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**	

DECEMBER 2009 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
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Prepared by:

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January 20, 2010

GeoInsight Project 5599-000
File: 5599/CVR

GeoInsight®
Environmental Strategy & Engineering
Practical in Nature

January 20, 2010 GeoInsight Project 5599-000

Tim Cropley
Sites Management Section
Vermont Department of Environmental Conservation
103 South Main Street, West Building
Waterbury, VT 05671

RE: December 2009 POET System Sampling Report
Londonderry Citgo/Londonderry Shopping Center – **SMS #1996-2015**
5700 Route 100
Londonderry, Vermont

Dear Mr. Cropley:

At the request of Summit Distributing, LLC, GeoInsight, Inc. (GeoInsight) prepared this report to summarize the December 2009 supply well, point-of-entry treatment (POET) system monitoring event performed at the Londonderry Citgo/Londonderry Shopping Center property located at 5700 Route 100 in Londonderry, Vermont (the site). A site locus map is presented as Figure 1 and a site plan is presented as Figure 2.

A scope of work for these activities was outlined in a Work Plan/Cost Estimate Budget Sheet transmitted to the Vermont Department of Environmental Conservation (VTDEC) on February 25, 2009. The VTDEC approved the proposed sampling activities and associated costs in an email dated March 23, 2009 (Attachment A).

POET SYSTEM AND SUPPLY WELL MONITORING EVENT

POET System Sampling and Analysis

GeoInsight performed a POET system monitoring event at the site on December 10, 2009. Sampling activities included the purging and sampling of the POET system serving the Londonderry Shopping Center supply well. Prior to the monitoring event, GeoInsight made several attempts to contact Roger Thorne-Thomsen, owner of the residence abutting the site to the east. Also, during the December 10, 2009 sampling event, GeoInsight checked several times at the residence, but was unable to access the POET system to collect samples.

On December 10, 2009, water samples were collected from the Shopping Center supply well POET system influent, two mid-point locations (A-1 and G-1), and the system effluent. Prior to

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sample collection, at least three times the volume of water contained within the POET system atmospheric storage tanks was purged and the storage tanks were allowed to recharge before sampling. After the recharge period, water samples were collected from the sampling points for analyses of volatile organic compounds (VOCs). The POET system water samples were submitted to Resource Laboratories, LLC of Portsmouth, New Hampshire and were analyzed by United States Environmental Protection Agency Method 524.2.

Table 1 is a summary of VOC data from the December 2009 POET system monitoring event. Table 2 summarizes historical POET system influent sample data for the Shopping Center and Thorne-Thomsen residence from 2001 through present. Table 2 also includes historical supply well sampling data for the Rogers residence, which until 2009 was sampled quarterly. The laboratory analytical report for the December 2009 monitoring event is presented in Attachment B.

POET System Sampling Results

During the December 2009 POET system sampling, methyl tertiary butyl ether (MTBE) was detected in the Shopping Center POET system influent sample at a concentration of 3.1 micrograms per liter (µg/L) and 0.8 µg/L of MTBE was detected in the system effluent sample. The detected concentrations of MTBE were below the Vermont Primary Groundwater Enforcement Standard (VPGES) of 40 µg/L. The Vermont Department of Health has also established a Vermont Health Advisory concentration for MTBE in drinking water of 40 µg/L. POET system mid-point sample data are summarized in Table 1. It should be noted that benzene was detected at a concentration of 5.1 µg/L in Shopping Center POET system mid-point sample A-1 collected during December 2009 (benzene was not detected in the system influent or effluent samples). The VPGES for benzene is 5 µg/L.

GeoInsight transmitted the results of the December 2009 POET system sampling event to the Shopping Center property owner in a letter dated January 20, 2009. A copy of the sampling results letter was also provided to the POET system operator, John Beauchamp of the Vermont Water Treatment Company, and is presented in Attachment C.

DATA ANALYSIS/DISCUSSION

The December 2009 POET system data were generally consistent with more recent data, which indicate decreasing concentrations of low-level residual VOCs (primarily MTBE) in the system influent samples for the Shopping Center and Thorne-Thomsen POET systems.

MTBE has not been detected at a concentration exceeding the VPGES of 40 µg/L in influent samples collected from the Shopping Center and Thorne-Thomsen POET systems since March 2006 and March 2007, respectively. MTBE concentrations during sampling of the two system influent points since those dates have ranged from 0.5 to 22.3 µg/L.

RECOMMENDATIONS

Based upon the recent trend of decreasing VOCs in ground water and supply well samples collected during recent monitoring events, the site appears to be approaching conditions allowing for a Sites Management Action Completed (SMAC) designation. However, because MTBE continues to be detected above the laboratory practical quantitation limit (PQL) in the POET system influent samples, GeoInsight recommends continued POET system operation and quarterly monitoring during 2010 for the Shopping Center and Thorne-Thomsen residence.

VOCs have remained at concentrations below laboratory PQLs or, when detected, at concentrations below applicable VPGESs in ground water samples from site overburden wells since the September 2007 monitoring event. Therefore, GeoInsight recommends completing a comprehensive monitoring well sampling event during April 2010 to evaluate which monitoring wells can be permanently removed from the sampling program and decommissioned. Following completion of the comprehensive April 2010 sampling event and review of the associated data, GeoInsight will make recommendations for decommissioning a sub-set of site monitoring wells and preserving key wells for future monitoring until the site receives the SMAC designation.

A Work Plan/Cost Estimate Budget Sheet for the 2010 monitoring program is included in Attachment D. Since the monitoring program proposed for 2010 generally follows the scope of work performed in 2008 and 2009, a written Work Plan summary was not included with the Budget Sheet. It should be noted, however, that costs were included for ground water monitoring in September 2010 (in addition to POET system sampling), which assumes that approximately four monitoring wells will remain after the proposed comprehensive April 2010 ground water monitoring event and subsequent well decommissioning. A detailed budget will be presented to the VTDEC following the April 2010 monitoring event, which will detail a list of wells proposed for decommissioning and the associated decommissioning costs.

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

Sincerely,
GEOINSIGHT, INC.

