PROJECT PHASE (check one)	SUBMITTAL TYPE (check one)
☐ Site Investigation	☐ Work Scope
☐ Corrective Action Feasibility Investigation	☒ **Technical Report**
☐ Corrective Action Plan	☐ PCF Reimbursement Request
☐ Corrective Action Summary Report	☐ General Correspondence
☒ **Operations & Monitoring Report**	

MARCH 2014 POET SYSTEM SAMPLING REPORT
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

Prepared for:

Summit Distributing, LLC
240 Mechanic Street
Lebanon, New Hampshire 03766
Contact: Tom Frawley
Tel: (603) 448-8000
email: tomf@sumd.com

Prepared by:

GeoInsight, Inc.
186 Granite Street, 3rd Floor, Suite A
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Contact: Darrin L. Santos, P.G.
Tel: (603) 314-0820
email: dlsantos@geoinc.com

May 1, 2014+A1

GeoInsight Project 5599-000

File: 5599/CVR

GeoInsight®
Environmental Strategy & Engineering
Practical in Nature

May 1, 2014 GeoInsight Project 5599-000

Tim Cropley
Sites Management Section
Vermont Department of Environmental Conservation
1 National Life Drive – Davis 1
Montpelier, VT 05626-3704

RE: March 2014 POET System Sampling Report
Londonderry Citgo/Londonderry Shopping Center – **SMS #1996-2015**
5700 Route 100
Londonderry, Vermont

Dear Mr. Cropley:

GeoInsight, Inc. (GeoInsight) prepared this report for Summit Distributing, LLC (Summit) to summarize the March 2014 point-of-entry treatment (POET) system monitoring event performed at the Londonderry Citgo/Londonderry Shopping Center (the Shopping Center) property located at 5700 Route 100 in Londonderry, Vermont. A site locus map is presented as Figure 1 and a site plan is presented as Figure 2.

The March 2014 sampling event was conducted as a POET system sampling event. The March 2014 sampling included POET systems serving the Shopping Center and Thorne-Thomsen properties.

POET SYSTEM SAMPLING AND ANALYSIS

GeoInsight performed a supply well POET system monitoring event at the site on March 26, 2014, including the Shopping Center and Thorne-Thomsen supply wells. The Shopping Center "Former IGA" well (inactive, but recently rehabilitated; sample designated "Shopping Center Pump 1") was also sampled. The March 2014 sampling data are summarized in Table 1. Table 2 provides a summary of recent and historical POET system influent sample data collected at the site and Thorne-Thomsen residence. The March 2014 POET system analytical report is presented in Attachment A.

With the exception of 2.4 micrograms per liter (µg/L) of methylene chloride (a common laboratory contaminant), volatile organic compounds (VOCs) were not detected in the Shopping Center POET system influent and effluent samples collected on March 26, 2014. Methyl tert-butyl ether (MTBE) was detected at a concentration of 13 µg/L in the system influent sample collected from Thorne-Thomsen property. The Vermont Department of Environmental

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Middletown, CT 06657-3341
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Conservation (VTDEC) drinking water guideline for MTBE is 40 µg/L. MTBE and other VOCs were not detected above laboratory reporting limits in the Thorne-Thomsen effluent sample. GeoInsight also collected system mid-point samples from the POET systems serving the Shopping Center and Thorne-Thomsen supply wells. The mid-point sample data are summarized in Table 1. GeoInsight transmitted the results of the March 2014 POET system sampling to the property owners and the POET system operator, John Beauchamp of the Vermont Water Treatment Company in letters dated May 1, 2014. Copies of the POET system results letters are included in Attachment B.

Quality Assurance/Quality Control

A trip blank sample was included by the laboratory with the sample containers during this monitoring event. VOCs were not detected above the laboratory reporting limits in the trip blank sample submitted for the March 2014 monitoring event. The trip blank sample was comprised of a laboratory-prepared VOC vial containing deionized water, which accompanied the sample containers in a cooler from delivery from the laboratory through receipt by the laboratory. GeoInsight also reviewed the surrogate recovery data reported by the laboratory for the samples collected during the March 2014 monitoring event, which were within the acceptable limits listed by the laboratory in the analytical reports.

In general, the quality assurance/quality control (QA/QC) samples indicated that the data collected were technically sound, usable, and meet the data quality objectives of on-going site investigation activities. A summary of QA/QC sample data is provided in Table 1.

CONCLUSIONS AND RECOMMENDATIONS

Because of the historical and recent detection of VOCs above laboratory reporting limits in the Shopping Center and Thorne-Thomsen POET systems, bi-annual sampling appears to be appropriate for monitoring low-level residual VOCs in the POET systems. The next POET system monitoring event is set to occur in September 2014 (third quarter).

If you have questions regarding the contents of this letter report, please call us at (603) 314-0820.

Sincerely,
GEOINSIGHT, INC.

