28 November 2006
File No. 08-205686.00

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

Re: Fall 2006 Quarterly Sampling Letter Report
Londonderry Citgo, Londonderry, Vermont
(VT DEC Site No. 96-2015)

Dear Mr. Thurston:

Enclosed are the quarterly results for the Londonderry Citgo fall quarterly sampling event conducted by Environmental Compliance Services, Inc. (ECS) on 12 September 2006 (Figure 1). The event included sampling of ten onsite monitoring wells, the Main Supply Well point of entry treatment (POET) system for the Mountain Marketplace Shopping Center, the Thorne-Thompson residential supply well POET system, and the Rogers' residential supply well (Figure 1a). The services outlined were conducted in accordance with the work plan and cost estimate dated 26 January 2006.

Findings:

- Methyl tertiary-butyl either (MTBE) was detected in the influent sample (Mountain Marketplace Inf) and mid point sample of carbon train D (Carbon D Mid) of the POET system serving the Main Supply Well of the Mountain Marketplace Shopping Center. MTBE was detected at concentrations of 22.3 and 0.9 micrograms per liter (µg/L) respectively. Both are below the Vermont Groundwater Enforcement Standard (VGES) of 40 µg/L. Acetone was detected in the influent sample at a concentration of 14.9 µg/L; which is below the Vermont Health Advisory level of 700 ppb. Tert-amyl methyl ether was also detected in the influent sample at a concentration of 2.1 µg/L. This compound does not have an Action Level, Health Advisory, or Maximum Contaminant Level established by the state of Vermont.

- MTBE was detected in the influent sample collected from the Thorne-Thomsen water supply carbon treatment system at a concentration of 34.9 µg/L, which is below the VGES. No petroleum related volatile organic compounds (VOCs) were detected in the Thorne-Thompson residence treatment system mid or effluent sample indicating that the system is effectively removing the contaminants.

- MTBE continues to be detected in the Rogers' supply well at 1.4 µg/L; though concentrations appear to be exhibiting a decreasing trend since a peak concentration was observed in March 2004.

- Petroleum related VOCs were detected in seven of the ten monitoring wells during the 12 September 2006 sampling event. Benzene concentrations continue to be above VGES in both MW-1R and MW-10 at 8.5 µg/L and 17.9 µg/L respectively.

- MTBE was detected in monitoring wells MW-1R, MW-8, MW-11, and MW-S3 at concentrations of 10.5 µg/L, 16.7 µg/L, 6.4 µg/L, and 1.2 µg/L respectively. MTBE exceeded the VGES of 40 µg/L in MW-S2 and MW-10 with concentrations of 51.4 µg/L and 91.6µg/L respectively. MW-S2 is a downgradient compliance point. No other VOCs exceeded VGESs in any downgradient monitoring point.

SAMPLING RESULTS – SUPPLY WELLS

VOCs were detected in the influent side sample collected from the Main Supply Well POET system of the Mountain Marketplace Shopping Center (Table 1). MTBE was detected in the treatment system influent sample (Main Supply Inf) at a concentration of 22.3 micrograms per liter (µg/L), which is consistent with levels observed for the past two years. Acetone was detected in the influent sample at a concentration of 14.9 µg/L; which is below the Vermont Health Advisory level of 700 ppb. Tert-amyl methyl ether was also detected in the influent sample at a concentration of 2.1 µg/L. This compound does not have an Action Level, Health Advisory, or Maximum Contaminant Level established by the state of Vermont. Analytical results are attached and also summarized in Table 1.

MTBE increased by 8.7 µg/L in the Thorne-Thompson residence POET system influent sample (Thorne-Thompson Inf) to 34.9 µg/L (Figure 3). No VOCs were detected in samples collected following the first carbon filter (Thorne-Thompson Mid) or the second carbon filter (Thorne-Thompson Eff) indicating that the system is effectively removing the contaminants. Analytical results are attached and also summarized in Table 1.

MTBE was detected in the Rogers residential supply well sample at 1.4 µg/L during the 12 September 2006 quarterly sampling event. MTBE concentrations at the residence are below the water quality guideline of 40 µg/L and continue to exhibit a decreasing trend. Analytical results are attached and also summarized in Table 3.

Prior to all sample collections, the water was allowed to run for approximately 10 minutes to purge water from the lines 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, where they were analyzed for the possible presence of volatile petroleum compounds by EPA Method 524.2 for the Mountain Marketplace Main Supply Well and by EPA Method 8021b for remainder of the residential supply wells and treatment systems.

SAMPLING RESULTS – SURFICIAL AQUIFER MONITORING WELLS

Groundwater flow continues to flow in a southerly direction towards the West River (Fig.3, Table 2). A bedrock outcrop observed east of the Londonderry Citgo facility, bedrock encountered at a depth of approximately three feet in SB-9, and the lack of overburden groundwater at SB-9 indicates that there is no easterly component of overburden groundwater flow. Groundwater contouring and contaminant distribution does indicate the possibility that undulations in the bedrock surface and water and sewer lines

leading to the plaza may be influencing groundwater movement and are potentially acting as a preferential pathway for MTBE migration to down gradient monitoring wells.

VOCs were detected in seven of the ten monitoring wells sampled (Figure 5-15). Benzene, toluene, ethyl benzene, and xylenes (BTEX) concentrations were detected in both MW-1R and MW-10. MTBE was detected in monitoring wells MW-1R, MW-8, MW-10, MW-11, MW-S2, and MW-S3 at concentrations of 10.5µg/L, 16.7µg/L, 91.6µg/L, 6.4µg/L, 51.4µg/L, and 1.2µg/L respectively. 1,2,4 Trimethylbenzene was detected in MW-1R, MW-2R and MW-10, with the VGES of 5 µg/L being exceeded in MW-1R. 1,3,5 Trimethylbenzene was found in both MW-1R and MW-10, though neither exceeded the VGES. MW-1R also had concentrations of Xylenes and Naphlalene at 2.9 µg/L and 3.3 µg/L respectively. Both of these concentrations are below VGES standards.

Analytical results from the quality assurance and quality control (QA/QC) samples indicate that adequate QA/QC was maintained during sample collection and analysis. No contaminants were detected in the trip blank. The blind field duplicate sample results for monitoring well MW-1R (designated as Duplicate) were within the EPA recommended relative percent difference for field duplicate samples of 30 percent.