Eric D. Johnson
Project Geologist

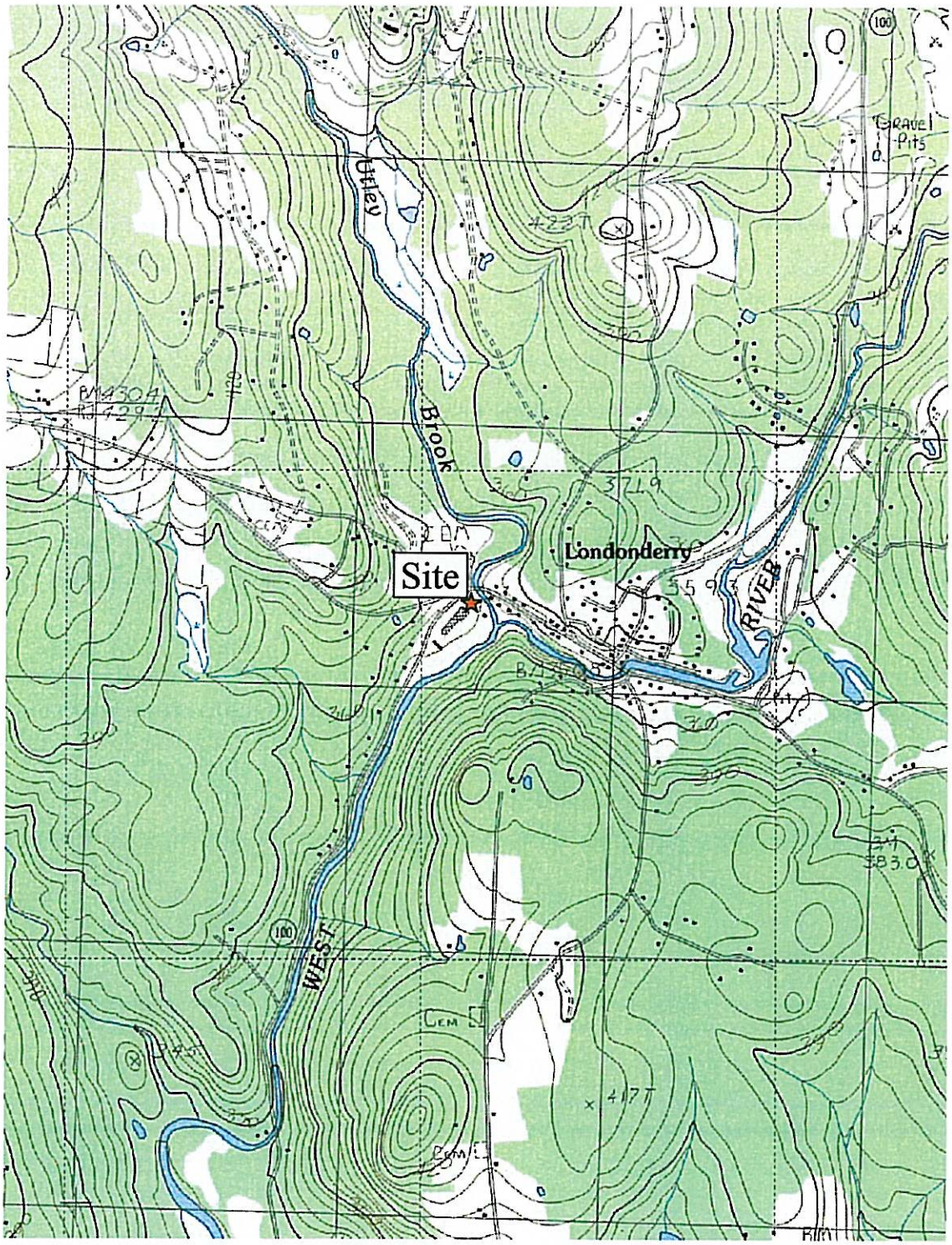
Darrin L. Santos, P.G.
Senior Geologist

Attachments

cc: Summit Distributing, LLC

P:\5599 Summit Londonderry VT\Monitoring\2009\Dec 09\5599Dec09GWreport.doc

FIGURES



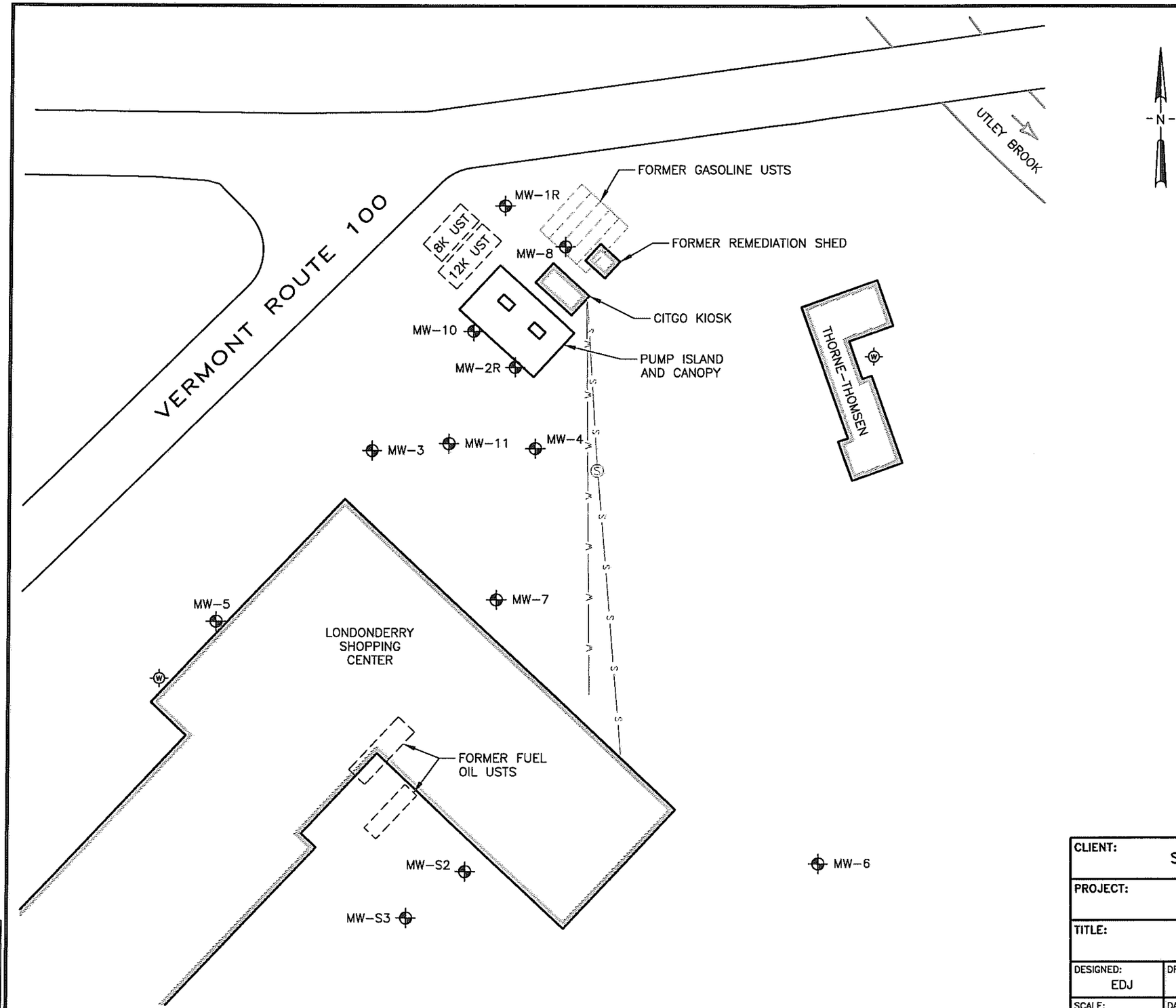
SOURCE:

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



LEGEND

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

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				GeoInsight *Practical in Nature*
PROJECT: 5700 ROUTE 100 LONDONDERRY, VERMONT				
TITLE: SITE PLAN				
DESIGNED: EDJ	DRAWN: STM	CHECKED: DLS	APPROVED: PDF	
SCALE: 1" = 40'	DATE: 01/08/09	FILE NO.: 5599D001	PROJECT NO.: 5599-000	FIGURE NO.: 2

TABLES

TABLE 1
SUMMARY OF SUPPLY WELL SAMPLING AND QUALITY ASSURANCE/QUALITY CONTROL ANALYTICAL DATA - DECEMBER 2009 EVENT
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

MONITORING DATE: DECEMBER 10, 2009												
Supply Well	MTBE	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Total TMB	Isopropylbenzene	EDB	1,2-DCA	chloromethane	Trichloroethene	Methylene chloride
Shopping Center Main - Influent	3.1	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
Shopping Center Main - Mid A-1	0.7	**5.1**	0.9	ND(0.5)	ND(1)	ND(1)	1.3	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
Shopping Center Main - Mid G-1	1.3	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(1)	ND(0.5)	ND(0.5)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)
Shopping Center Main - Effluent	0.8	ND(0.5)	ND(0.5)	ND(0.5)	ND(1)	ND(1)	ND(0.5)	ND(0.5)	ND(0.5)	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(0.5)	ND(0.5)	ND(0.5)
MCL	–	*5*	*1,000*	*700*	*10,000*	–	–	*0.05*	*5*	–	*5*	–
VHA	*40*	–	–	–	–	*350*	–	–	–	*30*	–	*5*
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 practical quantitation limit 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)

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*	–	*5*	*–*
	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.								

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*	–	*5*	*3*
	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	Not included in sampling program.								
	09/21/09	Not included in sampling program.								
	12/10/09	Not 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 practical quantitation limit 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

2009 WORK PLAN BUDGET SHEET AND MARCH 23, 2009 VTDEC EMAIL

BUDGET SHEET - 2009 MONITORING PROGRAM
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

VTDEC SMS#:	1996-2015	Facility Name:	Londonderry Citgo/Londonderry Shopping Center	Owner:	Summit Distributing, LLC						
		Facility Address:	5700 Route 100	Mailing:	240 Mechanic Street						
Date of Submittal:	February 25, 2009	Town:	Londonderry, Vermont	Address:	Lebanon, New Hampshire 03766						

				Class Overall Breakdown				Breakdown by Class		
Description By Task	Contractor	Description	Code	Units	Type	Rate	Cost	Eng./Hydro Services	Laboratory Services	Other
WORK PLAN AND BUDGET PREPARATION										
Includes costs to research current and historical data to develop 2009 monitoring plan and costs to prepare the Work Plan and Budget.	GeoInsight	Principal	E	1	hrs	$125	$125.00	$125.00		
		Senior Geologist	E	4	hrs	$115	$460.00	$460.00		
					Task Total		$585.00	$585.00		
MARCH/APRIL 2009 MONITORING										
March/April 2009 Project Management and Coordination Includes scheduling 15 supply well sampling times.	GeoInsight	Senior Geologist	E	1	hrs	$115	$115.00	$115.00		
		Staff Eng/Geo	E	8	hrs	$75	$600.00	$600.00		
		Clerical	E	2	hrs	$50	$100.00	$100.00		
					Subtotal		$815.00	$815.00		
March/April 2009 Ground Water and Drinking Water Sampling and Analyses, Road-Box Repair Includes sampling of 4 monitoring wells and gauging elevations in 8 other; sampling two POET systems; sampling up to 15 area supply wells; and replacement of road-boxes at wells MW-1R, MW-6, MW-7, and MW-11.	GeoInsight (sampling & road box repair)	Staff Eng/Geo (w/ travel)	E	12	hrs	$75.00	$900.00	$900.00		
		Tech-II (w/ travel)	E	12	hrs	$65.00	$780.00	$780.00		
		Mileage	E	228	miles	$0.585	$133.38	$133.38		
		Water Level Meter	E	1	day	$25.00	$25.00	$25.00		
		Sample Equip/Materials (per well)	E	4	each	$15.00	$60.00	$60.00		
		Jack Hammer	O	1	day	$75.00	$75.00			$75.00
		Generator	O	1	day	$50.00	$50.00			$50.00
		Road Boxes	O	4	each	$75.00	$300.00			$300.00
		J-Plugs	O	4	each	$12.00	$48.00			$48.00
		Concrete	O	4	bag	$12.00	$48.00			$48.00
	Resource Labs NOTE 1	Petrol VOCs by USEPA 8021	L	5	each	$75.00	$375.00		$375.00	
		VOCs by 524.2 (POET Systems)	L	7	each	$130.00	$910.00		$910.00	
		VOCs by 524.2 (15 Supply Wells)	L	15	each	$130.00	$1,950.00		$1,950.00	
		Laboratory Subcontractor Markup	L	0.1	M/U	10%	$323.50		$323.50	
					Subtotal		$5,977.88	$1,898.38	$3,558.50	$521.00
March/April 2009 Summary Report (submitted electronically to the VTDEC and to include flow and plume maps) and POET and supply well sampling letters (15).	GeoInsight	Senior Geologist	E	2	hrs	$115	$230.00	$230.00		
		Staff Eng/Geo	E	16	hrs	$75	$1,200.00	$1,200.00		
		CADD	E	4	hrs	$60	$240.00	$240.00		
		Clerical	E	6	hrs	$50	$300.00	$300.00		
					Subtotal		$1,970.00	$1,970.00		
					Task Total		$8,762.88	$4,683.38	$3,558.50	$521.00

BUDGET SHEET - 2009 MONITORING PROGRAM
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

VTDEC SMS#: 1996-2015
Date of Submittal: February 25, 2009
Facility Name: Londonderry Citgo/Londonderry Shopping Center
Facility Address: 5700 Route 100
Town: Londonderry, Vermont
Owner: Summit Distributing, LLC
Mailing Address: 240 Mechanic Street, Lebanon, New Hampshire 03766