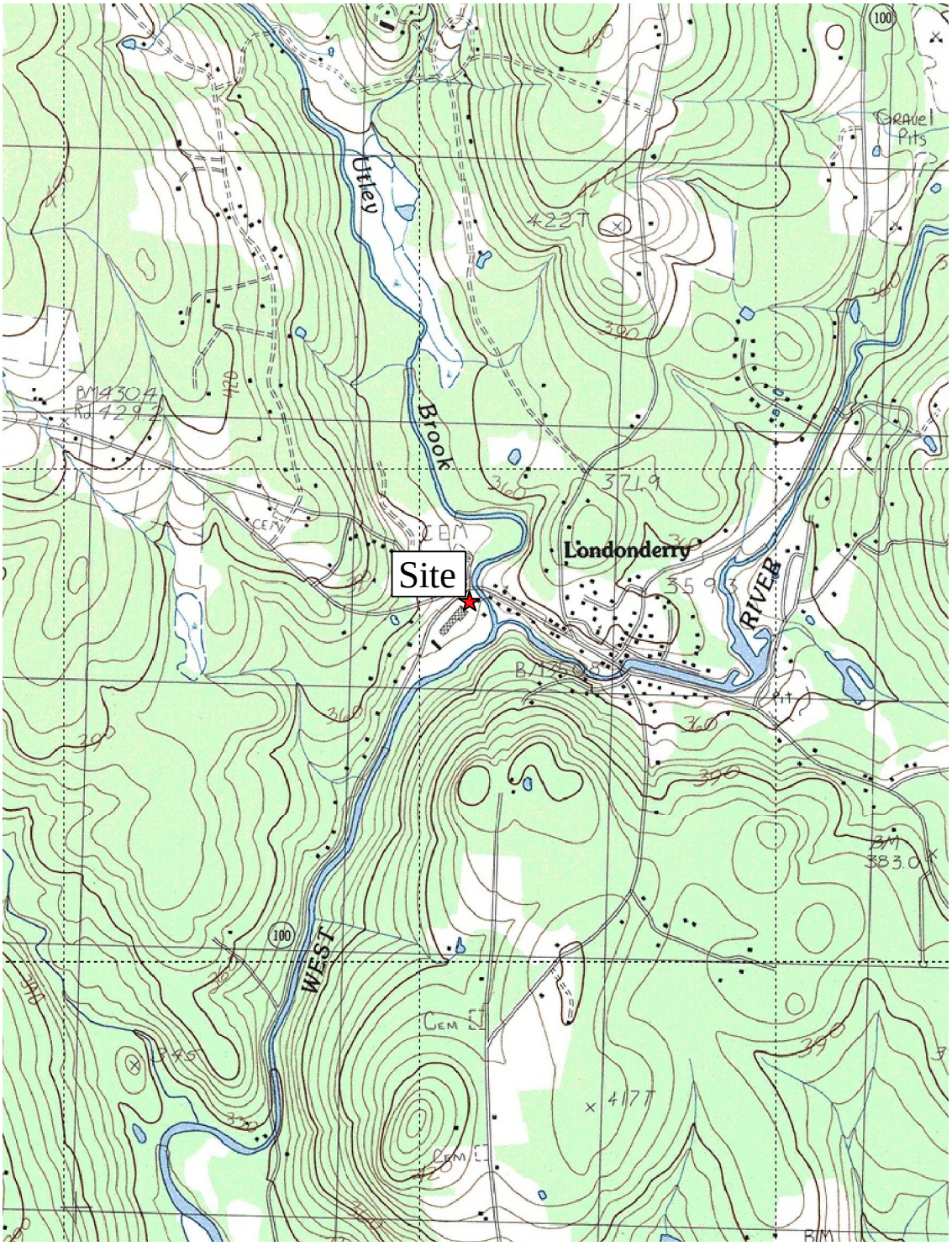
Darrin L. Santos, P.G.
Senior Geologist

Peter D. Frank, P.G.
Associate/Senior Hydrogeologist

Attachments

cc: Summit Distributing, LLC
Robert Waite, Londonderry Ventures
P:\5599 Summit Londonderry VT\Monitoring\2014\5599Mar14-POETreport.doc

FIGURES



SOURCE:

