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Richmond, VT 05477
802.434.4500
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www.ecsconsult.com

27 January 2006
File No. VT960093B
Doc No. 960093_12_05

Mr. Gary Thurston
Rice Oil Company, Inc.
P.O. Box 1497
34 Montaque City Road
Greenfield, Massachusetts 01301

Re: Quarterly Treatment System Monitoring Letter Report
Londonderry Citgo, Londonderry, Vermont
(VT DEC Site No. 96-2015)

Dear Mr. Thurston:

Enclosed are the quarterly sampling results for water samples collected by Environmental Compliance Services, Inc. (ECS) on 8 December 2005 from the treatment systems of the main supply well in the basement of the Mountain Marketplace, and at the Thorne-Thomsen residence results presented in Table 1 and figures 2 and 3. In addition to regular quarterly monitoring, a sample was also taken from the Rogers' residential supply well due to the historical presence of methyl tert butyl ether (MTBE). This scope of work was requested by the Vermont Department of Environmental Conservation (VTDEC) Water Supply Division and Waste Management Division.

SAMPLING RESULTS

Mountain Marketplace Treatment System

The treatment system for the Mountain Marketplace supply well contains seven skid mounted carbon treatment systems with mid-carbons labeled Carbon Mid A through Carbon Mid G. Samples were collected for VOC analysis via EPA Method 524.2 and were taken from the treatment system influent (MM Inf (Well#1)), Carbon Mid D (MM-mid), and total effluent (MM-Eff (total eff.)). MTBE was detected in the system influent at a concentration of 25.4 micrograms per liter (µg/L) which does not exceed the Vermont Health Advisory (VHA) guidelines and Vermont Groundwater Enforcement Standards (VGES) of 40.0 µg/L. Another VOC that was detected in the system influent sample was tert amyl methyl ether (TAME) at concentration of 3.4 µg/l, which does not have any action levels or health advisory listed. No VOCs were detected in the carbon mid D or the system effluent indicating the system is effective at removing these VOC's. MTBE continues to show a decrease in influent concentrations since a historic high was detected in August of 2004. Analytical results are attached and summarized in Table 1.

Thorne-Thomsen Treatment System

MTBE was detected in the Thorne-Thomsen residence treatment system influent samples (Thorne Thomsen Inf) and (Thorne Thomsen Mid) at 36.7 and 18.7 µg/L respectively. The treatment system influent and mid carbon MTBE concentrations are below the Vermont Health Advisory (VHA) level of 40 µg/L. No VOCs were detected in samples from the second carbon filter (Thorne Thomsen Eff). Analytical results are attached and summarized in Table 1. The influent MTBE concentration is less than the September 2005 concentration of 45.1 µg/L.

Roger's Supply Well

MTBE was detected in the Roger's residence supply well sample at 2.1 µg/L during the December 2005 quarterly sampling event, which is a decrease from the June 2005 sampling. MTBE concentrations are below water quality and health advisory guidelines of 40 µg/L. Analytical results are attached and summarized in Table 1.

Prior to all sample collections, the water was allowed to run for approximately 15 minutes to purge water from the wells and pressure tanks, and facilitate communication with the bedrock aquifer. The supply well samples were transported under chain of custody in an ice-filled cooler to Spectrum Analytical, Inc. of Agawam, Massachusetts.

Trip blank and duplicate samples were collected and analyzed for VOCs by EPA Method 8021B and 524.2 respectively, to ensure that adequate quality assurance/quality control (QA/QC) standards were maintained. Analytical results from the QA/QC samples indicate that adequate QA/QC was maintained during sample collection and analysis. No VOCs were detected in the trip blanks. Analytical results for the blind field duplicate sample collected from Mountain Main Influent (Well #1) (labeled Duplicate) was within the 30 percent relative percent difference EPA standard for field prepared QA/QC groundwater samples.

Please contact me if you have any questions regarding this report or the enclosed analytical results.