Description By Task	Contractor	Description	Code	Class Overall Breakdown Units	Type	Rate	Cost	Breakdown by Class: Eng./Hydro Services	Laboratory Services	Other
JUNE 2009 MONITORING										
June 2009 Project Management and Coordination	GeoInsight	Senior Geologist	E	0.5	hrs	$115	$57.50	$57.50		
		Staff Eng/Geo	E	2	hrs	$75	$150.00	$150.00		
		Clerical	E	1	hrs	$50	$50.00	$50.00		
					Subtotal		$257.50	$257.50		
June 2009 Drinking Water Sampling and Analyses Sampling of the Shopping Center and Thorne-Thomsen POET systems including purging of the Shopping Center system prior to sampling.	GeoInsight	Tech-II (w/ travel)	E	10	hrs	$65.00	$650.00	$650.00		
		Mileage	E	228	miles	$0.550	$125.40	$125.40		
	Resource Labs NOTE 2	VOCs by 524.2	L	7	each	$130.00	$910.00		$910.00	
		Laboratory Subcontractor Markup	L	0.1	M/U	10%	$91.00		$91.00	
					Subtotal		$1,776.40	$775.40	$1,001.00	
June 2009 Prepare summary letter report (submitted electronically to the VTDEC) and POET and supply well sampling letters.	GeoInsight	Senior Geologist	E	1	hrs	$115	$115.00	$115.00		
		Staff Eng/Geo	E	8	hrs	$75	$600.00	$600.00		
		Clerical	E	3	hrs	$50	$150.00	$150.00		
					Subtotal		$865.00	$865.00		
					Task Total		$2,898.90	$1,897.90	$1,001.00	
SEPTEMBER 2009 MONITORING										
September 2009 Project Management and Coordination	GeoInsight	Senior Geologist	E	1	hrs	$115	$115.00	$115.00		
		Staff Eng/Geo	E	2	hrs	$75	$150.00	$150.00		
		Clerical	E	1	hrs	$50	$50.00	$50.00		
					Subtotal		$315.00	$315.00		
September 2009 Ground and Drinking Water Sampling and Analyses Includes sampling of 4 monitoring wells and gauging of 8 wells, and sampling two POET systems.	GeoInsight	Tech-II (w/ travel)	E	14	hrs	$65.00	$910.00	$910.00		
		Mileage	E	228	miles	$0.585	$133.38	$133.38		
		Water Level Meter	E	1	day	$25.00	$25.00	$25.00		
		Sample Equip/Materials (per well)	E	4	each	$15.00	$60.00	$60.00		
	Resource Labs NOTE 1	Petrol VOCs by USEPA 8021	L	5	each	$75.00	$375.00		$375.00	
		VOCs by 524.2	L	7	each	$130.00	$910.00		$910.00	
		Laboratory Subcontractor Markup	L	0.1	M/U	10%	$128.50		$128.50	
					Subtotal		$2,541.88	$1,128.38	$1,413.50	
September 2009 Summary Report (submitted electronically to the VTDEC and to include flow and plume maps) and POET and supply well sampling letters.	GeoInsight	Senior Geologist	E	2	hrs	$115	$230.00	$230.00		
		Staff Eng/Geo	E	12	hrs	$75	$900.00	$900.00		
		CADD	E	4	hrs	$60	$240.00	$240.00		
		Clerical	E	4	hrs	$50	$200.00	$200.00		
					Subtotal		$1,570.00	$1,570.00		
					Task Total		$4,426.88	$3,013.38	$1,413.50	

BUDGET SHEET - 2009 MONITORING PROGRAM
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

VTDEC SMS#:	1996-2015	Facility Name:	Londonderry Citgo/Londonderry Shopping Center	Owner:	Summit Distributing, LLC
Date of Submittal:	February 25, 2009	Facility Address:	5700 Route 100	Mailing:	240 Mechanic Street
		Town:	Londonderry, Vermont	Address:	Lebanon, New Hampshire 03766

Description By Task	Contractor	Description	Code	Class Overall Breakdown				Breakdown by Class		
				Units	Type	Rate	Cost	Eng./Hydro Services	Laboratory Services	Other
DECEMBER 2009 MONITORING										
December 2009 Project Management and Coordination	GeoInsight	Senior Geologist	E	0.5	hrs	$115	$57.50	$57.50		
		Staff Eng/Geo	E	2	hrs	$75	$150.00	$150.00		
		Clerical	E	1	hrs	$50	$50.00	$50.00		
						Subtotal	$257.50	$257.50		
December 2009 Drinking Water Sampling and Analyses Sampling of the Shopping Center and Thorne-Thomsen POET systems including purging of the Shopping Center system prior to sampling.	GeoInsight	Tech-II (w/ travel)	E	10	hrs	$65.00	$650.00	$650.00		
		Mileage	E	228	miles	$0.550	$125.40	$125.40		
	Resource Labs	VOCs by 524.2	L	7.0	each	$130.00	$910.00		$910.00	
	NOTE 2	Laboratory Subcontractor Markup	L	0.1	M/U	10%	$91.00		$91.00	
						Subtotal	$1,776.40	$775.40	$1,001.00	
December 2009 Prepare summary letter report (submitted electronically to the VTDEC) and POET and supply well sampling letters.	GeoInsight	Senior Geologist	E	1	hrs	$115	$115.00	$115.00		
		Staff Eng/Geo	E	8	hrs	$75	$600.00	$600.00		
		Clerical	E	3	hrs	$50	$150.00	$150.00		
						Subtotal	$865.00	$865.00		
						Task Total	$2,898.90	$1,897.90	$1,001.00	
						TOTAL PROPOSED	$19,572.56	$12,077.56	$6,974.00	$521.00

Class Codes:
E = Eng./Hydrogeology Services
L = Laboratory Services
O = Other

Notes/Comments:
1) Laboratory analyses for the March and September 2009 events include petroleum VOCs by 8021 for 4 monitoring wells plus one duplicate QA sample, and VOCs by 524.2 for four samples for the Shopping Center POET system, three samples for the Thorne-Thomsen POET system, and, during March 2009, 15 samples for area supply wells (a trip blank sample will be analyzed by the laboratory at no cost).
2) Laboratory analyses for the June and December 2009 event include VOCs by 524.2 for four samples for the Shopping Center POET system and three samples for the Thorne-Thomsen POET system.

From: Cropley, Tim [Tim.Cropley@state.vt.us]
Sent: Monday, March 23, 2009 3:51 PM
To: Darrin L. Santos
Subject: RE: Londonderry Citgo, SMS #1996-2015
Hi Darrin. I took some time to review the work plan and cost estimate today. I have a few minor comments.

1) The mileage rate listed in the March and Sept cost estimates had $0.585 instead of the going rate of $0.55 that's list in June and Dec.
2) I'd like MW-7 added in for sampling as well.
3) Keep in mind that I will be asking for samples from all wells at some point prior to either well abandonment or site closure. I'm not opposed to doing the sampling and abandonment in a phased approach. This way we can abandon those that are no longer needed since if we have adequate coverage without them and there's been nothing there for more than 1-2 years.

Based on the above, I approve the work plan and cost estimate dated February 25, 2009 with the addition of MW-7 sampling and analysis during the March and Sept event and the slight mileage reimbursement adjustment.

Please let me know if you have any additional comments or questions.

From: Cropley, Tim
Sent: Monday, March 23, 2009 11:00 AM
To: 'Darrin L. Santos'
Subject: RE: Londonderry Citgo, SMS #1996-2015

Hey Darrin. It's on my to do list. I plan to get it reviewed this week. Stay tuned.