Recommendations

Based on the above findings, the site does not meet the criteria of a Site Management Activities Completed (SMAC) designation because of the exceedance of VGESs at a downgradient compliance monitoring well and the presence of gasoline related VOCs in nearby residential supply wells. ECS recommends the following:

- Continue with the monitoring plan outlined in the work plan dated 26 January 2006 for the impacted surficial groundwater aquifer and drinking water supply wells;

- Dissolved oxygen levels should continue to be measured to complete baseline data analysis and continue to assess potential remedial alternatives.

Please contact me if you have any questions regarding this report or the enclosed analytical results. Upon your approval, this report will be forwarded to the VT DEC.

Sincerely,
ENVIRONMENTAL COMPLIANCE SERVICES, INC.

Michael P. Doran
Project Scientist

96093Sept2006qtrlyRpt

Attachments:

	Table 1.	Treatment System and Supply Well Summary with QA/QC
	Table 2.	Groundwater Elevation Calculations
	Figure 1.	Site Location Map
	Figure 2.	Site Plan
	Figure 3.	Groundwater Elevation Map
	Figure 4A.	Contaminant Distribution Map w/ BTEX Is concentrations
	Figure 4B.	Contaminant Distribution Map w/ MTBE Isoconcentrations
	Figures 5-15.	VOC Concentration Tables and Graphs
	Laboratory Reports	

Cc: Mr. Tim Cropley, VTDEC
Mr. Robert Waite, Londonderry Ventures

ATTACHMENTS

TABLE 1.
Treatment System and Supply Well Summary with QA/QC
Londonderry Citgo
Londonderry Center, Vermont
Monitoring Date:
12 September 2006

Supply Well	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	Total BTEX	1,3,5 -TMB	1,2,4 -TMB	Naphthalene	Acetone	Tert amyl methyl ether
Shopping Center Main - Mountain Marketplace											
Mountain Marketplace Inf.	**22.3**	BRL<0.5	BRL<0.5	BRL<0.5	BRL<1.0	BRL	BRL<0.5	BRL<0.5	BRL<0.5	**14.9**	**2.1**
Carbon Mid C	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	NS	NS
Carbon D Mid	**0.9**	BRL<0.5	BRL<0.5	BRL<0.5	BRL<1.0	BRL	BRL<0.5	BRL<0.5	BRL<0.5	BRL<10	BRL<0.5
Mountain Marketplace Eff.	BRL<0.5	BRL<0.5	BRL<0.5	BRL<0.5	BRL<1.0	BRL	BRL<0.5	BRL<0.5	BRL<0.5	BRL<10	BRL<0.5
Thorne-Thompsen											
Thorne-Thompsen Inf	**34.9**	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	NS	NS
Thorne-Thompsen Mid	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	NS	NS
Thorne-Thompsen Eff	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	NS	NS
Rogers	**1.4**	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	NS	NS
QA/QC											
Trip	BRL<1	BRL<1	BRL<1	BRL<1	BRL<2	ND	BRL<1	BRL<1	BRL<1		
MW-1R	**10.5**	**8.5**	BRL<1.0	**9.2**	**2.9**	**20.6**	**3.2**	**19.5**	**3.3**		
Duplicate	**11.9**	**10.4**	BRL<1.0	**11.6**	**3.8**	**26.0**	**4.1**	**24.8**	**3.9**		
% Difference	**13.3**	**22.4**	**--**	**26.1**	**31.0**	**-**	**28.1**	**27.2**	**18.2**		
MCL	---	5	1,000	700	10,000	---	---	---	---	---	---
VHA	40	---	---	---	---	---	---	5	4	20	---	---
VAL	---	1	---	---	---	---	---	---	---	---	---

Notes:
Results given in parts per billion (ppb) .
NS - Not sampled, could not contact owner for access.
ND - None detected at indicated detection limit.
BRL - Below reporting limits indicated.
All samples collected by ECS and analyzed by Spectrum Analytical, Inc.
VAL - Vermont Action Levels for eight chemicals of specific health concern in public water systems, established by the Vermont Dept. of Health.
Duplicate sample collected from Shopping Center's Main supply well.
*Post Office has been moved and building is abandoned. No access to sample.
BRL - Below Repoting Limit