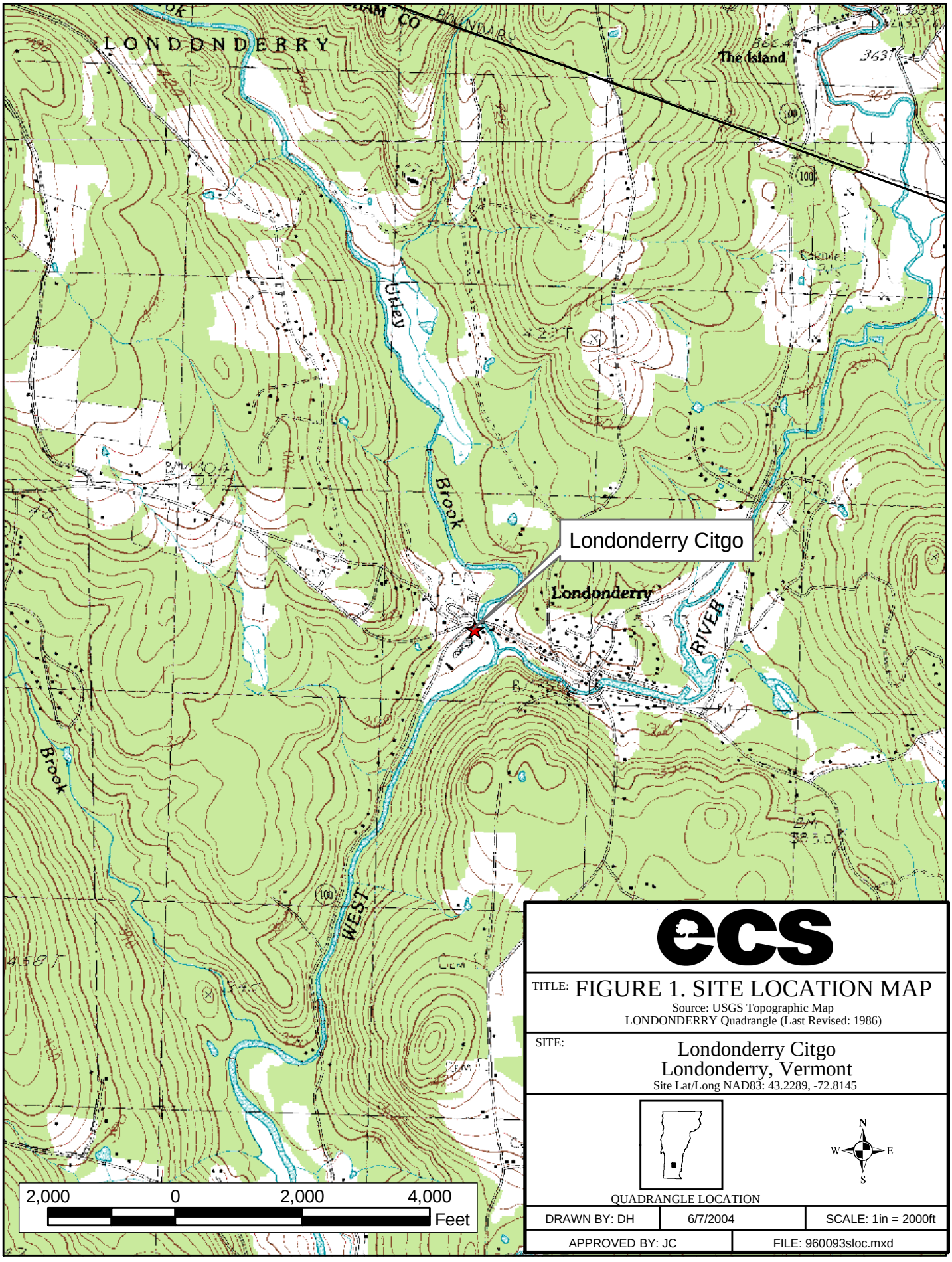
Sincerely,
ENVIRONMENTAL COMPLIANCE SERVICES, INC.

Brian Bachmann
Geologist

Enclosures

Cc: Mr. Tim Cropley, VT DEC
Mr. Robert Waite, Mountain Marketplace
Mr. Roger Thorn-Thomsen

ENCLOSURES



ecs

TITLE: FIGURE 1. SITE LOCATION MAP

Source: USGS Topographic Map
LONDONDERRY Quadrangle (Last Revised: 1986)

SITE:

Londonderry Citgo
Londonderry, Vermont
Site Lat/Long NAD83: 43.2289, -72.8145

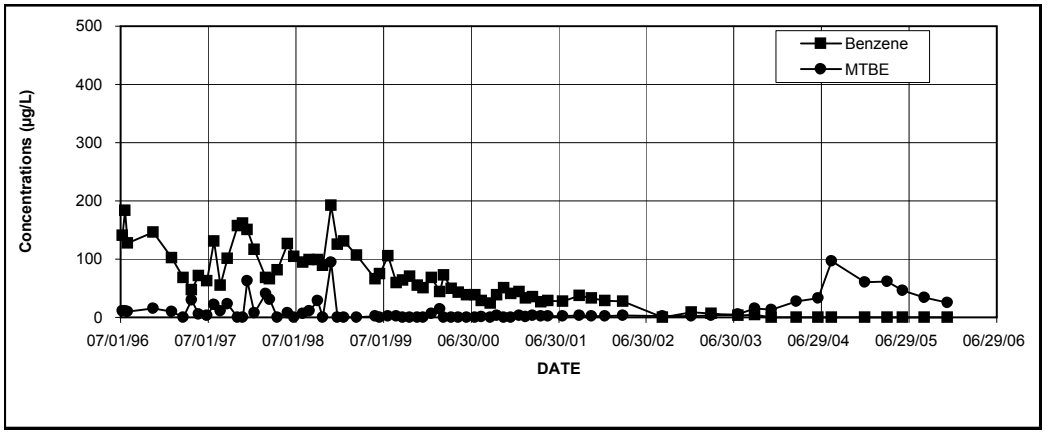
QUADRANGLE LOCATION

N
W E
S

DRAWN BY: DH	6/7/2004	SCALE: 1in = 2000ft
APPROVED BY: JC		FILE: 960093sloc.mxd

FIGURE 2. LONDONDERRY SHOPPING CENTER
MAIN SUPPLY WELL
Influent VOC Concentrations