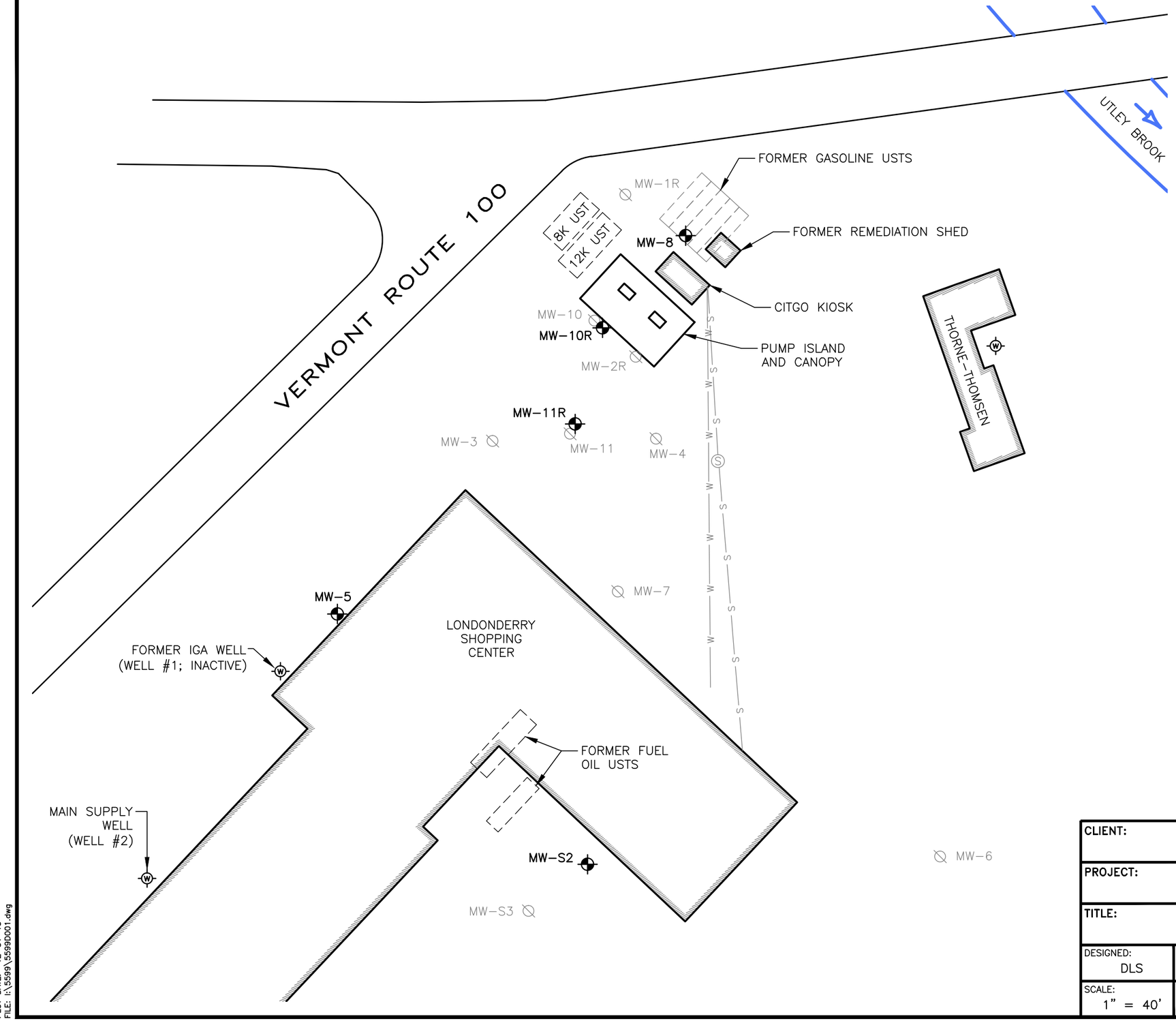
USGS LONDONDERRY, VT QUADRANGLE

0 2000 4000

APPROX. SCALE IN FEET

CLIENT: SUMMIT DISTRIBUTING, LLC				
PROJECT: 5700 ROUTE 100 LONDONDERRY, VERMONT				
TITLE: SITE LOCUS				
DESIGNED: CAE	DRAWN: STM	CHECKED: AWK	APPROVED: BDK	GeoInsight Practical in Nature
SCALE: 1" = 2000'	DATE: 12/29/08	FILE NO.: 5599-LOCUS	PROJECT NO.: 5599-000	FIGURE NO.: 1

PLOT DATE: 7-28-10
FILE: i:\5599\5599-LOCUS.dwg



LEGEND

- MW-1 MONITORING WELL
- MW-1R DECOMMISSIONED MONITORING WELL
- SUPPLY WELL
- SEWER MANHOLE
- SEWER LINE
- WATER LINE

- N -

NOTES:

1. THIS PLAN WAS BASED UPON A SITE PLAN CREATED BY ECS DATED APRIL 04, 2006. ALL SITE FEATURES ARE APPROXIMATE.

0 40 80

APPROX. SCALE IN FEET

CLIENT: SUMMIT DISTRIBUTING, LLC			
PROJECT: 5700 ROUTE 100 LONDONDERRY, VERMONT			
TITLE: SITE PLAN			
DESIGNED: DLS	DRAWN: STM	CHECKED: DLS	APPROVED: PDF
SCALE: 1" = 40'	DATE: 12/31/13	FILE NO.: 5599D001	PROJECT NO.: 5599-000

GeoInsight
Practical in Nature

FIGURE NO.: 2

PLOT DATE: 12-31-13
FILE: I:\5599\5599D001.dwg

TABLES

TABLE 1
SUMMARY OF SUPPLY WELL SAMPLING AND QUALITY ASSURANCE/QUALITY CONTROL ANALYTICAL DATA - MARCH 2014 EVENT
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

MONITORING DATE: March 26, 2014															
Supply Well	MTBE	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total TMB	Isopropylbenzene	EDB	1,2-DCA	chloromethane	Trichloroethene	Methylene chloride	Chloroform	Bromodichloromethane	Dibromochloromethane
POINT-OF-ENTRY TREATMENT SYSTEM SAMPLING RESULTS															
Thorne-Thomsen - Influent	13	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
Thorne-Thomsen - Mid	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
Thorne-Thomsen - Effluent	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
Shopping Center Main - Influent	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	2.4	ND(0.5)	ND(0.5)	ND(0.5)
Shopping Center Main - Mid A	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	1.6	ND(0.5)	ND(0.5)	ND(0.5)
Shopping Center Main - Mid E	ND(0.5)	1.3	0.7	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	1	ND(0.5)	ND(0.5)	ND(0.5)
Shopping Center Main - Effluent	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	0.7	ND(0.5)	ND(0.5)	ND(0.5)
Shopping Center - Well #1 (Former IGA Well)	ND(0.5)	ND(0.5)	0.6	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	2.5	ND(0.5)	ND(0.5)	ND(0.5)
QUALITY ASSURANCE/QUALITY CONTROL															
Trip Blank	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
MCL	***--***	***5***	***1,000***	***700***	***10,000***	***--***	***--***	***0.05***	***5***	***--***	***5***	***5***	***80***		
VHA	***40***	***--***	***--***	***--***	***--***	***350***	***--***	***--***	***--***	***30***	***--***	***--***	***--***	***--***	***--***
VAL	***--***	***1***	***--***	***--***	***--***	***--***	***--***	***--***	***0.5***	***--***	***--***	***--***	***--***	***--***	***--***