Tim

From: Darrin L. Santos [mailto:DLSantos@geoinc.com]
Sent: Monday, March 23, 2009 9:34 AM
To: Cropley, Tim
Subject: Londonderry Citgo, SMS #1996-2015

Hi Tim,

I'm wondering if you had a chance to review the 2009 Work Plan and Budget for the Londonderry Citgo site yet (see Feb 25 email below). We're currently scheduling spring field work (as the weather clears) and there was a proposed March or April event for this site.

Best Regards,

Darrin Santos

From: Darrin L. Santos
Sent: Wednesday, February 25, 2009 2:18 PM
To: 'Cropley, Tim'
Subject: RE: Dec 2008 POET data, Londonderry Citgo, SMS #1996-2015

Hi Tim,

As discussed (albeit a few days behind schedule), attached are the December 2008 monitoring report and a Work Plan and Budget for 2009 monitoring activities for the Londonderry Citgo site.

The total budget appears to be slightly higher than ECS's from last year; however, I believe that is a result of GeoInsight proposing to use full list VOC 524.2 analyses for the drinking water samples as opposed to the 8021 short list (the cost for a 524.2 is roughly twice that of the 8021). We also have costs included for well road-box replacement during the March/April event and an extra field staff member to assist with the road-box repair, ground water monitoring, and area supply well sampling, which were not in the 2008 budget.

Please contact me with any questions regarding the December 2008 report or the 2009 Work Plan and Budget.

Best Regards,

Darrin Santos

ATTACHMENT B

DECEMBER 2009 ANALYTICAL REPORT

Laboratory Report

Resource Laboratories, LLC
124 Heritage Avenue #10 Portsmouth, NH 03801

Eric Johnson
GeoInsight, Inc.
186 Granite Street
3rd Floor, Suite A
Manchester, NH 03103

PO Number: None
LabID: 18245
Date Received: 12/11/09

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 Resource Laboratories, LLC Quality Assurance Plan. The Standard Operating Procedures (SOP) 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.

Resource Laboratories, LLC 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,
Resource Laboratories, LLC

(for)

Susan Sylvester
Principal, General Manager

12/16/09
Date

Total number of pages 12

Resource Laboratories, LLC Certifications

New Hampshire	1732	Massachusetts	M-NH902
Maine	NH903		

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-001
Sample ID: EFF
Matrix: Water
Sampled: 12/10/09 11:45

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
methyl t-butyl ether (MTBE)	0.8	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
benzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
toluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-001
Sample ID: EFF
Matrix: Water
Sampled: 12/10/09 11:45

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
bromobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	94	70-130	%	1	LMM		0903418	12/14/09	15:16	E524.2
1,4-dichlorobenzene-D4 SUR	91	70-130	%	1	LMM		0903418	12/14/09	15:16	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-002
Sample ID: MID A
Matrix: Water
Sampled: 12/10/09 11:50

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
methyl t-butyl ether (MTBE)	**0.7**	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
benzene	**5.1**	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
toluene	**0.9**	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
isopropylbenzene	**1.3**	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-002
Sample ID: MID A
Matrix: Water
Sampled: 12/10/09 11:50

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
bromobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	99	70-130	%	1	LMM		0903418	12/14/09	17:49	E524.2
1,4-dichlorobenzene-D4 SUR	93	70-130	%	1	LMM		0903418	12/14/09	17:49	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-003
Sample ID: MID G
Matrix: Water
Sampled: 12/10/09 11:55

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
methyl t-butyl ether (MTBE)	1.3	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
benzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
toluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-003
Sample ID: MID G
Matrix: Water
Sampled: 12/10/09 11:55

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	[1] Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
bromobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	94	70-130	%	1	LMM		0903418	12/14/09	18:27	E524.2
1,4-dichlorobenzene-D4 SUR	94	70-130	%	1	LMM		0903418	12/14/09	18:27	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-004
Sample ID: INF
Matrix: Water
Sampled: 12/10/09 12:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
methyl t-butyl ether (MTBE)	3.1	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
benzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
toluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-004
Sample ID: INF
Matrix: Water
Sampled: 12/10/09 12:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
bromobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	94	70-130	%	1	LMM		0903418	12/14/09	19:05	E524.2
1,4-dichlorobenzene-D4 SUR	91	70-130	%	1	LMM		0903418	12/14/09	19:05	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-005
Sample ID: Trip Blank
Matrix: Water
Sampled: 12/10/09

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
methyl t-butyl ether (MTBE)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
benzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
toluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-005
Sample ID: Trip Blank
Matrix: Water
Sampled: 12/10/09

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
bromobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	94	70-130	%	1	LMM		0903418	12/14/09	14:00	E524.2
1,4-dichlorobenzene-D4 SUR	90	70-130	%	1	LMM		0903418	12/14/09	14:00	E524.2

RL Resource Laboratories, LLC
124 Heritage Avenue • Portsmouth, NH 03801
Phone: 603-436-2001 • Fax: 603-430-2100

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

18245

Company Name: Geosyntec

Company Address: 186 Granite St 3rd Floor Manchester NH

Report To: Eric Johnson

Phone #: 314-0820

Invoice To:

Project Name: Londonderry VT

Project #: 5599

Project Location: NH MA ME VT Other

Protocol: RCRA SDWA NPDES MCP NHDES OTHER

Reporting Limits: QAPP GW-1 S-1 EPA DW Other

Quote #

PO #

ANALYSIS REQUEST

☐ VOC 8260 ☐ VOC 8260 NHDES ☐ VOC 8260 MADEP ☐ VOC BTEX ☐ MIBE, only ☐ VOC 624 ☐ VPH MADEP ☐ MEGRO ☐ GRO 8015 ☐ VOC 524.2 ☒ VOC 524.2 NH List ☐ TPH ☐ DRO 8015 ☐ MEDRO ☐ EPH MADEP ☐ TPH Fingerprint ☐ 8270PAH ☐ 8270ABN ☐ 625 ☐ EDB 504.1 ☐ 8082 PCB ☐ 8081 Pesticides ☐ 608 Pest/PCB ☐ O&G 1664 ☐ Mineral O&G SM5520F ☐ pH ☐ BOD ☐ Conductivity ☐ Turbidity ☐ TSS ☐ TDS ☐ TVS ☐ Alkalinity ☐ RCRA Metals ☐ Priority Pollutant Metals ☐ TAL Metals ☐ Total Metals-list ☐ Dissolved Metals-list ☐ Ammonia ☐ COD ☐ TKN ☐ TN ☐ TON ☐ T-Phosphorus ☐ Phenols ☐ Bacteria P/A ☐ 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: ☐ TOC ☐ Grain Size ☐ TCLP Herbicides