Londonderry Citgo
Londonderry, Vermont

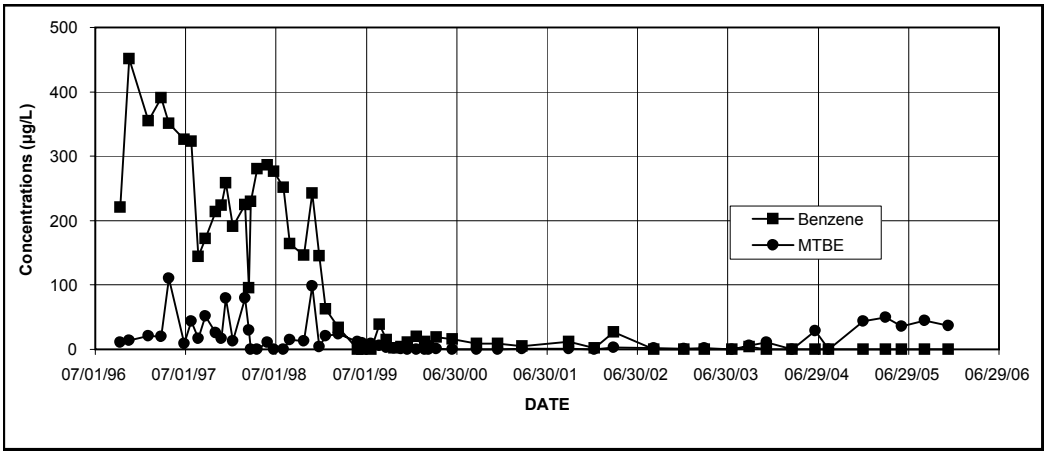


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,2,4-TMB	1,3,5 TMB	Naphthalene
09/19/00	**23.8**	ND<1	**23.8**	ND<1	ND<1	ND<1	ND <1	ND<1	ND<1
10/17/00	**38.0**	**2.8**	**38.0**	ND<1	ND<1	ND<1	**1.7**	ND<1	ND<1
11/14/00	**50.2**	ND<1	**50.2**	ND<1	ND<1	ND<1	**3.5**	ND<1	ND<1
12/13/00	**40.6**	ND<1	**40.6**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
01/17/01	**43.9**	**3.3**	**43.9**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
02/14/01	**33.2**	**1.4**	**33.2**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
03/13/01	**34.9**	**2.9**	**34.9**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
04/17/01	**26.3**	**2.0**	**26.3**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
05/17/01	**29.6**	**2.5**	**28.2**	ND<1	ND<1	**1.4**	ND<1	ND<1	ND<1
07/17/01	**27.2**	**2.7**	**27.2**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
09/25/01	**36.9**	**3.6**	**36.9**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
11/14/01	**33.5**	**2.2**	**33.5**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
01/08/02	**28.1**	**2.3**	**28.1**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
03/26/02	**27.0**	**2.8**	**27.0**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
09/05/02	ND	**2.1**	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
01/03/03	**8.4**	**1.9**	**8.4**	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
03/27/03	**6.2**	**3.6**	**6.2**	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
07/18/03	**3.7**	**5.6**	**3.7**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
09/25/03	**4.1**	**15.4**	**4.1**	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
12/03/03	ND	**13.2**	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
03/16/04	ND	**27.7**	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
06/16/04	ND	**32.9**	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	ND <1
08/11/04	ND	**96.4**	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	ND <1
12/28/04	ND	**60.0**	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	ND <1
03/29/05	ND	**61.7**	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	ND <1
06/02/05	ND	**46.0**	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	ND <1
09/02/05	ND	**34.3**	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5
12/07/05	ND	**25.4**	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**	**--**	**--**	**--**
VHA	**--**	**40**	**--**	**--**	**--**	**--**	**5**	**4**	**20**
VAL	**--**	**--**	**1**	**--**	**--**	**--**	**--**	**--**	**--**

Notes:
Results given in micrograms per liter (µg/L)
ND- None detected at indicated detection limit
TBQ - Trace below quantitation limit indicated.
BTEX - Benzene, toluene, ethyl benzene, & xylene
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
MCL-Enforceable U.S. EPA Maximum Contaminant Levels for chemicals of concern in drinking water.
VHA-Vermont Health Advisories- guidelines for chemicals in drinking water that do not have MCLs
VAL-Vermont Action Levels for eight chemicals of specific health concern in public water systems, established by the Vermont Dept. of Health.
Shading indicates exceedance of MCL, VHA and/or VAL

FIGURE 3.
THORNE-THOMPSON SUPPLY WELL
Influent VOC Concentrations

Londonderry Citgo
Londonderry, Vermont



Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,2,4-TMB	1,2,4-TMB	Naphthalene
09/19/00	**8.7**	ND<1	**8.7**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
12/13/00	**9.0**	ND<1	**9.0**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
03/22/01	**4.6**	**1.0**	**4.6**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
09/25/01	**12.0**	**1.38**	**12.0**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
01/08/02	**2.0**	ND<1	**2.0**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
03/26/02	**27.0**	**2.8**	**27.0**	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
09/05/02	ND	**2.0**	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
01/03/03	ND	**1.2**	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
03/27/03	ND	**1.6**	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
07/18/03	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/25/03	**4.1**	**5.5**	**4.1**	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
12/03/03	ND	**10.7**	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
03/16/04	NS	NS	NS	NS	NS	NS	NS	NS	NS
06/16/04	ND	**28.7**	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	ND <1
08/11/04	NS	NS	NS	NS	NS	NS	NS	NS	NS
12/28/04	ND	**43.9**	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	ND <1
03/29/05	ND	**50.1**	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	ND <1
06/02/05	ND	**36.2**	ND <1	ND <1	ND <1	ND <2	ND <1	ND <1	ND <1
09/02/05	ND	**45.1**	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
12/07/05	ND	**36.7**	ND<1	ND<1	ND<1	ND<2	ND<1	ND<1	ND<1
MCL	**--**	**--**	**5**	**1,000**	**700**	**10,000**	**--**	**--**	**--**
VHA	**--**	**40**	**--**	**--**	**--**	**--**	**5**	**4**	**20**
VAL	**--**	**--**	**1**	**--**	**--**	**--**	**--**	**--**	**--**

Notes:

Results given in micrograms per liter (µg/L).
NS - Not Sampled
ND- None detected at indicated detection limit
TBQ - Trace below quantitation limit indicated
BTEX - Benzene, toluene, ethyl benzene, & xylene
MTBE - Methyl tertiary butyl ether
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VHA-Vermont Health Advisories- guidelines for chemicals in drinking water that do not have MCLs
VAL-Vermont Action Levels for eight chemicals of specific health concern in public water systems, established by the Vermont Dept. of Health.
Shading indicates exceedance of MCL, VHA and/or VAI