NOTES:

1. Results reported in micrograms per liter (µg/L).
2. Bold results indicate an exceedence of the applicable MCL.
3. ND(X) - constituent not detected above laboratory reporting limit noted.
4. MCL - Maximum Contaminant Levels for public water supplies from Chapter 21, Vermont Water Supply Rule (April 25, 2005) or Vermont Department of Health, Drinking Water Guidance (December 2002).
5. VHA - Vermont Health Advisories - guidelines for concentrations of chemicals in drinking water that do not have MCLs; VAL - Vermont Action Levels for eight chemicals of specific health concern in public water systems both established by the Vermont Department of Health (December 2002, revised February 2007).
6. Total TMB - 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene.
7. EDB - 1,2-dibromoethane; 1,2-DCA - 1,2-dichloroethane; MTBE - methyl tert butyl ether.

TABLE 2
SHOPPING CENTER THORNE-THOMSEN POET SYSTEM AND ROGERS SUPPLY WELL SAMPLING ANALYTICAL DATA
(2001 TO PRESENT)
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

Supply Well / Drinking Water Standard	Sample Date	MTBE	TAME	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total TMB	Methylene Chloride	Chloromethane
	MCL	*--*	*--*	***5***	***1,000***	***700***	***10,000***	*--*	*--*	*--*
	VHA	***40***	*--*	*--*	*--*	*--*	*--*	***350***	***5***	***6***
	VAL	*--*	*--*	***1***	*--*	*--*	*--*	*--*	*--*	*--*
Shopping Center Main - POET System Influent	01/17/01		NR	**43.9**	ND(1)	ND(1)	ND(1)	ND(2)	NR	NR
	02/14/01	1.4	NR	**33.2**	ND(1)	ND(1)	ND(1)	ND(2)	NR	NR
	03/13/01	2.9	NR	**34.9**	ND(1)	ND(1)	ND(1)	ND(2)	NR	NR
	04/17/01	2	NR	**26.3**	ND(1)	ND(1)	ND(1)	ND(2)	NR	NR
	05/17/01	2.5	NR	**28.2**	ND(1)	ND(1)	1.4	ND(2)	NR	NR
	07/17/01	2.7	NR	**27.2**	ND(1)	ND(1)	ND(1)	ND(2)	NR	NR
	09/25/01	3.6	NR	**36.9**	ND(1)	ND(1)	ND(1)	ND(2)	NR	NR
	11/14/01	2.2	NR	**33.5**	ND(1)	ND(1)	ND(1)	ND(2)	NR	NR
	01/08/02	2.3	NR	**28.1**	ND(1)	ND(1)	ND(1)	ND(2)	NR	NR
	03/26/02	2.8	NR	**27**	ND(1)	ND(1)	ND(1)	ND(2)	NR	NR
	09/05/02	2.1	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	01/03/03	1.9	NR	**8.4**	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	07/18/03	5.6	NR	3.7	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/27/03	3.6	NR	**6.2**	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	09/25/03	15.4	NR	4.1	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	12/03/03	13.2	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/16/04	27.7	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	06/16/04	32.9	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	08/11/04	**96.4**	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	12/28/04	**60**	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/29/05	**61.7**	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	06/02/05	**46**	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	09/02/05	34.3	NR	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	12/07/05	25.4	NR	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	03/21/06	**62.6**	NR	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	06/23/06	16.2	2.2	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	09/12/06	22.3	2.1	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	12/22/06	16.1	2.2	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	03/30/07	14.1	0.7	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	06/21/07	7.2	NR	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	09/16/07	11.9	0.8	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	12/09/07	11.3	1.2	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	03/04/08	10.2	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	06/06/08	6.3	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	10/09/08	9.6	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	1.2	ND(0.5)
	12/31/08	6.3	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)
	04/16/09	2.6	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	0.6
	07/16/09	3.1	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	09/21/09	6.1	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	12/10/09	3.1	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	03/23/10	1.9	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	06/30/10	2.9	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	09/08/10	12	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	12/13/10	4.5	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	03/28/11	1.5	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	09/22/11	ND(2)	NA	ND(2)	ND(2)	ND(2)	ND(2)	ND(2)	NA	NA
	03/20/12	6.4	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	09/19/12	5.6	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	03/29/13	5.4	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	09/30/13	6.8	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	03/26/14	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	2.4	ND(0.5)

TABLE 2
SHOPPING CENTER THORNE-THOMSEN POET SYSTEM AND ROGERS SUPPLY WELL SAMPLING ANALYTICAL DATA
(2001 TO PRESENT)
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

Supply Well / Drinking Water Standard	Sample Date	MTBE	TAME	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total TMB	Methylene Chloride	Chloromethane
	MCL	***--***	***--***	***5***	***1,000***	***700***	***10,000***	***--***	***--***	***--***
	VHA	***40***	***--***	***--***	***--***	***--***	***--***	***350***	***5***	***6***
	VAL	***--***	***--***	***1***	***--***	***--***	***--***	***--***	***--***	***--***
Shopping Center - Well #1 (Inactive, Former IGA Well)	04/10/00	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	05/08/00	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	06/12/00	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	07/17/00	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	08/14/00	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	09/19/00	2.3	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	10/17/00	2.7	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	11/14/00	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	12/13/00	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	01/17/01	1.8	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	02/14/01	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/13/01	2.1	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	04/17/01	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	November 2001	1.3	NR	NR	NR	NR	NR	NR	NR	NR
	January 2002	1.2	NR	NR	NR	NR	NR	NR	NR	NR
	Data not available or sampling not conducted until Well #1 was rehabilitated in 2013.									
	09/30/13	ND(0.5)	NA	ND(0.5)	13	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	03/26/14	ND(0.5)	ND(0.5)	ND(0.5)	0.6	ND(0.5)	ND(0.5)	ND(0.5)	2.5	ND(0.5)