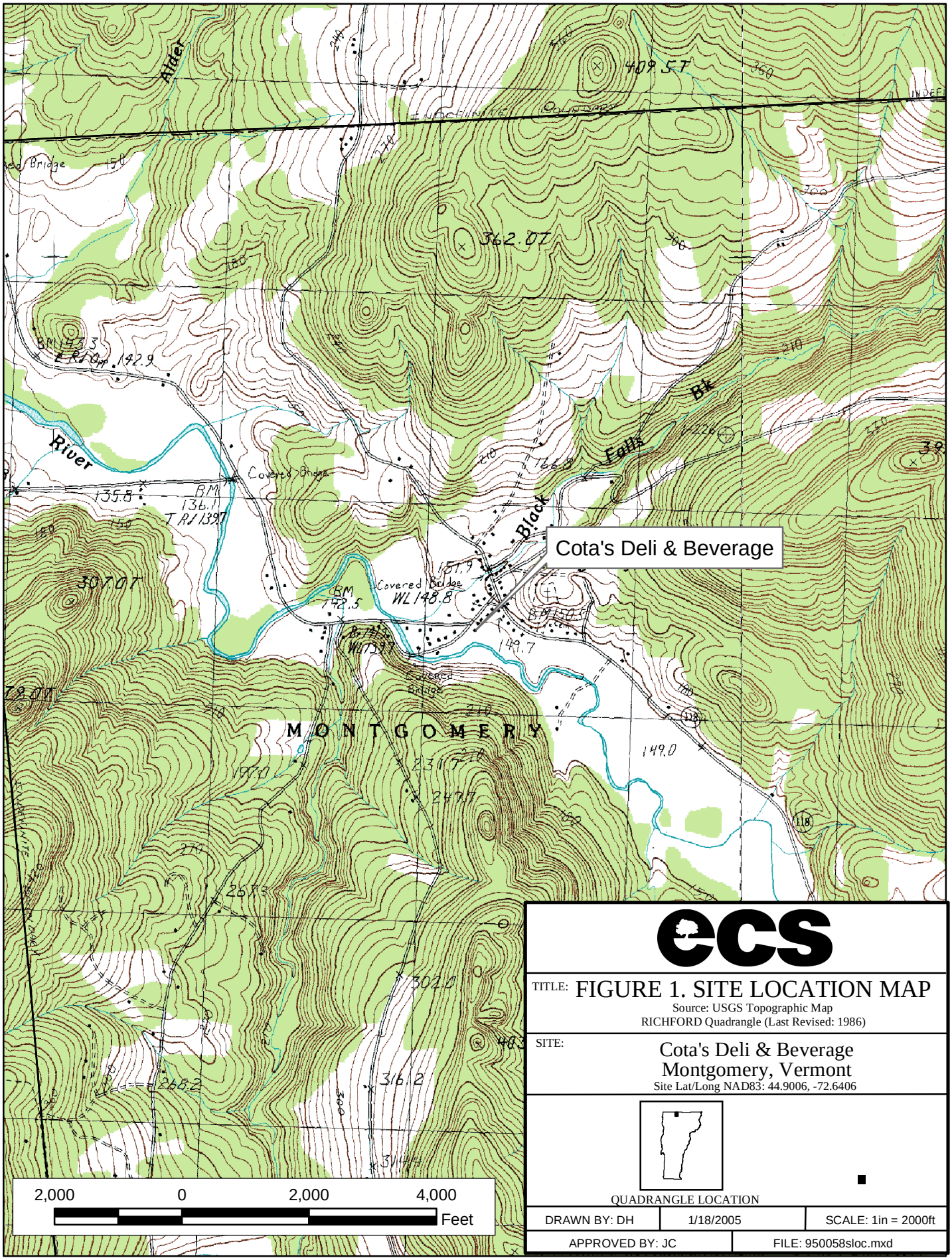
TABLE 2. GROUNDWATER ELEVATION CALCULATIONS

Londonderry Citgo
Londonderry, Vermont

Monitoring Date:
12 September 2006

Well I. D.	Top of Casing Elevation *	Depth to Water (feet, TOC)	Ground Water Elevation
MW-1R	100.53	8.93	91.60
MW-2R	99.28	7.75	91.53
MW-3	98.69	7.63	91.06
MW-4	98.32	DRY	DRY
MW-5	98.48	NG	NG
MW-6	95.13	10.14	84.99
MW-7	98.40	10.37	88.03
MW-8	99.66	8.15	91.51
MW-S2	94.89	10.22	84.67
MW-S3	94.41	9.73	84.68
MW-10	99.60	8.04	91.56
MW-11	98.70	9.47	89.23

*Top of casing (TOC) and ground water elevations are relative to an arbitrary site datum of 100.00 feet.
NG = Not Gauged



ecs

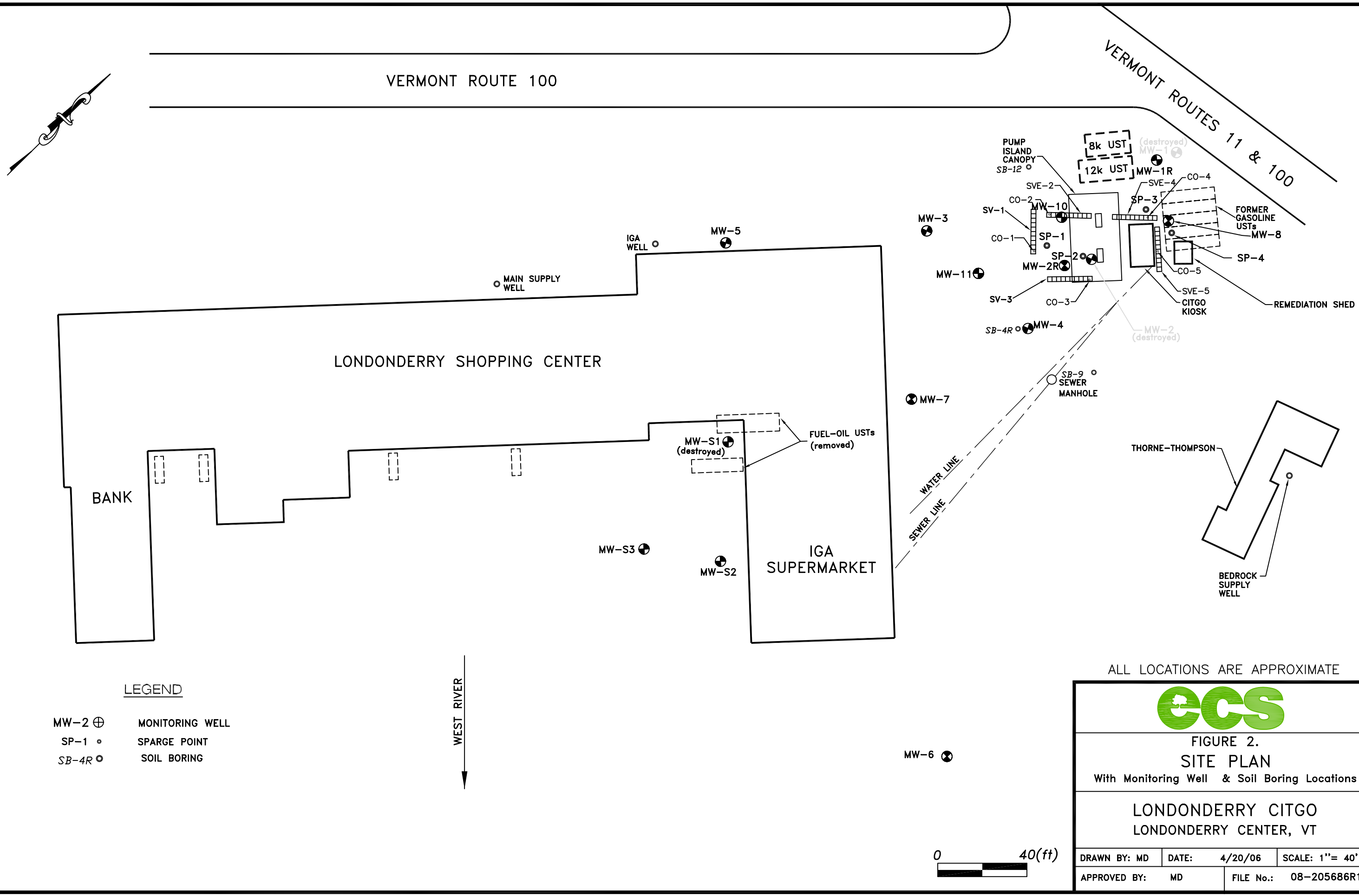
TITLE: FIGURE 1. SITE LOCATION MAP

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

SITE: Cota's Deli & Beverage
Montgomery, Vermont
Site Lat/Long NAD83: 44.9006, -72.6406

QUADRANGLE LOCATION

DRAWN BY: DH	1/18/2005	SCALE: 1in = 2000ft
APPROVED BY: JC		FILE: 950058sloc.mxd



ALL LOCATIONS ARE APPROXIMATE

ecs

FIGURE 2.