Table 1.
Treatment System and Supply Well
VOC Concentrations

Monitoring Date:
7 December 2005

Monitoring Date: 7 December 2005

Supply Well	Total BTEX	MTBE	Benzene	Toluene	Ethyl Benzene	Xylenes	1,3,5-TMB	1,2,4-TMB	Naphthalene
Shopping Center Main - Influent	ND	**25.4**	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Shopping Center Main - Mid D	ND	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Shopping Center Main - Effluent	ND	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Thorne-Thomsen - Influent	ND	**36.7**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Thorne-Thomsen - Mid	ND	**18.7**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Thorne-Thomsen - Effluent	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
Roger's	ND<1.0	**2.1**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
QA/QC									
Trip Blank	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND <1.0
Duplicate (Main Influent)	ND<1.0	**26.4**	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
% Difference	--	3.9	--	--	--	--	--	--	--
Trip Blank	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND <1.0
MCL	***--***	***--***	***5***	***1,000***	***700***	***10,000***	***--***	***--***	***--***
VHA	***--***	***40***	***--***	***--***	***--***	***--***	***5***	***4***	***20***
VAL	***--***	***--***	***1***	***--***	***--***	***--***	***--***	***--***	***--***

Notes:
Results given in micrograms per liter (µg/L).
NS - Not Sampled
ND- None detected at indicated detection limit.
TBQ - Trace below quantitation limit indicated.
TMB - Trimethyl Benzene
MTBE - Methyl Tertiary butyl ether
MCL-Enforceable U.S. EPA Maximum Contaminant Levels for chemicals of concern in drinking water.
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, established by the Vermont Dept. of Health.
Shading indicates exceedance of MCL, VHA and/or VAL
Shopping Center samples analyzed by EPA Method 524.2 /Thorne Thompson and Rogers analyzed by 8021B

Report Date:
20-Dec-05 10:48

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

Environmental Compliance Services
65 Millet Street; Suite 301
Richmond, VT 05477
Attn: Jaymi Cleland

Project: Londonderry Citgo - Londonderry, VT
Project #: VT96-0093B-05-02

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA38288-01	Trip	Ground Water	07-Dec-05 08:00	08-Dec-05 09:30
SA38288-02	MM-EFF	Ground Water	07-Dec-05 11:45	08-Dec-05 09:30
SA38288-03	MM-MID	Ground Water	07-Dec-05 11:50	08-Dec-05 09:30
SA38288-04	MM-INF	Ground Water	07-Dec-05 11:55	08-Dec-05 09:30
SA38288-05	Duplicate	Ground Water	07-Dec-05 12:00	08-Dec-05 09:30
SA38288-06	TT-EFF	Ground Water	07-Dec-05 12:15	08-Dec-05 09:30
SA38288-07	TT-MID	Ground Water	07-Dec-05 12:17	08-Dec-05 09:30
SA38288-08	TT-INF	Ground Water	07-Dec-05 12:20	08-Dec-05 09:30
SA38288-09	Roger's	Ground Water	07-Dec-05 12:35	08-Dec-05 09:30

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. All applicable NELAC requirements have been met.
Please note that this report contains 20 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method indicated. Please refer to our "Quality" webpage at www.spectrum-analytical.com for a full listing of our current certifications.

RECEIVED
JAN - 3 2006

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip SA38288-01	VT96-0093B-05-02	Ground Water	07-Dec-05 08:00	08-Dec-05

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by 8260B											
Prepared by method SW846 5030 Water MS											
71-43-2	Benzene	BRL		µg/l	1.0	1	SW846 8260B	14-Dec-05	15-Dec-05	5120822	RLJ
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MM-EFF SA38288-02	VT96-0093B-05-02	Ground Water	07-Dec-05 11:45	08-Dec-05

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
524.2 Purgeable Organic Compounds											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	13-Dec-05	14-Dec-05	5120747	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MM-EFF SA38288-02	VT96-0093B-05-02	Ground Water	07-Dec-05 11:45	08-Dec-05

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
524.2 Purgeable Organic Compounds											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	13-Dec-05	14-Dec-05	5120747	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*95.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MM-MID SA38288-03	VT96-0093B-05-02	Ground Water	07-Dec-05 11:50	08-Dec-05

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
524.2 Purgeable Organic Compounds											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	13-Dec-05	14-Dec-05	5120747	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MM-MID SA38288-03	VT96-0093B-05-02	Ground Water	07-Dec-05 11:50	08-Dec-05

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
524.2 Purgeable Organic Compounds											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	13-Dec-05	14-Dec-05	5120747	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*92.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*109*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MM-INF SA38288-04	VT96-0093B-05-02	Ground Water	07-Dec-05 11:55	08-Dec-05

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
524.2 Purgeable Organic Compounds											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	13-Dec-05	14-Dec-05	5120747	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	25.4		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MM-INF SA38288-04	VT96-0093B-05-02	Ground Water	07-Dec-05 11:55	08-Dec-05

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
524.2 Purgeable Organic Compounds											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	13-Dec-05	14-Dec-05	5120747	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	3.4		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Duplicate SA38288-05	VT96-0093B-05-02	Ground Water	07-Dec-05 12:00	08-Dec-05

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
524.2 Purgeable Organic Compounds											
Prepared by method SW846 5030 Water MS											
67-64-1	Acetone	BRL		µg/l	10.0	1	EPA 524.2	13-Dec-05	14-Dec-05	5120747	RLJ
107-13-1	Acrylonitrile	BRL		µg/l	1.0	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	0.5	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	0.5	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	0.5	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	0.5	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	0.5	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	0.5	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	0.5	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	26.4		µg/l	0.5	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	0.5	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	0.5	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	0.5	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Duplicate SA38288-05	VT96-0093B-05-02	Ground Water	07-Dec-05 12:00	08-Dec-05