TABLE 2
SHOPPING CENTER THORNE-THOMSEN POET SYSTEM AND ROGERS SUPPLY WELL SAMPLING ANALYTICAL DATA
(2001 TO PRESENT)
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

Supply Well / Drinking Water Standard	Sample Date	MTBE	TAME	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total TMB	Methylene Chloride	Chloromethane
	MCL	***--***	***--***	***5***	***1,000***	***700***	***10,000***	***--***	***--***	***--***
	VHA	***40***	***--***	***--***	***--***	***--***	***--***	***350***	***5***	***6***
	VAL	***--***	***--***	***1***	***--***	***--***	***--***	***--***	***--***	***--***
Thorne-Thomsen - POET System Influent	03/22/01	1	NR	4.6	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	09/25/01	1.38	NR	**12**	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	01/08/02	ND(1)	NR	2	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/26/02	2.8	NR	**27**	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	09/05/02	2	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	01/03/03	1.2	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/27/03	1.6	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	07/18/03	Not sampled.								
	09/25/03	5.5	NR	4.1	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	12/03/03	10.7	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/16/04	Not sampled.								
	06/16/04	28.7	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	08/11/04	Not sampled.								
	12/28/04	**43.9**	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/29/05	**50.1**	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	06/02/05	36.2	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	09/02/05	**45.1**	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	12/07/05	36.7	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/21/06	33.2	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	06/23/06	28.6	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	09/12/06	34.9	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	12/22/06	Not sampled.								
	03/30/07	**40.2**	NR	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	06/21/07	Not sampled.								
	09/16/07	Not sampled.								
	12/09/07	8.6	NR	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	03/04/08	17.6	NR	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	06/06/08	4.1	NR	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	NR	NR
	10/09/08	6.4	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	1.3	ND(0.5)
	12/31/08	3.8	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)
	04/16/09	0.5	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)
	07/16/09	2.1	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	09/21/09	1.9	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	12/10/09	Not sampled.								
	03/23/10	ND(0.5)	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	06/30/10	2	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	09/08/10	ND(0.5)	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	1.6
	12/13/10	Not sampled.								
	03/28/11	2.3	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	09/22/11	Not sampled.								
	03/20/12	ND(0.5)	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	09/19/12	2.3	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	03/29/13	5.5	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	09/30/13	4.9	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
	03/26/14	13	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

TABLE 2
SHOPPING CENTER THORNE-THOMSEN POET SYSTEM AND ROGERS SUPPLY WELL SAMPLING ANALYTICAL DATA
(2001 TO PRESENT)
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

Supply Well / Drinking Water Standard	Sample Date	MTBE	TAME	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total TMB	Methylene Chloride	Chloromethane
	MCL	***--***	***--***	***5***	***1,000***	***700***	***10,000***	***--***	***--***	***--***
	VHA	***40***	***--***	***--***	***--***	***--***	***--***	***350***	***5***	***6***
	VAL	***--***	***--***	***1***	***--***	***--***	***--***	***--***	***--***	***--***
Rogers Residence	03/27/03	1.4	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/16/04	22.1	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	03/29/05	6.5	NR	ND(1)	ND(1)	ND(1)	ND(2)	ND(2)	NR	NR
	12/07/05	0.9	NR	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	NR	NR
	03/21/06	1.9	NR	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	NR	NR
	06/23/06	1.5	NR	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	NR	NR
	09/12/06	1.4	NR	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	NR	NR
	12/22/06	1	NR	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	NR	NR
	03/30/07	ND(1)	NR	ND(1)	11.8	1.6	2.7	1	NR	NR
	06/21/07	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	NR	NR
	09/16/07	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	NR	NR
	12/06/07	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	NR	NR
	03/04/08	Not sampled.								
	06/06/08	ND(1)	NR	ND(1)	ND(1)	ND(1)	ND(3)	ND(2)	NR	NR
	10/09/08	ND(0.5)	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)
	12/31/08	Not sampled.								
	04/16/09	ND(0.5)	NA	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)
	07/16/09	No longer included in sampling program.								

NOTES:

1. Results reported in micrograms per liter (µg/L); bold results indicate an exceedence of the applicable MCL.
2. NA - not applicable; NR - not reported; POET system - point-of-entry treatment system.
3. ND(X) - constituent not detected above laboratory reporting limit noted.
4. MCL - Maximum Contaminant Levels for public water supplies from Chapter 21, Vermont Water Supply Rule (04/25/05) or Vermont Department of Health, Drinking Water Guidance (December 2002).
5. VHA - Vermont Health Advisories - guidelines for concentrations of chemicals in drinking water that do not have MCLs; VAL - Vermont Action Levels for eight chemicals of specific health concern in public water systems both established by the Vermont Department of Health (December 2002, revised February 2007).
6. Total TMB - 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene.
7. MTBE - methyl tert butyl ether; TAME - tertiary amyl ethyl ether.
8. Sampling performed prior to the October 2008 monitoring event was not completed by GeoInsight, Inc. These historical data were obtained from historical reports.