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix: WATER	SOLID	OTHER	Preservation Method: HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER (Specify)	Sampling: DATE	TIME	SAMPLER*	Grab (G) or Composite (C)
18245-01	EFF	2	X			X						12/10/09	11:45	SrF	G
02	MID A	↓											11:50		
03	MID G												11:55		
04	INF												12:00	↓	↓
05	Trip Blank	1	↓			↓						—	—	—	

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

* See www.reslabs.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS ☐ NO HARD COPY REQUIRED ☐ FAX (FAX#) ☐ EXCEL SPREADSHEET
☒ PDF (e-mail address) EDJohnson@Geoinc.com ☐ OTHER (specify)

RECEIVED ON ICE ☒ YES ☐ NO
TEMPERATURE 3 °C

CUSTODY RECORD

	Relinquished by Sampler:	Date	Time	Received by:	Date	Time
	Joshua Dinel	12/10/09	14:45	cold storage	12/10/09	14:45
	Relinquished by:	Date	Time	Received by:	Date	Time
	Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
	Meghan Perkins	12/11/09	1053	Way Bill#: Aunt Ji	12/11/09	1055

ATTACHMENT C

POET SYSTEM SAMPLING RESULTS LETTER

GeoInsight®
Environmental Strategy & Engineering
Practical in Nature

January 20, 2009

GeoInsight Project 5599-002

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

RE: Results of December 2009 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 December 10, 2009 during a monitoring event associated with the Londonderry Citgo/Londonderry Shopping Center site (SMS #1996-2015) in Londonderry, Vermont. The POET system samples were submitted to Resource Laboratories, LLC of Portsmouth, New Hampshire for analysis of volatile organic compounds (VOCs) by United States Environmental Protection Agency Method 524.2.

Methyl tertiary butyl ether (MTBE) was detected at a concentration above the laboratory practical quantitation limit (PQL), but below the applicable VTDEC Primary Groundwater Enforcement Standard (VPGES) in the POET system influent ("LSC-POET-Influent"), POET system mid-point ("LSC-POET-Mid-A1" and "LSC-POET-Mid-G1"), and POET system effluent ("LSC-POET-Effluent") samples. Note that the effluent sample is collected after water is treated by the POET system. A concentration of 0.8 micrograms per liter (µg/L) of MTBE was detected in the POET system effluent. The VPGES for MTBE is 40 µg/L. The Vermont Department of Health has also established a Vermont Health Advisory concentration for MTBE in drinking water of 40 µg/L. Benzene was detected at a concentration of 5.1 µg/L in POET system mid-point sample "LSC-POET-Mid-A1", but was not detected above the laboratory PQL in the system effluent sample. A copy of the laboratory results for the December 2009 POET system monitoring event is enclosed for your records.

GeoInsight, Inc.
186 Granite Street, 3rd Floor, Suite A
Manchester, NH 03101-2643
Tel (603) 314-0820
Fax (603) 314-0821
www.geoinsightinc.com

GeoInsight, Inc.
5 Lan Drive, Suite 200
Westford, MA 01886-3538
Tel (978) 692-1114
Fax (978) 692-1115
www.geoinsightinc.com

GeoInsight, Inc.
200 Court Street, 2nd Floor
Middletown, CT 06457-3341
Tel (860) 894-1022
Fax (860) 894-1023
www.geoinsightinc.com

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

Sincerely,
GEOINSIGHT, INC.

Eric D. Johnson
Project Geologist

Darrin L. Santos, P.G.
Senior Geologist

Enclosure

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

P:\5599 Summit Londonderry VT\Monitoring\2009\Dec 09\LSC-RobertWaiteResults.doc

Laboratory Report

Resource Laboratories, LLC
124 Heritage Avenue #10 Portsmouth, NH 03801

Eric Johnson
GeoInsight, Inc.
186 Granite Street
3rd Floor, Suite A
Manchester, NH 03103

PO Number: None
LabID: 18245
Date Received: 12/11/09

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 Resource Laboratories, LLC Quality Assurance Plan. The Standard Operating Procedures (SOP) 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.

Resource Laboratories, LLC 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,
Resource Laboratories, LLC

(for)

Susan Sylvester
Principal, General Manager

12/16/09
Date

Total number of pages 12

Resource Laboratories, LLC Certifications

New Hampshire	1732	Massachusetts	M-NH902
Maine	NH903		

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-001
Sample ID: EFF
Matrix: Water
Sampled: 12/10/09 11:45

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
methyl t-butyl ether (MTBE)	0.8	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
benzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
toluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-001
Sample ID: EFF
Matrix: Water
Sampled: 12/10/09 11:45

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
bromobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	15:16	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	94	70-130	%	1	LMM		0903418	12/14/09	15:16	E524.2
1,4-dichlorobenzene-D4 SUR	91	70-130	%	1	LMM		0903418	12/14/09	15:16	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-002
Sample ID: MID A
Matrix: Water
Sampled: 12/10/09 11:50

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
methyl t-butyl ether (MTBE)	**0.7**	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
benzene	**5.1**	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
toluene	**0.9**	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
isopropylbenzene	**1.3**	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-002
Sample ID: MID A
Matrix: Water
Sampled: 12/10/09 11:50

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
bromobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	17:49	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	99	70-130	%	1	LMM		0903418	12/14/09	17:49	E524.2
1,4-dichlorobenzene-D4 SUR	93	70-130	%	1	LMM		0903418	12/14/09	17:49	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-003
Sample ID: MID G
Matrix: Water
Sampled: 12/10/09 11:55

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
methyl t-butyl ether (MTBE)	1.3	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
benzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
toluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-003
Sample ID: MID G
Matrix: Water
Sampled: 12/10/09 11:55

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
bromobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	18:27	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	94	70-130	%	1	LMM		0903418	12/14/09	18:27	E524.2
1,4-dichlorobenzene-D4 SUR	94	70-130	%	1	LMM		0903418	12/14/09	18:27	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-004
Sample ID: INF
Matrix: Water
Sampled: 12/10/09 12:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
methyl t-butyl ether (MTBE)	3.1	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
benzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
toluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-004
Sample ID: INF
Matrix: Water
Sampled: 12/10/09 12:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
bromobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	19:05	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	94	70-130	%	1	LMM		0903418	12/14/09	19:05	E524.2
1,4-dichlorobenzene-D4 SUR	91	70-130	%	1	LMM		0903418	12/14/09	19:05	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-005
Sample ID: Trip Blank
Matrix: Water
Sampled: 12/10/09

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
chloromethane	< 1.0	1.0	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
vinyl chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
bromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
chloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
trichlorofluoromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
methylene chloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
carbon disulfide	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
methyl t-butyl ether (MTBE)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
trans-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
2,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
cis-1,2-dichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
chloroform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
bromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1,1-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1-dichloropropene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
carbon tetrachloride	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2-dichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
benzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
trichloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
bromodichloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
dibromomethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
cis-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
toluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
trans-1,3-dichloropropene	< 0.4	0.4	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1,2-trichloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,3-dichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
tetrachloroethene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
dibromochloromethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2-dibromoethane (EDB)	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
chlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1,1,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
ethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
m&p-xylenes	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
o-xylene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
styrene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
bromoform	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
isopropylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,1,2,2-tetrachloroethane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2,3-trichloropropane	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
n-propylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2