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
524.2 Purgeable Organic Compounds											
Prepared by method SW846 5030 Water MS											
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	EPA 524.2	13-Dec-05	14-Dec-05	5120747	RLJ
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	0.5	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	0.5	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	0.5	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	0.5	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	0.5	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	0.5	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	0.5	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	3.3		µg/l	0.5	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	0.5	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*107*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TT-EFF SA38288-06	VT96-0093B-05-02	Ground Water	07-Dec-05 12:15	08-Dec-05

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds by 8260B											
Prepared by method SW846 5030 Water MS											
71-43-2	Benzene	BRL		µg/l	1.0	1	SW846 8260B	14-Dec-05	15-Dec-05	5120822	RLJ
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.6*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TT-MID SA38288-07	VT96-0093B-05-02	Ground Water	07-Dec-05 12:17	08-Dec-05

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds by 8260B											
Prepared by method SW846 5030 Water MS											
71-43-2	Benzene	BRL		µg/l	1.0	1	SW846 8260B	14-Dec-05	15-Dec-05	5120822	RLJ
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	18.7		µg/l	1.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
TT-INF SA38288-08	VT96-0093B-05-02	Ground Water	07-Dec-05 12:20	08-Dec-05

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Batch*	*Analyst*
Volatile Organic Compounds											
Volatile Organic Compounds by 8260B											
Prepared by method SW846 5030 Water MS											
71-43-2	Benzene	BRL		µg/l	1.0	1	SW846 8260B	14-Dec-05	15-Dec-05	5120822	RLJ
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	36.7		µg/l	1.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*90.8*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*96.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*108*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Roger's SA38288-09	VT96-0093B-05-02	Ground Water	07-Dec-05 12:35	08-Dec-05