ATTACHMENT A

LABORATORY ANALYTICAL REPORT

Laboratory Report

Absolute Resource associates
124 Heritage Avenue Portsmouth NH 03801

Darrin Santos
GeoInsight, Inc.
186 Granite Street
3rd Floor, Suite A
Manchester, NH 03103

PO Number: None
Job ID: 29314
Date Received: 3/28/14

Project: Londonderry VT 5599

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Absolute Resource Associates' Quality Assurance Plan. The Standard Operating Procedures are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Absolute Resource Associates maintains certification with the agencies listed below.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Absolute Resource Associates

Sue Sylvester (for)
Principal, General Manager

Date of Approval: 4/9/2014
Total number of pages: 20

Absolute Resource Associates Certifications

New Hampshire	1732	Massachusetts	M-NH902
Maine	NH903		

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-001
Sample ID: TT-EFF
Matrix: Water
Sampled: 3/26/14 9:05

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
methyl t-butyl ether (MTBE)	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
benzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
toluene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2

Absolute Resource associates

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-001
Sample ID: TT-EFF
Matrix: Water
Sampled: 3/26/14 9:05

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
bromobenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		1400757	4/7/14	17:34	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	**79**	70-130	%	1	LMM		1400757	4/7/14	17:34	E524.2
1,4-dichlorobenzene-D4 SUR	**77**	70-130	%	1	LMM		1400757	4/7/14	17:34	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-002
Sample ID: TT-MID
Matrix: Water
Sampled: 3/26/14 9:10

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
chloromethane	< 1.0	1.0	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
bromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
chloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
methyl t-butyl ether (MTBE)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
chloroform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
benzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
toluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
o-xylene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
styrene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
bromoform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-002
Sample ID: TT-MID
Matrix: Water
Sampled: 3/26/14 9:10

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
n-propylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
bromobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
naphthalene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:54	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	**73**	70-130	%	1	AJD		1400717	4/1/14	18:54	E524.2
1,4-dichlorobenzene-D4 SUR	**77**	70-130	%	1	AJD		1400717	4/1/14	18:54	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-003
Sample ID: TT-INF
Matrix: Water
Sampled: 3/26/14 9:15

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
chloromethane	< 1.0	1.0	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
bromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
chloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
methyl t-butyl ether (MTBE)	**13**	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
chloroform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
benzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
toluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
o-xylene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
styrene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
bromoform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-003
Sample ID: TT-INF
Matrix: Water
Sampled: 3/26/14 9:15

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
n-propylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
bromobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
naphthalene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:50	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	**79**	70-130	%	1	AJD		1400717	4/1/14	20:50	E524.2
1,4-dichlorobenzene-D4 SUR	**78**	70-130	%	1	AJD		1400717	4/1/14	20:50	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-004
Sample ID: Shopping Center EFF
Matrix: Water
Sampled: 3/26/14 9:45

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
chloromethane	< 1.0	1.0	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
bromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
chloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
methylene chloride	**0.7**	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
methyl t-butyl ether (MTBE)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
chloroform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
benzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
toluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
o-xylene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
styrene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
bromoform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-004
Sample ID: Shopping Center EFF
Matrix: Water
Sampled: 3/26/14 9:45

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
n-propylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
bromobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
naphthalene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	18:15	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	**79**	70-130	%	1	AJD		1400717	4/1/14	18:15	E524.2
1,4-dichlorobenzene-D4 SUR	**74**	70-130	%	1	AJD		1400717	4/1/14	18:15	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-005
Sample ID: Shopping Center MID-A
Matrix: Water
Sampled: 3/26/14 9:50

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
chloromethane	< 1.0	1.0	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
bromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
chloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
methylene chloride	**1.6**	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
methyl t-butyl ether (MTBE)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
chloroform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
benzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
toluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
o-xylene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
styrene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
bromoform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-005
Sample ID: Shopping Center MID-A
Matrix: Water
Sampled: 3/26/14 9:50

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
n-propylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
bromobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
naphthalene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	19:33	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	**76**	70-130	%	1	AJD		1400717	4/1/14	19:33	E524.2
1,4-dichlorobenzene-D4 SUR	**72**	70-130	%	1	AJD		1400717	4/1/14	19:33	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-006
Sample ID: Shopping Center MID-E
Matrix: Water
Sampled: 3/26/14 9:55

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
chloromethane	< 1.0	1.0	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
bromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
chloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
methylene chloride	**1.0**	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
methyl t-butyl ether (MTBE)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
chloroform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
benzene	**1.3**	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
toluene	**0.7**	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
o-xylene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
styrene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
bromoform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-006
Sample ID: Shopping Center MID-E
Matrix: Water
Sampled: 3/26/14 9:55

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
n-propylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
bromobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
naphthalene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	20:11	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	**72**	70-130	%	1	AJD		1400717	4/1/14	20:11	E524.2
1,4-dichlorobenzene-D4 SUR	**75**	70-130	%	1	AJD		1400717	4/1/14	20:11	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-007
Sample ID: Shopping Center INF
Matrix: Water
Sampled: 3/26/14 10:00

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
chloromethane	< 1.0	1.0	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
bromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
chloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
methylene chloride	**2.4**	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
methyl t-butyl ether (MTBE)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
chloroform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
benzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
toluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
o-xylene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
styrene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
bromoform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-007
Sample ID: Shopping Center INF
Matrix: Water
Sampled: 3/26/14 10:00

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
n-propylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
bromobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
naphthalene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	21:29	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	**78**	70-130	%	1	AJD		1400717	4/1/14	21:29	E524.2
1,4-dichlorobenzene-D4 SUR	**75**	70-130	%	1	AJD		1400717	4/1/14	21:29	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-008
Sample ID: Shopping Center Pump 1
Matrix: Water
Sampled: 3/26/14 10:05