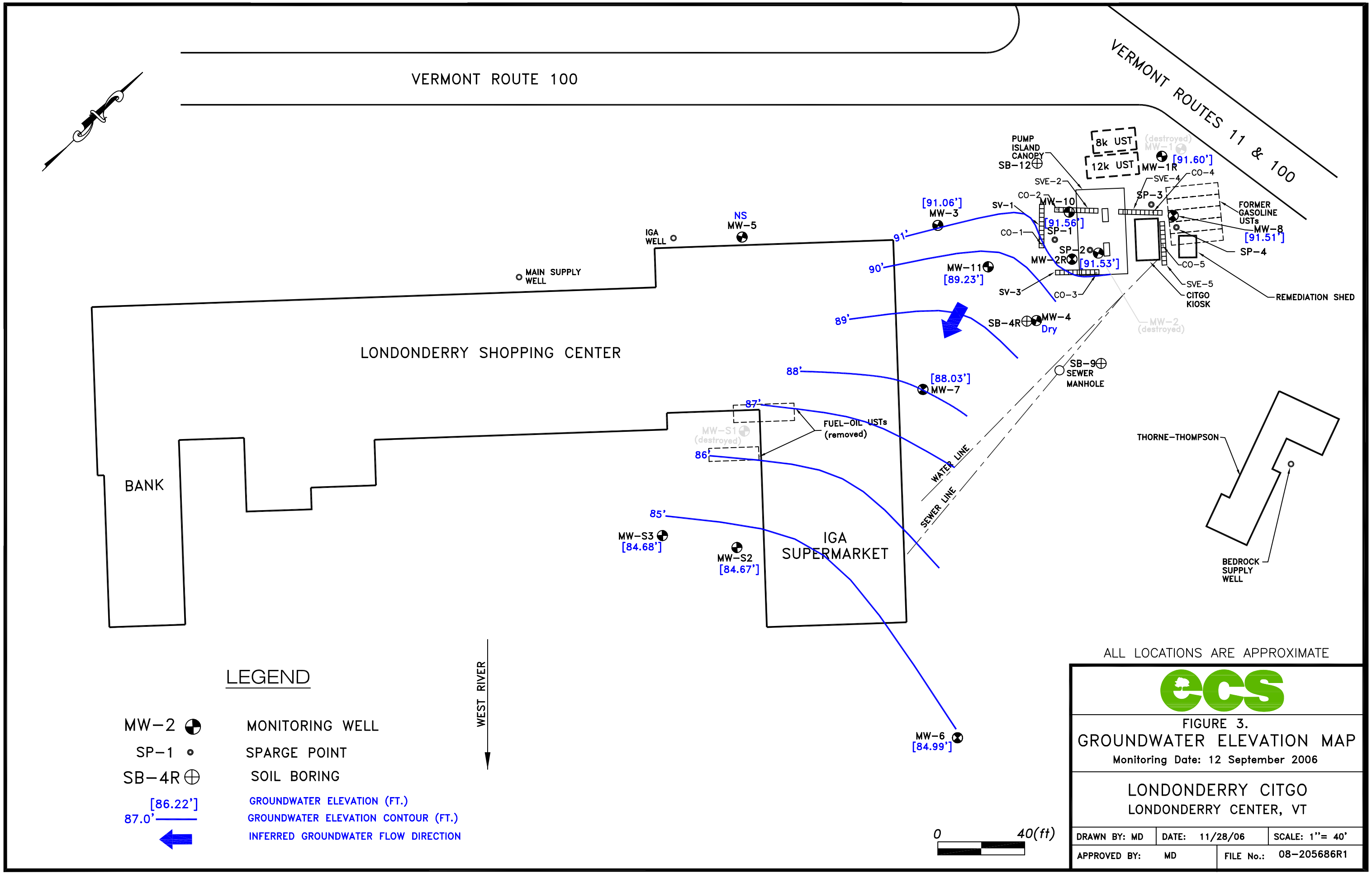
SITE PLAN

With Monitoring Well & Soil Boring Locations

LONDONDERRY CITGO

LONDONDERRY CENTER, VT

DRAWN BY: MD	DATE: 4/20/06	SCALE: 1"= 40'
APPROVED BY: MD		FILE No.: 08-205686R1



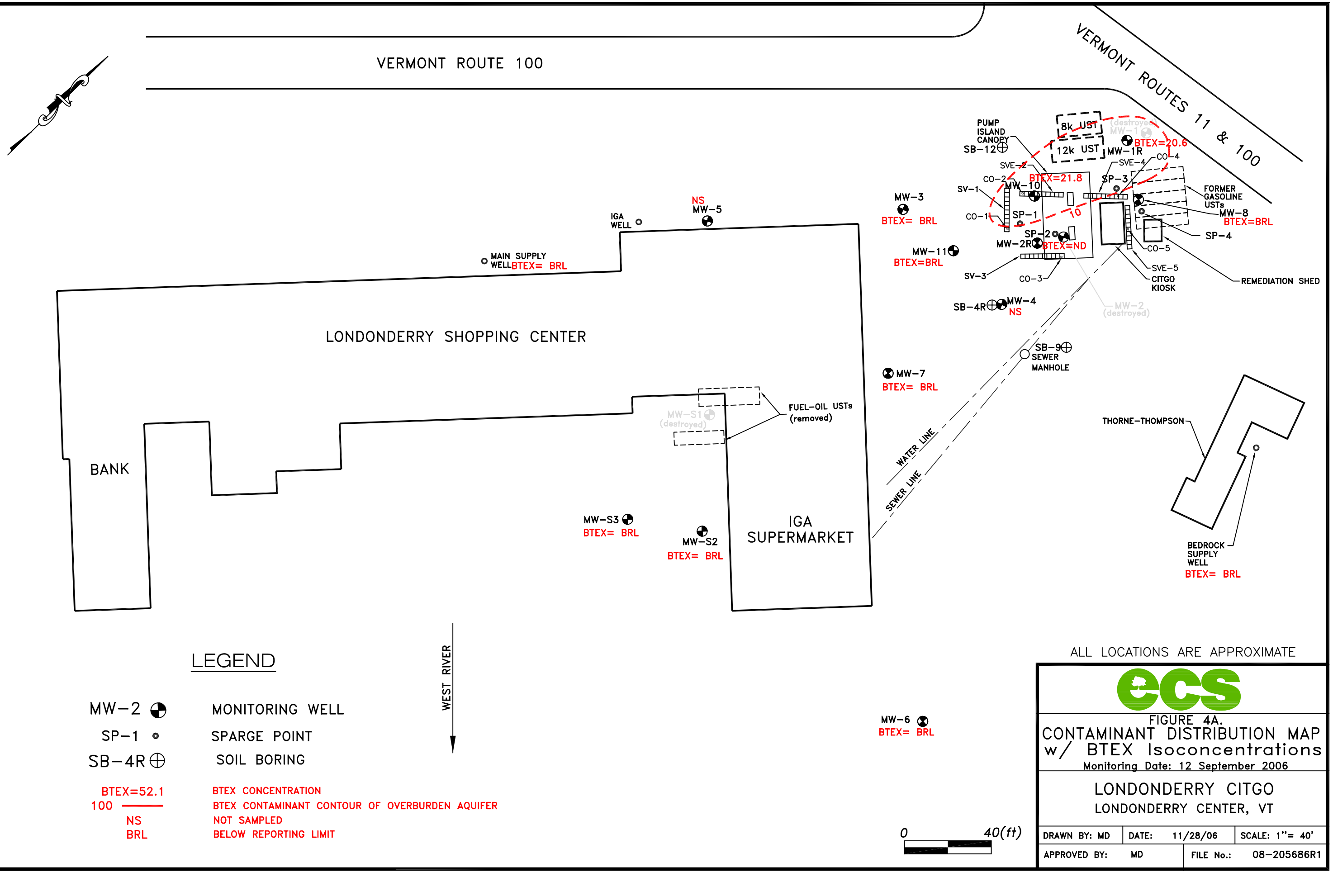
ALL LOCATIONS ARE APPROXIMATE

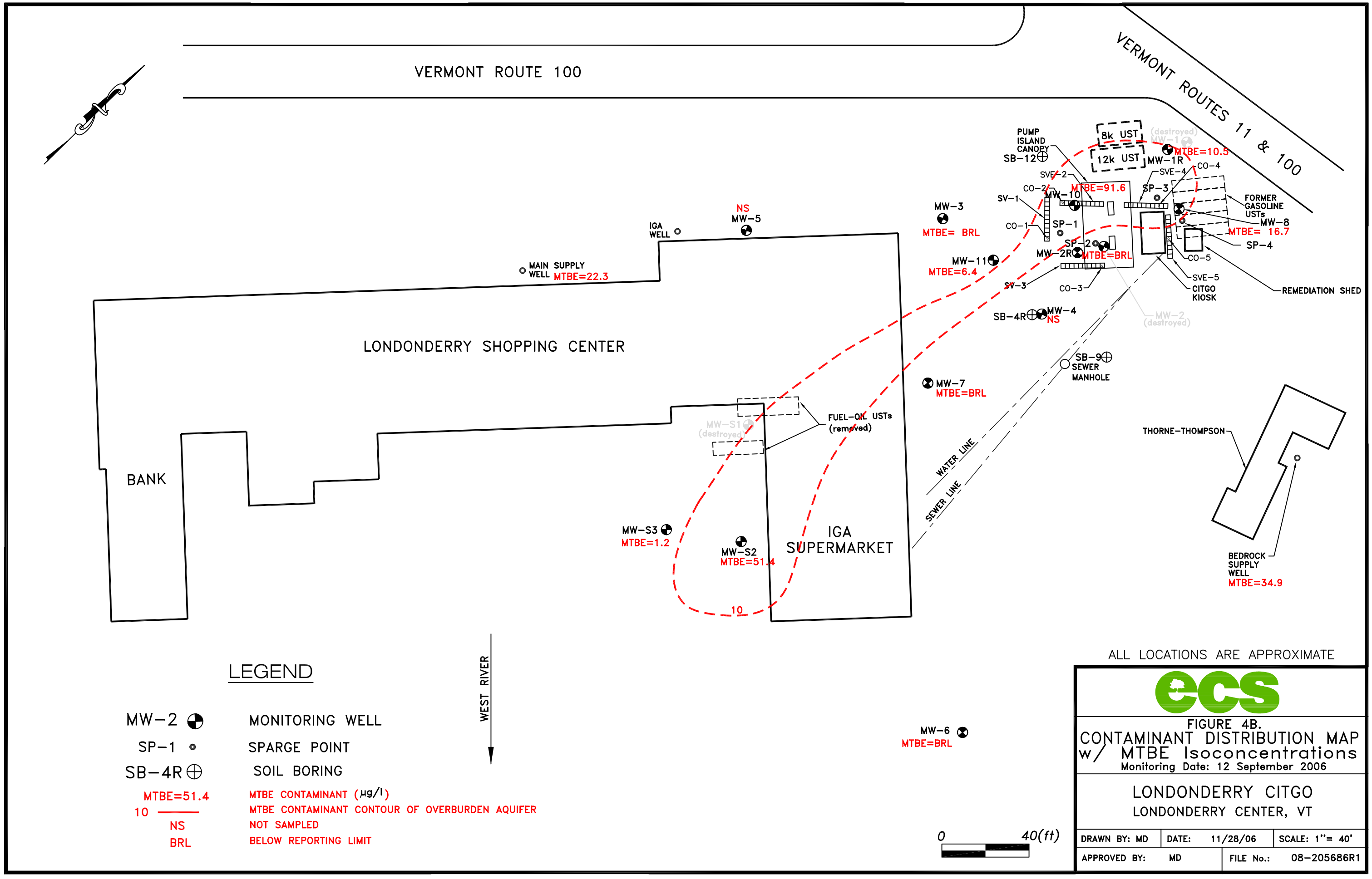
ecs

FIGURE 3.
GROUNDWATER ELEVATION MAP
Monitoring Date: 12 September 2006

LONDONDERRY CITGO
LONDONDERRY CENTER, VT

DRAWN BY: MD	DATE: 11/28/06	SCALE: 1"= 40'
APPROVED BY: MD	FILE No.: 08-205686R1	


VERMONT ROUTE 100
VERMONT ROUTES 11 & 100
LONDONDERRY SHOPPING CENTER
BANK
IGA SUPERMARKET
IGA WELL
MAIN SUPPLY WELL BTEX= BRL