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds by 8260B											
Prepared by method SW846 5030 Water MS											
71-43-2	Benzene	BRL		µg/l	1.0	1	SW846 8260B	14-Dec-05	15-Dec-05	5120822	RLJ
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	2.1		µg/l	1.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*91.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*107*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 5120747 - SW846 5030 Water MS										
Blank (5120747-BLK1)										
Prepared: 13-Dec-05 Analyzed: 14-Dec-05										
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	0.5						
Bromobenzene	BRL		µg/l	0.5						
Bromochloromethane	BRL		µg/l	0.5						
Bromodichloromethane	BRL		µg/l	0.5						
Bromoform	BRL		µg/l	0.5						
Bromomethane	BRL		µg/l	0.5						
2-Butanone (MEK)	BRL		µg/l	10.0						
n-Butylbenzene	BRL		µg/l	0.5						
sec-Butylbenzene	BRL		µg/l	0.5						
tert-Butylbenzene	BRL		µg/l	0.5						
Carbon disulfide	BRL		µg/l	0.5						
Carbon tetrachloride	BRL		µg/l	0.5						
Chlorobenzene	BRL		µg/l	0.5						
Chloroethane	BRL		µg/l	0.5						
Chloroform	BRL		µg/l	0.5						
Chloromethane	BRL		µg/l	0.5						
2-Chlorotoluene	BRL		µg/l	0.5						
4-Chlorotoluene	BRL		µg/l	0.5						
1,2-Dibromo-3-chloropropane	BRL		µg/l	0.5						
Dibromochloromethane	BRL		µg/l	0.5						
1,2-Dibromoethane (EDB)	BRL		µg/l	0.5						
Dibromomethane	BRL		µg/l	0.5						
1,2-Dichlorobenzene	BRL		µg/l	0.5						
1,3-Dichlorobenzene	BRL		µg/l	0.5						
1,4-Dichlorobenzene	BRL		µg/l	0.5						
Dichlorodifluoromethane (Freon12)	BRL		µg/l	0.5						
1,1-Dichloroethane	BRL		µg/l	0.5						
1,2-Dichloroethane	BRL		µg/l	0.5						
1,1-Dichloroethene	BRL		µg/l	0.5						
cis-1,2-Dichloroethene	BRL		µg/l	0.5						
trans-1,2-Dichloroethene	BRL		µg/l	0.5						
1,2-Dichloropropane	BRL		µg/l	0.5						
1,3-Dichloropropane	BRL		µg/l	0.5						
2,2-Dichloropropane	BRL		µg/l	0.5						
1,1-Dichloropropene	BRL		µg/l	0.5						
cis-1,3-Dichloropropene	BRL		µg/l	0.5						
trans-1,3-Dichloropropene	BRL		µg/l	0.5						
Ethylbenzene	BRL		µg/l	0.5						
Hexachlorobutadiene	BRL		µg/l	0.5						
2-Hexanone (MBK)	BRL		µg/l	10.0						
Isopropylbenzene	BRL		µg/l	0.5						
4-Isopropyltoluene	BRL		µg/l	0.5						
Methyl tert-butyl ether	BRL		µg/l	0.5						
4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0						
Methylene chloride	BRL		µg/l	0.5						
Naphthalene	BRL		µg/l	0.5						
n-Propylbenzene	BRL		µg/l	0.5						
Styrene	BRL		µg/l	0.5						
1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5						
1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5						
Tetrachloroethene	BRL		µg/l	0.5						
Toluene	BRL		µg/l	0.5						
1,2,3-Trichlorobenzene	BRL		µg/l	0.5						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 5120747 - SW846 5030 Water MS										
Blank (5120747-BLK1)										
Prepared: 13-Dec-05 Analyzed: 14-Dec-05										
1,2,4-Trichlorobenzene	BRL		µg/l	0.5						
1,1,1-Trichloroethane	BRL		µg/l	0.5						
1,1,2-Trichloroethane	BRL		µg/l	0.5						
Trichloroethene	BRL		µg/l	0.5						
Trichlorofluoromethane (Freon 11)	BRL		µg/l	0.5						
1,2,3-Trichloropropane	BRL		µg/l	0.5						
1,2,4-Trimethylbenzene	BRL		µg/l	0.5						
1,3,5-Trimethylbenzene	BRL		µg/l	0.5						
Vinyl chloride	BRL		µg/l	0.5						
m,p-Xylene	BRL		µg/l	0.5						
o-Xylene	BRL		µg/l	0.5						
Tetrahydrofuran	BRL		µg/l	10.0						
Tert-amyl methyl ether	BRL		µg/l	0.5						
Ethyl tert-butyl ether	BRL		µg/l	0.5						
Di-isopropyl ether	BRL		µg/l	0.5						
Tert-Butanol / butyl alcohol	BRL		µg/l	10.0						
Surrogate: 4-Bromofluorobenzene	*45.3*		µg/l		*50.0*		*90.6*	*70-130*		
Surrogate: Toluene-d8	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.2*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*54.7*		µg/l		*50.0*		*109*	*70-130*		
LCS (5120747-BS1)										
Prepared: 13-Dec-05 Analyzed: 14-Dec-05										
Acetone	10.9	QC-2	µg/l		20.0		54.5	70-130		
Acrylonitrile	17.7		µg/l		20.0		88.5	70-130		
Benzene	18.8		µg/l		20.0		94.0	80-120		
Bromobenzene	20.2		µg/l		20.0		101	80-120		
Bromochloromethane	21.4		µg/l		20.0		107	80-120		
Bromodichloromethane	19.5		µg/l		20.0		97.5	80-120		
Bromoform	22.8		µg/l		20.0		114	80-120		
Bromomethane	18.1		µg/l		20.0		90.5	80-120		
2-Butanone (MEK)	14.7		µg/l		20.0		73.5	70-130		
n-Butylbenzene	17.3		µg/l		20.0		86.5	80-120		
sec-Butylbenzene	21.1		µg/l		20.0		106	80-120		
tert-Butylbenzene	19.4		µg/l		20.0		97.0	80-120		
Carbon disulfide	20.0		µg/l		20.0		100	70-130		
Carbon tetrachloride	19.5		µg/l		20.0		97.5	80-120		
Chlorobenzene	19.8		µg/l		20.0		99.0	80-120		
Chloroethane	19.0		µg/l		20.0		95.0	80-120		
Chloroform	18.7		µg/l		20.0		93.5	80-120		
Chloromethane	24.0		µg/l		20.0		120	80-120		
2-Chlorotoluene	21.2		µg/l		20.0		106	80-120		
4-Chlorotoluene	20.5		µg/l		20.0		102	80-120		
1,2-Dibromo-3-chloropropane	20.3		µg/l		20.0		102	80-120		
Dibromochloromethane	19.4		µg/l		20.0		97.0	80-120		
1,2-Dibromoethane (EDB)	18.6		µg/l		20.0		93.0	80-120		
Dibromomethane	18.1		µg/l		20.0		90.5	80-120		
1,2-Dichlorobenzene	20.9		µg/l		20.0		104	80-120		
1,3-Dichlorobenzene	21.4		µg/l		20.0		107	80-120		
1,4-Dichlorobenzene	18.6		µg/l		20.0		93.0	80-120		
Dichlorodifluoromethane (Freon12)	25.9	QC-2	µg/l		20.0		130	80-120		
1,1-Dichloroethane	19.3		µg/l		20.0		96.5	80-120		
1,2-Dichloroethane	19.2		µg/l		20.0		96.0	80-120		
1,1-Dichloroethene	16.0		µg/l		20.0		80.0	80-120		
cis-1,2-Dichloroethene	19.9		µg/l		20.0		99.5	80-120		
trans-1,2-Dichloroethene	19.3		µg/l		20.0		96.5	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 5120747 - SW846 5030 Water MS										
LCS (5120747-BS1)										
Prepared: 13-Dec-05 Analyzed: 14-Dec-05										
1,2-Dichloropropane	18.3		µg/l		20.0		91.5	80-120		
1,3-Dichloropropane	18.5		µg/l		20.0		92.5	80-120		
2,2-Dichloropropane	13.3	QC-2	µg/l		20.0		66.5	80-120		
1,1-Dichloropropene	17.8		µg/l		20.0		89.0	80-120		
cis-1,3-Dichloropropene	17.8		µg/l		20.0		89.0	80-120		
trans-1,3-Dichloropropene	18.0		µg/l		20.0		90.0	80-120		
Ethylbenzene	20.4		µg/l		20.0		102	80-120		
Hexachlorobutadiene	22.2		µg/l		20.0		111	80-120		
2-Hexanone (MBK)	14.1		µg/l		20.0		70.5	70-130		
Isopropylbenzene	20.1		µg/l		20.0		100	80-120		
4-Isopropyltoluene	20.4		µg/l		20.0		102	80-120		
Methyl tert-butyl ether	19.2		µg/l		20.0		96.0	80-120		
4-Methyl-2-pentanone (MIBK)	18.9		µg/l		20.0		94.5	70-130		
Methylene chloride	16.9		µg/l		20.0		84.5	80-120		
Naphthalene	17.5		µg/l		20.0		87.5	80-120		
n-Propylbenzene	19.5		µg/l		20.0		97.5	80-120		
Styrene	18.5		µg/l		20.0		92.5	80-120		
1,1,1,2-Tetrachloroethane	21.5		µg/l		20.0		108	80-120		
1,1,2,2-Tetrachloroethane	20.3		µg/l		20.0		102	80-120		
Tetrachloroethene	18.7		µg/l		20.0		93.5	80-120		
Toluene	17.8		µg/l		20.0		89.0	80-120		
1,2,3-Trichlorobenzene	20.7		µg/l		20.0		104	80-120		
1,2,4-Trichlorobenzene	19.1		µg/l		20.0		95.5	80-120		
1,1,1-Trichloroethane	19.3		µg/l		20.0		96.5	80-120		
1,1,2-Trichloroethane	18.7		µg/l		20.0		93.5	80-120		
Trichloroethene	18.6		µg/l		20.0		93.0	80-120		
Trichlorofluoromethane (Freon 11)	18.2		µg/l		20.0		91.0	80-120		
1,2,3-Trichloropropane	20.1		µg/l		20.0		100	80-120		
1,2,4-Trimethylbenzene	20.0		µg/l		20.0		100	80-120		
1,3,5-Trimethylbenzene	19.7		µg/l		20.0		98.5	80-120		
Vinyl chloride	21.3		µg/l		20.0		106	80-120		
m,p-Xylene	41.2		µg/l		40.0		103	80-120		
o-Xylene	21.1		µg/l		20.0		106	80-120		
Tetrahydrofuran	20.0		µg/l		20.0		100	70-130		
Tert-amyl methyl ether	20.6		µg/l		20.0		103	70-130		
Ethyl tert-butyl ether	20.2		µg/l		20.0		101	70-130		
Di-isopropyl ether	20.5		µg/l		20.0		102	70-130		
Tert-Butanol / butyl alcohol	183		µg/l		200		91.5	70-130		
Surrogate: 4-Bromofluorobenzene	*52.6*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*53.6*		µg/l		*50.0*		*107*	*70-130*		
Matrix Spike (5120747-MS1) **Source: SA38288-02**										
Prepared: 13-Dec-05 Analyzed: 14-Dec-05										
Benzene	11.9	QM-07	µg/l		15.0	BRL	79.3	80-120		
Chlorobenzene	14.1		µg/l		15.0	BRL	94.0	80-120		
1,1-Dichloroethene	11.0	QM-07	µg/l		15.0	BRL	73.3	80-120		
Toluene	12.0		µg/l		15.0	BRL	80.0	80-120		
Trichloroethene	12.5		µg/l		15.0	BRL	83.3	80-120		
Surrogate: 4-Bromofluorobenzene	*45.8*		µg/l		*50.0*		*91.6*	*70-130*		
Surrogate: Toluene-d8	*48.3*		µg/l		*50.0*		*96.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.7*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*53.0*		µg/l		*50.0*		*106*	*70-130*		
Matrix Spike Dup (5120747-MSD1) **Source: SA38288-02**										