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
chloromethane	< 1.0	1.0	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
bromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
chloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
methylene chloride	**2.5**	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
methyl t-butyl ether (MTBE)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
chloroform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
benzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
toluene	**0.6**	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
o-xylene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
styrene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
bromoform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-008
Sample ID: Shopping Center Pump 1
Matrix: Water
Sampled: 3/26/14 10:05

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
n-propylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
bromobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
naphthalene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	22:08	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	**73**	70-130	%	1	AJD		1400717	4/1/14	22:08	E524.2
1,4-dichlorobenzene-D4 SUR	**76**	70-130	%	1	AJD		1400717	4/1/14	22:08	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-009
Sample ID: Trip Blank
Matrix: Water
Sampled: 3/26/14 0:00

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
chloromethane	< 1.0	1.0	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
bromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
chloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
methyl t-butyl ether (MTBE)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
chloroform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
benzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
toluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
o-xylene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
styrene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
bromoform	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2

Project ID: Londonderry VT 5599
Job ID: 29314
Sample#: 29314-009
Sample ID: Trip Blank
Matrix: Water
Sampled: 3/26/14 0:00

Parameter	Result	Reporting Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
n-propylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
bromobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
naphthalene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	AJD		1400717	4/1/14	15:02	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	**76**	70-130	%	1	AJD		1400717	4/1/14	15:02	E524.2
1,4-dichlorobenzene-D4 SUR	**82**	70-130	%	1	AJD		1400717	4/1/14	15:02	E524.2

Absolute Resource associates
124 Heritage Avenue #16
Portsmouth, NH 03801
603-436-2001
absoluteresourceassociates.com

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

29314

Company Name: Geolnsight
Company Address: 186 Granite ST 3rd FlSTEA
Manchester NH 03101
Report To: Darrin Santos
Phone #: 603-314-0820
Invoice To: Same
☐ Email:

Project Name: Londonderry VT
Project #: 5599
Project Location: NH MA ME (VT) NY Other
Protocol: RCRA SDWA NPDES MCP NHDES OTHER
Reporting Limits: QAPP GW-1 S-1 EPA DW Other
Quote # ☐ NH Reimbursement Pricing
PO #

ANALYSIS REQUEST

☐ VOC 8260 ☐ VOC 8260 NHDES ☐ VOC 8260 MADEP
☐ VOC 624 ☐ VOC BTEX ☐ MtBE, only ☐ VOC 8021VT
☐ VPH MADEP ☐ MEGRO ☐ GRO 8015 ☐ 1,4-Dioxane
☐ VOC 524.2 ☐ VOC 524.2 NH List ☐ Gases-List:
☐ TPH ☐ DRO 8015 ☐ MEDRO ☐ EPH MADEP ☐ TPH Fingerprint
☐ 8270PAH ☐ 8270ABN ☐ 825 ☐ EDB
☐ 8082 PCB ☐ 8081 Pesticides ☐ 608 Pest/PCB
☐ O&G 1664 ☐ Mineral O&G SM5520F
☐ pH ☐ BOD ☐ Conductivity ☐ Turbidity
☐ TSS ☐ TDS ☐ TS ☐ TVS ☐ Alkalinity
☐ RCRA Metals ☐ Priority Pollutant Metals ☐ TAL Metals ☐ Hardness
☐ Total Metals-list:
☐ Dissolved Metals-list:
☐ Ammonia ☐ COD ☐ TKN ☐ TN ☐ TON ☐ TOC
☐ T-Phosphorus ☐ Phenols ☐ Bacteria P/A ☐ Bacteria MPN
☐ Cyanide ☐ Sulfide ☐ Nitrate + Nitrite ☐ Ortho P
☐ Nitrate ☐ Nitrite ☐ Chloride ☐ Sulfate ☐ Bromide ☐ Fluoride
☐ Corrosivity ☐ Reactive CN ☐ Reactive S- ☐ Ignitibility/FP
☐ TCLP Metals ☐ TCLP VOC ☐ TCLP SVOC ☐ TCLP Pesticide
Subcontract: ☐ Grain Size ☐ Herbicides ☐ Formaldehyde
Grab (G) or Composite (C)

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix: WATER	SOLID	OTHER	Preservation Method: HCl	HNO_3	H_2SO_4	NaOH	MeOH	Sampling: DATE	TIME	SAMPLER	Grab (G) or Composite (C)
13931401	TT-EFF	2	X			X					3/26/14	9:05	JF	G
02	TT-MID	2	X			X						9:10		
03	TT-INF											9:15		
04	Shopping Center EFF											9:45		
05	Shopping Center MID-A											9:50		
06	Shopping Center MID-E											9:55		
07	Shopping Center INF											10:00		
08	Shopping Center Pump											10:05		
09	Trip Blank	1									1/31/14	—	—	

TAT REQUESTED
Priority (24 hr)* ☐
Expedited (48 hr)* ☐
Standard (10 Business Days) X
*Date Needed

See absoluteresourceassociates.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS X PDF (e-mail address) DLSantos@GeoInc.Com
☐ HARD COPY REQUIRED ☐ FAX (FAX#)

