCL-02_06-15-12
Field ID Number: N/A
Sample Type: Water**Date Sampled:** 06/15/2012
Date Received: 06/15/2012
Date Analyzed: 06/21/2012

Compound	Results in ug / L
Acetone	< 500
Benzene	< 35.0
Bromochloromethane	< 250
Bromodichloromethane	< 100
Bromoform	< 250
Bromomethane	< 100
2-Butanone	< 500
Carbon disulfide	< 100
Carbon Tetrachloride	< 100
Chlorobenzene	< 100
Chloroethane	< 100
Chloroform	< 100
Chloromethane	< 100
Cyclohexane	< 500
Dibromochloromethane	< 100
1,2-Dibromo-3-Chloropropane	< 500
1,2-Dibromoethane	< 100
1,2-Dichlorobenzene	< 100
1,3-Dichlorobenzene	< 100
1,4-Dichlorobenzene	< 100
Dichlorodifluoromethane	J 90.0
1,1-Dichloroethane	< 100
1,2-Dichloroethane	< 100
1,1-Dichloroethene	< 100
cis-1,2-Dichloroethene	2,490
trans-1,2-Dichloroethene	< 100

Compound	Results in ug / L
1,2-Dichloropropane	< 100
cis-1,3-Dichloropropene	< 100
trans-1,3-Dichloropropene	< 100
1,4-Dioxane	< 1,000
Ethylbenzene	< 100
Freon 113	< 100
2-Hexanone	< 250
Isopropylbenzene	< 100
Methyl acetate	< 100
Methyl tert-butyl Ether	< 100
Methylcyclohexane	< 100
Methylene chloride	< 250
4-Methyl-2-pentanone	< 250
Styrene	< 250
1,1,2,2-Tetrachloroethane	< 100
Tetrachloroethene	1,600
Toluene	< 100
1,2,3-Trichlorobenzene	< 250
1,2,4-Trichlorobenzene	< 250
1,1,1-Trichloroethane	< 100
1,1,2-Trichloroethane	< 100
Trichloroethene	3,070
Trichlorofluoromethane	< 100
Vinyl chloride	< 100
m,p-Xylene	< 100
o-Xylene	< 100

ELAP Number 10958

Method: EPA 8260B

Data File: V98208.D

Comments: ug / L = microgram per Liter

Surrogate outliers indicate probable matrix interference

Signature: _____

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

122567V4.XLS

**Volatile Analysis Report for Non-potable Water****Client:** Lu Engineers, Inc.**Client Job Site:** Wilkins RV
SMP Semi-Annual GW Sampling**Lab Project Number:** 12:2567
Lab Sample Number: 12:2567-05**Client Job Number:** N/A
Field Location: Trip Blank_6-15-12
Field ID Number: N/A
Sample Type: Water**Date Sampled:** 06/15/2012
Date Received: 06/15/2012
Date Analyzed: 06/20/2012

Compound	Results in ug / L
Acetone	< 10.0
Benzene	< 0.700
Bromochloromethane	< 5.00
Bromodichloromethane	< 2.00
Bromoform	< 5.00
Bromomethane	< 2.00
2-Butanone	< 10.0
Carbon disulfide	< 2.00
Carbon Tetrachloride	< 2.00
Chlorobenzene	< 2.00
Chloroethane	< 2.00
Chloroform	< 2.00
Chloromethane	< 2.00
Cyclohexane	< 10.0
Dibromochloromethane	< 2.00
1,2-Dibromo-3-Chloropropane	< 10.0
1,2-Dibromoethane	< 2.00
1,2-Dichlorobenzene	< 2.00
1,3-Dichlorobenzene	< 2.00
1,4-Dichlorobenzene	< 2.00
Dichlorodifluoromethane	< 2.00
1,1-Dichloroethane	< 2.00
1,2-Dichloroethane	< 2.00
1,1-Dichloroethene	< 2.00
cis-1,2-Dichloroethene	< 2.00
trans-1,2-Dichloroethene	< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	< 2.00
cis-1,3-Dichloropropene	< 2.00
trans-1,3-Dichloropropene	< 2.00
1,4-Dioxane	< 20.0
Ethylbenzene	< 2.00
Freon 113	< 2.00
2-Hexanone	< 5.00
Isopropylbenzene	< 2.00
Methyl acetate	< 2.00
Methyl tert-butyl Ether	< 2.00
Methylcyclohexane	< 2.00
Methylene chloride	< 5.00
4-Methyl-2-pentanone	< 5.00
Styrene	< 5.00
1,1,2-Tetrachloroethane	< 2.00
Tetrachloroethene	< 2.00
Toluene	< 2.00
1,2,3-Trichlorobenzene	< 5.00
1,2,4-Trichlorobenzene	< 5.00
1,1,1-Trichloroethane	< 2.00
1,1,2-Trichloroethane	< 2.00
Trichloroethene	< 2.00
Trichlorofluoromethane	< 2.00
Vinyl chloride	< 2.00
m,p-Xylene	< 2.00
o-Xylene	< 2.00

ELAP Number 10958

Method: EPA 8260B

Data File: V98186.D

Comments: ug / L = microgram per Liter

Signature: _____

Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

122567V5.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.

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

REPORT TO:

INVOICE TO:

PROJECT NAME/SITE NAME:
Wilkins RV - SMP Semi-annual Gw Sampling

COMPANY:	Lu Engineers	COMPANY:	Lu Engineers	LAB PROJECT #:	12:2567	CLIENT PROJECT #:	
ADDRESS:	175 Scully's Trail Suite 202	ADDRESS:	Same	TURNAROUND TIME: (WORKING DAYS)			
CITY:	Pittsford	CITY:	Same				
STATE:	NY	STATE:	NY				
ZIP:	14534	ZIP:	14534				
PHONE:		PHONE:					
FAX:		FAX:					
ATTN:	Eric D.	ATTN:					
COMMENTS:	edetective@luengineers.com/need NYSDDEC Equis EDD found no Cat A			QUOTE #:	M5020310A		

REQUESTED ANALYSIS

DATE	TIME	C O M P O S I T E	G R A B	SAMPLE LOCATION/FIELD ID	M A T R I X	C O N T A M I N A T I O N S	TCL 8260 VOCs	Fe	Mn	REMARKS	PARADIGM LAB SAMPLE NUMBER
16/15/12	11:45		X	MW-03-06-15-12	water 3	X	X	X		CAT A w/Equis	01
26/15/12	13:15		X	MW-06-06-15-12		X	X	X		EDD (No hardcopy needed)	02
36/15/12	12:50		X	MW-13-06-15-12		X	X	X			03
46/15/12	12:05		X	MW-30C-02-06-15-12		X	X	X			04
5	↓			TRIP BLANK-6-15-12	↓	1	X			* will Forward NEW P.O. For Invoicing	05
6	EAH 6/15										
7											
8											
9											
10											

LAB USE ONLY BELOW THIS LINE

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

Receipt Parameter NELAC Compliance

Comments:	Container Type:	Y	N
Comments:	Preservation:	Y	N
Comments:	Holding Time:	Y	N
Comments:	Temperature:	Y	N

1525 6/15 from samples

Custody Seals N/A b/c delivered by Lu. EAH 6/15

Sampled By	Eric D. / Laura N.	Date/Time	6/15/12 2:51	Total Cost:	
Relinquished By	Elizabeth A. Honick	Date/Time	6/15/12 1700	P.I.F.	
Received By	Elizabeth A. Honick	Date/Time	6/15/12 1700		
Received @ Lab By		Date/Time			