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 5120747 - SW846 5030 Water MS										
Prepared: 13-Dec-05 Analyzed: 14-Dec-05										
Benzene	12.0		µg/l		15.0	BRL	80.0	80-120	0.879	20
Chlorobenzene	14.3		µg/l		15.0	BRL	95.3	80-120	1.37	20
1,1-Dichloroethene	11.2	QM-07	µg/l		15.0	BRL	74.7	80-120	1.89	20
Toluene	12.1		µg/l		15.0	BRL	80.7	80-120	0.871	20
Trichloroethene	12.4		µg/l		15.0	BRL	82.7	80-120	0.723	20
Surrogate: 4-Bromofluorobenzene	*46.4*		µg/l		*50.0*		*92.8*	*70-130*		
Surrogate: Toluene-d8	*48.1*		µg/l		*50.0*		*96.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.0*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*53.5*		µg/l		*50.0*		*107*	*70-130*		
Batch 5120822 - SW846 5030 Water MS										
Blank (5120822-BLK1)										
Prepared & Analyzed: 14-Dec-05										
Benzene	BRL		µg/l	1.0						
Ethylbenzene	BRL		µg/l	1.0						
Methyl tert-butyl ether	BRL		µg/l	1.0						
Naphthalene	BRL		µg/l	1.0						
Toluene	BRL		µg/l	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
m,p-Xylene	BRL		µg/l	2.0						
o-Xylene	BRL		µg/l	1.0						
Surrogate: 4-Bromofluorobenzene	*46.0*		µg/l		*50.0*		*92.0*	*70-130*		
Surrogate: Toluene-d8	*48.7*		µg/l		*50.0*		*97.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.0*		µg/l		*50.0*		*108*	*70-130*		
Surrogate: Dibromofluoromethane	*55.1*		µg/l		*50.0*		*110*	*70-130*		
LCS (5120822-BS1)										
Prepared: 14-Dec-05 Analyzed: 15-Dec-05										
Benzene	18.5		µg/l		20.0		92.5	70-130		
Ethylbenzene	20.6		µg/l		20.0		103	70-130		
Methyl tert-butyl ether	18.6		µg/l		20.0		93.0	70-130		
Naphthalene	16.9		µg/l		20.0		84.5	70-130		
Toluene	17.3		µg/l		20.0		86.5	70-130		
1,2,4-Trimethylbenzene	19.7		µg/l		20.0		98.5	70-130		
1,3,5-Trimethylbenzene	19.6		µg/l		20.0		98.0	70-130		
m,p-Xylene	41.1		µg/l		40.0		103	70-130		
o-Xylene	21.3		µg/l		20.0		106	70-130		
Surrogate: 4-Bromofluorobenzene	*53.1*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*49.1*		µg/l		*50.0*		*98.2*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
Surrogate: Dibromofluoromethane	*52.1*		µg/l		*50.0*		*104*	*70-130*		
LCS Dup (5120822-BSD1)										
Prepared: 14-Dec-05 Analyzed: 15-Dec-05										
Benzene	17.8		µg/l		20.0		89.0	70-130	3.86	30
Ethylbenzene	19.7		µg/l		20.0		98.5	70-130	4.47	30
Methyl tert-butyl ether	18.8		µg/l		20.0		94.0	70-130	1.07	30
Naphthalene	17.2		µg/l		20.0		86.0	70-130	1.76	30
Toluene	17.0		µg/l		20.0		85.0	70-130	1.75	30
1,2,4-Trimethylbenzene	19.4		µg/l		20.0		97.0	70-130	1.53	30
1,3,5-Trimethylbenzene	18.9		µg/l		20.0		94.5	70-130	3.64	30
m,p-Xylene	39.6		µg/l		40.0		99.0	70-130	3.96	30
o-Xylene	20.3		µg/l		20.0		102	70-130	3.85	30
Surrogate: 4-Bromofluorobenzene	*52.1*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*48.9*		µg/l		*50.0*		*97.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
Surrogate: Dibromofluoromethane	*52.4*		µg/l		*50.0*		*105*	*70-130*		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 5120822 - SW846 5030 Water MS										
Matrix Spike (5120822-MS1) **Source: SA38402-01**										
Prepared: 14-Dec-05 Analyzed: 15-Dec-05										
Benzene	12.0		µg/l		15.0	BRL	80.0	70-130		
Chlorobenzene	14.1		µg/l		15.0	BRL	94.0	70-130		
1,1-Dichloroethene	11.8		µg/l		15.0	BRL	78.7	70-130		
Toluene	36.7		µg/l		15.0	24.0	84.7	70-130		
Trichloroethene	12.7		µg/l		15.0	BRL	84.7	70-130		
Surrogate: 4-Bromofluorobenzene	*46.2*		µg/l		*50.0*		*92.4*	*70-130*		
Surrogate: Toluene-d8	*48.5*		µg/l		*50.0*		*97.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.8*		µg/l		*50.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*54.0*		µg/l		*50.0*		*108*	*70-130*		
Matrix Spike Dup (5120822-MSD1) **Source: SA38402-01**										
Prepared: 14-Dec-05 Analyzed: 15-Dec-05										
Benzene	11.4		µg/l		15.0	BRL	76.0	70-130	5.13	30
Chlorobenzene	13.5		µg/l		15.0	BRL	90.0	70-130	4.35	30
1,1-Dichloroethene	10.8		µg/l		15.0	BRL	72.0	70-130	8.89	30
Toluene	34.2	QM-07	µg/l		15.0	24.0	68.0	70-130	21.9	30
Trichloroethene	12.1		µg/l		15.0	BRL	80.7	70-130	4.84	30
Surrogate: 4-Bromofluorobenzene	*45.5*		µg/l		*50.0*		*91.0*	*70-130*		
Surrogate: Toluene-d8	*48.2*		µg/l		*50.0*		*96.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.6*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*52.8*		µg/l		*50.0*		*106*	*70-130*		