NS
MW-5
FUEL-OIL USTs (removed)
MW-S1 (destroyed)
MW-S3 BTEX= BRL
MW-S2 BTEX= BRL
MW-6 BTEX= BRL
MW-7 BTEX= BRL
MW-3 BTEX= BRL
MW-11 BTEX=BRL
SB-4R
MW-4 NS
SB-9 SEWER MANHOLE
WATER LINE
SEWER LINE
PUMP ISLAND CANOPY
SB-12
8k UST
12k UST
MW-1 (destroyed)
MW-1R BTEX=20.6
MW-10 BTEX=21.8
MW-2R BTEX=ND
MW-2 (destroyed)
SP-1
SP-2
SP-3
SP-4
SV-1
SV-3
SVE-2
SVE-4
SVE-5
CO-1
CO-2
CO-3
CO-4
CO-5
10
FORMER GASOLINE USTs
MW-8 BTEX=BRL
CITGO KIOSK
REMEDIATION SHED
THORNE-THOMPSON
BEDROCK SUPPLY WELL BTEX= BRL
WEST RIVER
LEGEND
MW-2 MONITORING WELL
SP-1 SPARGE POINT
SB-4R SOIL BORING
BTEX=52.1 BTEX CONCENTRATION
100 BTEX CONTAMINANT CONTOUR OF OVERBURDEN AQUIFER
NS NOT SAMPLED