RECEIVED ON ICE ☑ YES ☐ NO
TEMPERATURE 5 °C

CUSTODY RECORD
QSD-01 Revision 08/09/13

		Date	Time		Date	Time
Relinquished by Sampler:		3/26/14	13:00	Received by:	3/26/14	13:00
Relinquished by:	(cold storage)	3/28/14	13:55	Received by:	3/28/14	1355
Relinquished by:		3/28/14	16:10	Received by Laboratory:	3/28/14	16:10

20

ATTACHMENT B

PROPERTY OWNER POET SYSTEM SAMPLING LETTERS

GeoInsight®
Environmental Strategy & Engineering
Practical in Nature

May 1, 2014 GeoInsight Project 5599-002

Roger Thorne-Thomsen
2425 Pikes Falls Road
Jamaica, VT 05343-4436

RE: Results of March 2014 Supply Well Treatment System Sampling
Thorne-Thomsen Residence
Londonderry Citgo/Londonderry Shopping Center
Londonderry, Vermont
VTDEC SMS #1996-2015

Dear Mr. Thorne-Thomsen:

At the request of the Vermont Department of Environmental Conservation (VTDEC), GeoInsight, Inc. collected water samples from your supply well point-of-entry treatment (POET) system during a
March 26, 2014 monitoring event associated with the Londonderry Citgo/Londonderry Shopping Center site (SMS #1996-2015) located in Londonderry, Vermont. The POET system samples were submitted to Absolute Resource Associates of Portsmouth, New Hampshire for analysis of volatile organic compounds by United States Environmental Protection Agency Method 524.2.

A concentration of 13 micrograms per liter (µg/L) of methyl tertiary butyl ether (MTBE) was detected in the system influent sample ("TT INF"). The VTDEC Primary Groundwater Enforcement Standard and drinking water guideline for MTBE is 40 µg/L. MTBE was not detected above the laboratory reporting limit in the POET system effluent ("TT EFF") sample. Note that the effluent sample is collected after water is treated by the POET system.

A copy of the laboratory results for the March 2014 POET system monitoring event is enclosed for your records. Results for POET system mid-point sample ("TT MID") are also included in the laboratory report. This data is used by the water system operator to evaluate system maintenance requirements.

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GeoInsight, Inc.
200 Court Street, 2nd Floor
Middletown, CT 06657-3341
Tel (860) 894-1022
Fax (860) 894-1023

If you have questions regarding these results, contact us in our Manchester, New Hampshire office at (603) 314-0820.

Sincerely,
GEOINSIGHT, INC.

Darrin L. Santos, P.G.
Senior Geologist

Peter D. Frank, P.G.
Associate/Senior Hydrogeologist

Enclosure

cc: Tim Cropley, VTDEC
John Beauchamp, POET System Operator, Vermont Water Treatment Company

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GeoInsight®
Environmental Strategy & Engineering
Practical in Nature

May 1, 2014 GeoInsight Project 5599-002

Robert Waite
Londonderry Ventures
Mountain Marketplace
PO Box 147
Londonderry, VT 05148

RE: Results of March 2014 Supply Well Treatment System Sampling
Londonderry Citgo/Londonderry Shopping Center
Londonderry, Vermont
VTDEC SMS #1996-2015

Dear Mr. Waite:

At the request of the Vermont Department of Environmental Conservation (VTDEC), GeoInsight, Inc. collected water samples from the supply well point-of-entry treatment (POET) system serving the Londonderry Shopping Center on March 26, 2014 during a monitoring event associated with the Londonderry Citgo/Londonderry Shopping Center site (SMS #1996-2015) in Londonderry, Vermont. In addition to sampling the "main" well for the property (also known as "Well #2"), a sample was also collected from the inactive, but recently rehabilitated Former IGA well (also known as "Well #1" sample designated "Shopping Center Pump 1"). The POET system samples from the main well and the raw supply well sample from the Former IGA well were submitted to Absolute Resource Associates, LLC. of Portsmouth, New Hampshire for analysis of volatile organic compounds by United States Environmental Protection Agency Method 524.2.

Methyl tertiary butyl ether (MTBE), the primary constituent of concern at the site, was not detected above laboratory reporting limits in four main well POET samples or the IGA well sample. Concentrations of methylene chloride from 0.7 to 2.4 micrograms per liter (µg/L) were detected in the five samples collected on March 26, 2014, below the Vermont drinking water standard of 5 µg/L. Methylene chloride is a common laboratory contaminant.

Benzene and toluene were detected at concentrations of 1.3 and 0.7 µg/L, respectively, both below the applicable groundwater and drinking water standards, in the Shopping Center "Mid E" mid-point sample.

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In addition to methylene chloride, toluene was also detected at a concentration of 0.6 µg/L in the sample collected from the Former IGA well. This concentration is well below the applicable Vermont Primary Groundwater Enforcement Standard of 1,000 µg/L. Note, toluene is a constituent in petroleum fuels, but also it is commonly found in recently rehabilitated wells, particularly as a result of electrical tape that is often used to secure well pump supply piping to the electrical cables when new pumps are installed.

A copy of the laboratory results for the March 2014 POET system and supply well monitoring event is enclosed for your records. Results for Shopping Center POET system mid-point samples ("MID A" and "MID-E") are also included in the laboratory report. This data is used by the water system operator to evaluate system maintenance requirements.

If you have questions regarding these results, contact us in our Manchester, New Hampshire office at (603) 314-0820.

Sincerely,
GEOINSIGHT, INC.

Darrin L. Santos, P.G.
Senior Geologist

Peter D. Frank, P.G.
Associate/Senior Hydrogeologist

Enclosure

cc: Tim Cropley, VTDEC
John Beauchamp, POET System Operator, Vermont Water Treatment Company

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