Notes and Definitions

QC-2 Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BRL Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit

dry Sample results reported on a dry weight basis

NR Not Reported

RPD Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Brown

SA38288 (m) (r)

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page ____ of IW#501714 (R)

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: ____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: ECS Inc.
165 Millett St - Suite 301
Richmond, VT 05477

Project Mgr.: Jaymie Cleland

Invoice To: ECS Inc.
588 Silver St
Agawam, MA

P.O. No.: ____ RQN: VT PCF

Project No.: VT96-0093B-05-02
Site Name: Londonderry Citgo
Location: Londonderry State: VT
Sampler(s): Brian Bachmann

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9=____ 10=____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=____ X2=____ X3=____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8021b VT-Scan	524.2						QA Reporting Notes: (check if needed)
SA38288-01	Trip	12/7/05	0800	G	GW	2	2				X							☐ Provide MA DEP MCP CAM Report ☐ Provide CT DPH RCP Report **QA/QC Reporting Level** ☐ Standard ☐ No QC ☐ Other ____ State specific reporting standards: ____
-02	MM-Eff		1145									X						
-03	MM-mid		1150									X						
-04	MM-Inf		1155									X						
-05	Duplicate		1200									X						
-06	TT-eff		1215								X							
-07	TT-mid		1217								X							
-08	TT-inf		1220								X							
-09	Roger's		1235								X							

☐ Fax results when available to (____) ____
☒ E-mail to jcleland@ecsconsult.com.
EDD Format ____
Condition upon receipt: ☒ Iced ☐ Ambient ☐ °C 2

Relinquished by:	Received by:	Date:	Time:
		12/7/05	1530
		12/8/05	930

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page _____ of _____

Special Handling:
- ☒ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____
- All TATs subject to laboratory approval. Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: ECS Inc.
65 Millet St Suite 301
Richmond, VT 05477

Project Mgr.: Jaymie Cleland

Invoice To: ECS Inc.
58 Silver St.
Agawam, MA

P.O. No.: _____ RQN: VT PCF

Project No.: VT96-0093B-05-02
Site Name: Londonderry Citgo
Location: Londonderry State: VT
Sampler(s): Brian Bachman

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8= $NaHSO_4$ 9=_____ 10=_____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW= Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: 8021b VT Scrn	524.2							QA Reporting Notes: (check if needed)
	Trip	12/7/05	0800	G	GW	Z	2				X								☐ Provide MA DEP MCP CAM Report ☐ Provide CT DPH RCP Report **QA/QC Reporting Level** ☐ Standard ☐ No QC ☐ Other _____ State specific reporting standards:
	MM-Eff		1145									X							
	MM-mid		1150									X							
	MM-Inf		1155									X							
	Duplicate		1200									X							
	TT-eff		1215								X								
	TT-mid		1217								X								
	TT-inf		1220								X								
	Roger's		1235								X								

☐ Fax results when available to (____) _____
☒ E-mail to jcleland@ecsoutlook.com.
EDD Format _____

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C _____

Relinquished by:	Received by:	Date:	Time:
		12/7/05	1530