BRL BELOW REPORTING LIMIT
0 40(ft)
ALL LOCATIONS ARE APPROXIMATE
ecs
FIGURE 4A.
CONTAMINANT DISTRIBUTION MAP
w/ BTEX Isoconcentrations
Monitoring Date: 12 September 2006
LONDONDERRY CITGO
LONDONDERRY CENTER, VT
DRAWN BY: MD
DATE: 11/28/06
SCALE: 1"= 40'
APPROVED BY: MD
FILE No.: 08-205686R1



LEGEND

MW-2	MONITORING WELL
SP-1	SPARGE POINT
SB-4R	SOIL BORING
MTBE=51.4	MTBE CONTAMINANT (µg/l)
10	MTBE CONTAMINANT CONTOUR OF OVERBURDEN AQUIFER
NS	NOT SAMPLED
BRL	BELOW REPORTING LIMIT

ALL LOCATIONS ARE APPROXIMATE

ecs

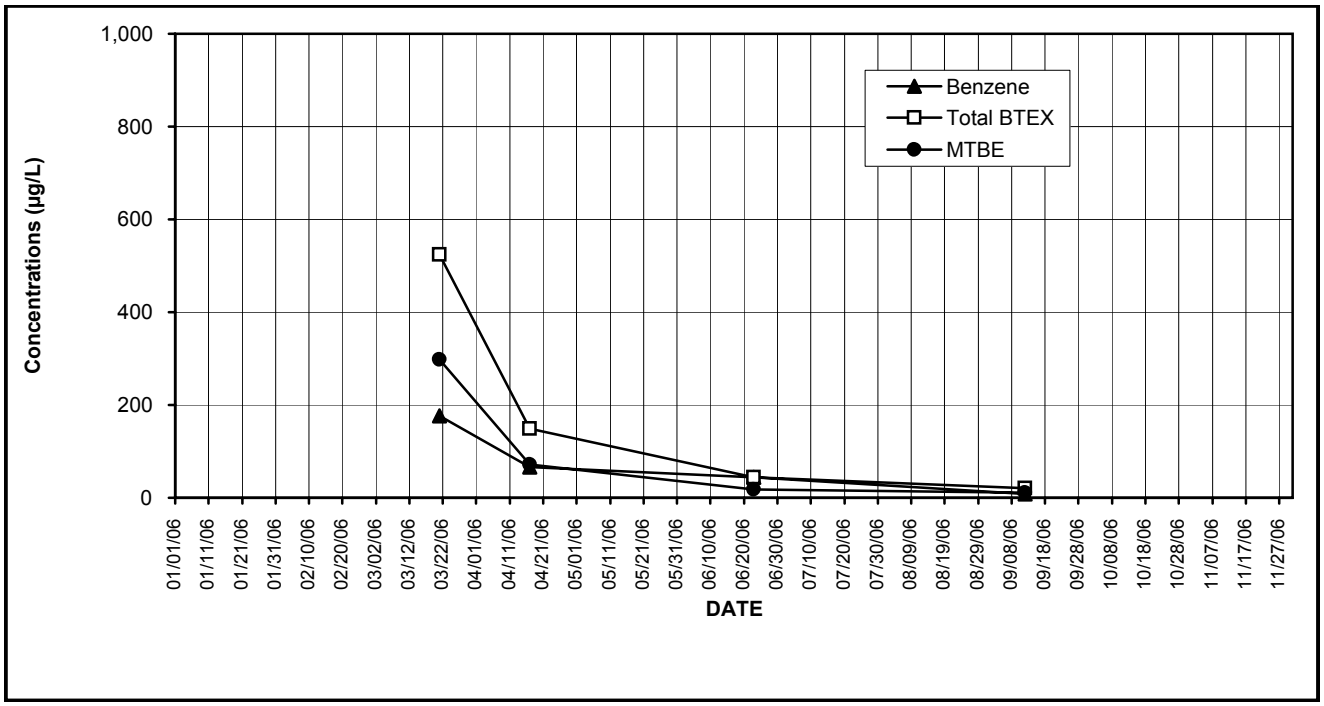
FIGURE 4B.
CONTAMINANT DISTRIBUTION MAP
w/ MTBE Isoconcentrations
Monitoring Date: 12 September 2006