Project ID: Londonderry, VT 5599
Lab ID: 18245
Lab Number: 18245-005
Sample ID: Trip Blank
Matrix: Water
Sampled: 12/10/09

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
bromobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,3,5-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
2-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
4-chlorotoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
tert-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2,4-trimethylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
sec-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,3-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
4-isopropyltoluene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,4-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2-dichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
n-butylbenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2-dibromo-3-chloropropane (DBCP)	< 0.2	0.2	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2,4-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
naphthalene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
1,2,3-trichlorobenzene	< 0.5	0.5	ug/L	1	LMM		0903418	12/14/09	14:00	E524.2
Surrogate Recovery		**Limits**								
4-bromofluorobenzene SUR	94	70-130	%	1	LMM		0903418	12/14/09	14:00	E524.2
1,4-dichlorobenzene-D4 SUR	90	70-130	%	1	LMM		0903418	12/14/09	14:00	E524.2

RL Resource Laboratories, LLC
124 Heritage Avenue • Portsmouth, NH 03801
Phone: 603-436-2001 • Fax: 603-430-2100

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

18245

Company Name: Geolnsight
Company Address: 186 Granite ST 3rd Floor Manchester NH
Report To: Eric Johnson
Phone #: 314-0820
Invoice To:

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

ANALYSIS REQUEST

☐ VOC 8260 ☐ VOC 8260 NHDES ☐ VOC 8260 MADEP
☐ VOC 624 ☐ VOC BTEX ☐ MIBE, only
☐ VPH MADEP ☐ MEGRO ☐ GRO 8015
☒ VOC 524.2 ☐ VOC 524.2 NH List
☐ TPH ☐ DRO 8015 ☐ MEDRO ☐ EPH MADEP ☐ TPH Fingerprint
☐ 8270PAH ☐ 8270ABN ☐ 625 ☐ EDB 504.1
☐ 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
☐ Total Metals-list
☐ Dissolved Metals-list
☐ Ammonia ☐ COD ☐ TKN ☐ TN ☐ TON
☐ T-Phosphorus ☐ Phenols ☐ Bacteria P/A
☐ 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: ☐ TOC ☐ Grain Size ☐ TCLP Herbicides
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	OTHER (Specify)	Sampling: DATE	TIME	SAMPLER*	Grab (G) or Composite (C)
18245-01	EFF	2	X			X						12/10/09	11:45	SrF	G
02	MID A												11:50		
03	MID G												11:55		
04	INF												12:00		
05	trip Blank	1										—	—	—	

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

* See www.reslabs.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS ☐ NO HARD COPY REQUIRED ☐ FAX (FAX#) ☐ EXCEL SPREADSHEET
☒ PDF (e-mail address) EDJohnson@Geoinc.com ☐ OTHER (specify)

RECEIVED ON ICE ☒ YES ☐ NO
TEMPERATURE 3 °C

CUSTODY RECORD

	Relinquished by Sampler:	Date	Time	Received by:	Date	Time
	Joshua Dill	12/10/09	14:45	cold storage	12/10/09	14:45
	Relinquished by:	Date	Time	Received by:	Date	Time
	Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
	Mitchell Perkins	12/11/09	1053	Way Bill#: Aum Lab	12/11/09	1055

ATTACHMENT D

2010 WORK PLAN AND COST ESTIMATE BUDGET SHEET

WORK PLAN/COST ESTIMATE BUDGET SHEET - 2010 MONITORING PROGRAM
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

VTDEC SMS#:	1996-2015	**Facility Name:**	Londonderry Citgo/Londonderry Shopping Center	**Owner:**	Summit Distributing, LLC
		Facility Address:	5700 Route 100	**Mailing:**	240 Mechanic Street
Date of Submittal:	January 2010	**Town:**	Londonderry, Vermont	**Address:**	Lebanon, New Hampshire 03766

				Class Overall Breakdown				Breakdown by Class		
Description By Task	**Contractor**	**Description**	**Code**	**Units**	**Type**	**Rate**	**Cost**	**Eng./Hydro Services**	**Laboratory Services**	**Other**
WORK PLAN AND BUDGET PREPARATION										
Includes costs to research current and historical data to develop 2010 monitoring plan and costs to prepare the Work Plan and Budget.	GeoInsight	Principal	E	1	hrs	$125	$125.00	$125.00		
		Senior Geologist	E	2	hrs	$115	$230.00	$230.00		
						Task Total	$355.00	$355.00		
APRIL 2010 MONITORING										
April 2010 Project Management and Coordination Includes scheduling POET system sampling times.	GeoInsight	Senior Geologist	E	1	hrs	$115	$115.00	$115.00		
		Staff Eng/Geo	E	4	hrs	$75	$300.00	$300.00		
						Subtotal	$415.00	$415.00		
April 2010 Ground Water and Drinking Water Sampling and Analyses Includes sampling of 12 monitoring wells and sampling two POET systems, including purging of the Shopping Center system prior to sampling.	GeoInsight	Tech II x 2 (w/ travel)	E	20	hrs	$65.00	$1,300.00	$1,300.00		
		Mileage	E	228	miles	$0.50	$114.00	$114.00		
		Water Level Meter	E	1	day	$25.00	$25.00	$25.00		
		Sample Equip/Materials (per well)	E	12	each	$15.00	$180.00	$180.00		
	Resource Labs	Petrol VOCs by USEPA 8021	L	13	each	$75.00	$975.00		$975.00	
	NOTE 1	VOCs by 524.2 (POET Systems)	L	7	each	$130.00	$910.00		$910.00	
		Laboratory Subcontractor Markup	L	0.1	M/U	10%	$188.50		$188.50	
						Subtotal	$3,692.50	$1,619.00	$2,073.50	$0.00
April 2010 Summary Report (submitted electronically to the VTDEC and to include flow and plume maps) and POET sampling letters.	GeoInsight	Senior Geologist	E	2	hrs	$115	$230.00	$230.00		
		Staff Eng/Geo	E	16	hrs	$75	$1,200.00	$1,200.00		
		CADD	E	3	hrs	$60	$180.00	$180.00		
		Clerical	E	6	hrs	$50	$300.00	$300.00		
						Subtotal	$1,910.00	$1,910.00		
						Task Total	$6,017.50	$3,944.00	$2,073.50	$0.00

WORK PLAN/COST ESTIMATE BUDGET SHEET - 2010 MONITORING PROGRAM
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

VTDEC SMS#:	1996-2015	**Facility Name:**	Londonderry Citgo/Londonderry Shopping Center	**Owner:**	Summit Distributing, LLC
		Facility Address:	5700 Route 100	**Mailing:**	240 Mechanic Street
Date of Submittal:	January 2010	**Town:**	Londonderry, Vermont	**Address:**	Lebanon, New Hampshire 03766