LONDONDERRY CITGO
LONDONDERRY CENTER, VT

DRAWN BY: MD	DATE: 11/28/06	SCALE: 1"= 40'
APPROVED BY: MD		FILE No.: 08-205686R1

Figure 5. MW-1R
VOC Concentrations

Londonderry Citgo
Londonderry, VT

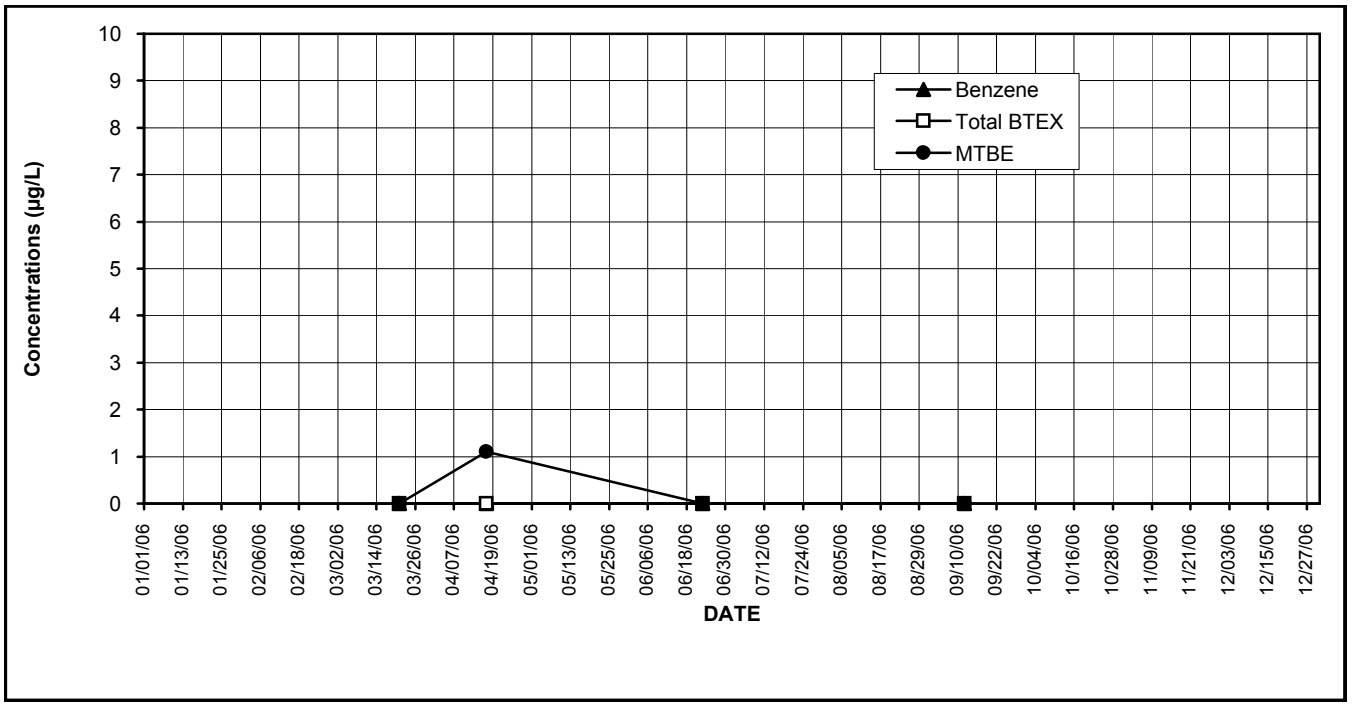


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 TMB	1,2,4 TMB	Naph-thalene
03/21/06	**524**	**298.0**	**176.0**	**170.0**	**9.0**	**169.4**	ND<5.0	**13.7**	ND<5.0
04/17/06	**149**	**72.0**	**66.6**	**34.8**	ND<5.0	**47.4**	ND<5.0	**6.8**	ND<5.0
06/23/06	**44**	**18.4**	**43.7**	ND<1.0	ND<1.0	ND<3.0	ND<1.0	ND<1.0	ND<1.0
09/12/06	**20.6**	**10.5**	**8.5**	BRL<1.0	**9.2**	**2.9**	**3.2**	**19.5**	**3.3**
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**	**4**	**5**	**20**

Notes: Results given in micrograms per liter (µg/L)
ND - None detected at indicated detection limit
TBQ- Trace below quantitation limit indicated.
03/29/05 samples collected by ECS and analyzed by Spectrum Analytical, Inc.
VGES - Vermont Groundwater Enforcement Standards
BTEX - Benzene, toluene, ethyl benzene, & xylenes
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
Shaded concentrations exceed VGES.
BRL - Below Reporting limit

Figure 6. MW-2R
VOC Concentrations

Londonderry Citgo
Londonderry, VT

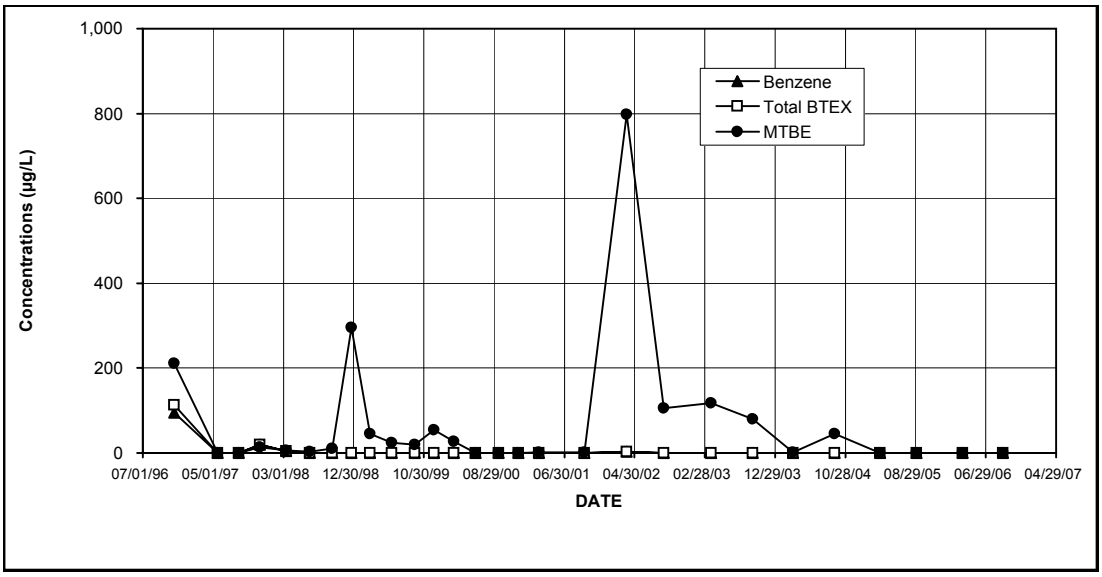


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 TMB	1,2,4 TMB	Naph-thalene
03/21/06	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
04/17/06	ND	**1.1**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
06/23/06	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
09/12/06	BRL	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	**2.2**	BRL<1.0
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**	**4**	**5**	**20**