				Class Overall Breakdown				Breakdown by Class		
Description By Task	**Contractor**	**Description**	**Code**	**Units**	**Type**	**Rate**	**Cost**	**Eng./Hydro Services**	**Laboratory Services**	**Other**
JUNE 2010 MONITORING										
June 2010 Project Management and Coordination	GeoInsight	Senior Geologist	E	0.5	hrs	$115	$57.50	$57.50		
		Staff Eng/Geo	E	2	hrs	$75	$150.00	$150.00		
		Clerical	E	1	hrs	$50	$50.00	$50.00		
					Subtotal		$257.50	$257.50		
June 2010 Drinking Water Sampling and Analyses Sampling of the Shopping Center and Thorne-Thomsen POET systems including purging of the Shopping Center system prior to sampling.	GeoInsight	Tech-II (w/ travel)	E	10	hrs	$65.00	$650.00	$650.00		
		Mileage	E	228	miles	$0.50	$114.00	$114.00		
	Resource Labs	VOCs by 524.2	L	7	each	$130.00	$910.00		$910.00	
	NOTE 2	Laboratory Subcontractor Markup	L	0.1	M/U	10%	$91.00		$91.00	
					Subtotal		$1,765.00	$764.00	$1,001.00	
June 2010 Prepare summary letter report (submitted electronically to the VTDEC) and POET and supply well sampling letters.	GeoInsight	Senior Geologist	E	1	hrs	$115	$115.00	$115.00		
		Staff Eng/Geo	E	8	hrs	$75	$600.00	$600.00		
		Clerical	E	3	hrs	$50	$150.00	$150.00		
					Subtotal		$865.00	$865.00		
					Task Total		$2,887.50	$1,886.50	$1,001.00	
SEPTEMBER 2010 MONITORING										
September 2010 Project Management and Coordination	GeoInsight	Senior Geologist	E	1	hrs	$115	$115.00	$115.00		
		Staff Eng/Geo	E	2	hrs	$75	$150.00	$150.00		
		Clerical	E	1	hrs	$50	$50.00	$50.00		
					Subtotal		$315.00	$315.00		
September 2010 Ground and Drinking Water Sampling and Analyses Includes sampling of 4 monitoring wells (MW-7, MW-8, MW-10, and MW-S2), and sampling two POET systems.	GeoInsight	Tech-II (w/ travel)	E	14	hrs	$65.00	$910.00	$910.00		
		Mileage	E	228	miles	$0.50	$114.00	$114.00		
		Water Level Meter	E	1	day	$25.00	$25.00	$25.00		
		Sample Equip/Materials (per well)	E	4	each	$15.00	$60.00	$60.00		
	Resource Labs	Petrol VOCs by USEPA 8021	L	5	each	$75.00	$375.00		$375.00	
	NOTE 1	VOCs by 524.2	L	7	each	$130.00	$910.00		$910.00	
		Laboratory Subcontractor Markup	L	0.1	M/U	10%	$128.50		$128.50	
					Subtotal		$2,522.50	$1,109.00	$1,413.50	
September 2010 Summary Report (submitted electronically to the VTDEC and to include flow and plume maps) and POET and supply well sampling letters.	GeoInsight	Senior Geologist	E	2	hrs	$115	$230.00	$230.00		
		Staff Eng/Geo	E	12	hrs	$75	$900.00	$900.00		
		CADD	E	4	hrs	$60	$240.00	$240.00		
		Clerical	E	4	hrs	$50	$200.00	$200.00		
					Subtotal		$1,570.00	$1,570.00		
					Task Total		$4,407.50	$2,994.00	$1,413.50	

WORK PLAN/COST ESTIMATE BUDGET SHEET - 2010 MONITORING PROGRAM
LONDONDERRY CITGO/LONDONDERRY SHOPPING CENTER
5700 ROUTE 100
LONDONDERRY, VERMONT
SMS #1996-2015

VTDEC SMS#:	1996-2015	**Facility Name:**	Londonderry Citgo/Londonderry Shopping Center	**Owner:**	Summit Distributing, LLC
		Facility Address:	5700 Route 100	**Mailing:**	240 Mechanic Street
Date of Submittal:	January 2010	**Town:**	Londonderry, Vermont	**Address:**	Lebanon, New Hampshire 03766

				Class Overall Breakdown				Breakdown by Class		
Description By Task	**Contractor**	**Description**	**Code**	**Units**	**Type**	**Rate**	**Cost**	**Eng./Hydro Services**	**Laboratory Services**	**Other**
DECEMBER 2010 MONITORING										
December 2010 Project Management and Coordination	GeoInsight	Senior Geologist	E	0.5	hrs	$115	$57.50	$57.50		
		Staff Eng/Geo	E	2	hrs	$75	$150.00	$150.00		
		Clerical	E	1	hrs	$50	$50.00	$50.00		
					Subtotal		$257.50	$257.50		
December 2010 Drinking Water Sampling and Analyses	GeoInsight	Tech-II (w/ travel)	E	10	hrs	$65.00	$650.00	$650.00		
		Mileage	E	228	miles	$0.50	$114.00	$114.00		
Sampling of the Shopping Center and Thorne-Thomsen POET systems including purging of the Shopping Center system prior to sampling.	Resource Labs	VOCs by 524.2	L	7.0	each	$130.00	$910.00		$910.00	
	NOTE 2	Laboratory Subcontractor Markup	L	0.1	M/U	10%	$91.00		$91.00	
					Subtotal		$1,765.00	$764.00	$1,001.00	
December 2010 Prepare summary letter report (submitted electronically to the VTDEC) and POET and supply well sampling letters.	GeoInsight	Senior Geologist	E	1	hrs	$115	$115.00	$115.00		
		Staff Eng/Geo	E	8	hrs	$75	$600.00	$600.00		
		Clerical	E	3	hrs	$50	$150.00	$150.00		
					Subtotal		$865.00	$865.00		
					Task Total		$2,887.50	$1,886.50	$1,001.00	
						TOTAL PROPOSED	$16,555.00	$11,066.00	$5,489.00	$0.00

Class Codes:
E = Eng./Hydrogeology Services
L = Laboratory Services
O = Other

Notes/Comments:
1) Laboratory analyses for the April and September 2010 events include petroleum VOCs by 8021 for 12 and 4 monitoring wells, respectively, plus one duplicate QA sample per event, and VOCs by 524.2 for four samples for the Shopping Center POET system and three samples for the Thorne-Thomsen POET system (trip blank samples will be analyzed by the laboratory at no cost).
2) Laboratory analyses for the June and December 2010 event include VOCs by 524.2 for four samples for the Shopping Center POET system and three samples for the Thorne-Thomsen POET system.