Notes: Results given in micrograms per liter (µg/L)
ND - None detected at indicated detection limit
TBQ- Trace below quantitation limit indicated.
03/29/05 samples collected by ECS and analyzed by Spectrum Analytical, Inc.
VGES - Vermont Groundwater Enforcement Standards
BTEX - Benzene, toluene, ethyl benzene, & xylenes
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
Shaded concentrations exceed VGES.
BRL - Below Reporting Limit

Figure 7. MW-3
VOC Concentrations

Londonderry Citgo
Londonderry, VT

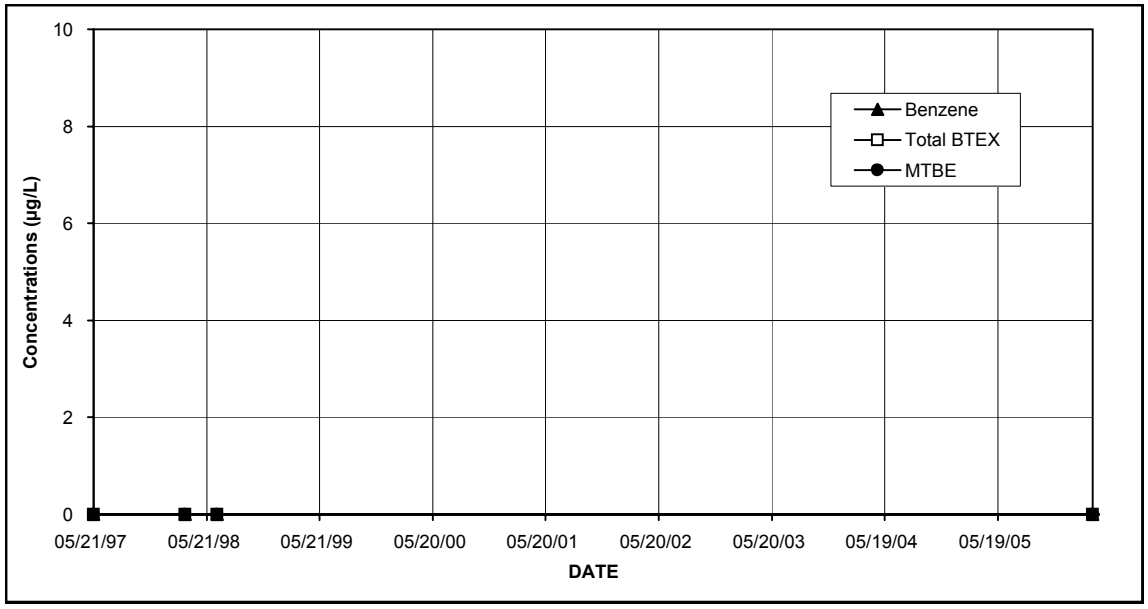


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 TMB	1,2,4 TMB	Naph-thalene
03/08/00	ND	**27.9**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
06/12/00	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
09/19/00	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
12/13/00	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
03/13/01	ND	**1.7**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
09/25/01	ND	**1.83**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
03/26/02	**3.2**	**798**	**3.2**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
09/05/02	ND	**106**	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0
03/27/03	ND	**118**	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0
09/25/03	ND	**80.2**	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0
03/16/04	ND	**1.5**	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0
09/14/04	ND	**44.6**	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0
03/29/05	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
09/02/05	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
03/21/06	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
09/12/06	BRL	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**	**4**	**5**	**20**

Notes: Results given in micrograms per liter (µg/L)
ND - None detected at indicated detection limit
TBQ- Trace below quantitation limit indicated.
03/29/05 samples collected by ECS and analyzed by Spectrum Analytical, Inc.
VGES - Vermont Groundwater Enforcement Standards
BTEX - Benzene, toluene, ethyl benzene, & xylenes
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
Shaded concentrations exceed VGES.
BRL - Below Reporting Limit

Figure 8. MW-4
VOC Concentrations

Londonderry Citgo
Londonderry, VT

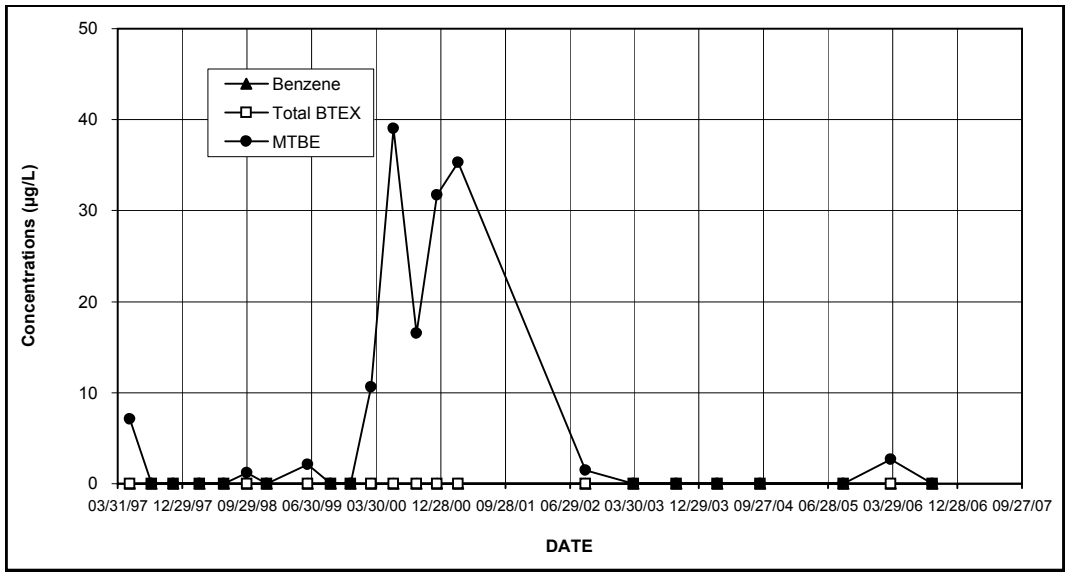


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes
05/21/97	ND	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
03/13/98	ND	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
06/23/98	ND	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
03/21/06	ND	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
09/12/06	NS	NS	NS	NS	NS	NS
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**

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, & xylenes
MTBE - Methyl tertiary butyl ether
All samples collected by Marin and analyzed by Endyne, Inc.
VGES - Vermont Groundwater Enforcement Standards
* Not sampled 11/14/96, 8/22/97, 11/21/97, 9/29/98 OR 12/22/98; monitoring well was dry. Well was destroyed in 1998.
NS - Not Sampled

Figure 9. MW-6
VOC Concentrations

Londonderry Citgo
Londonderry, VT

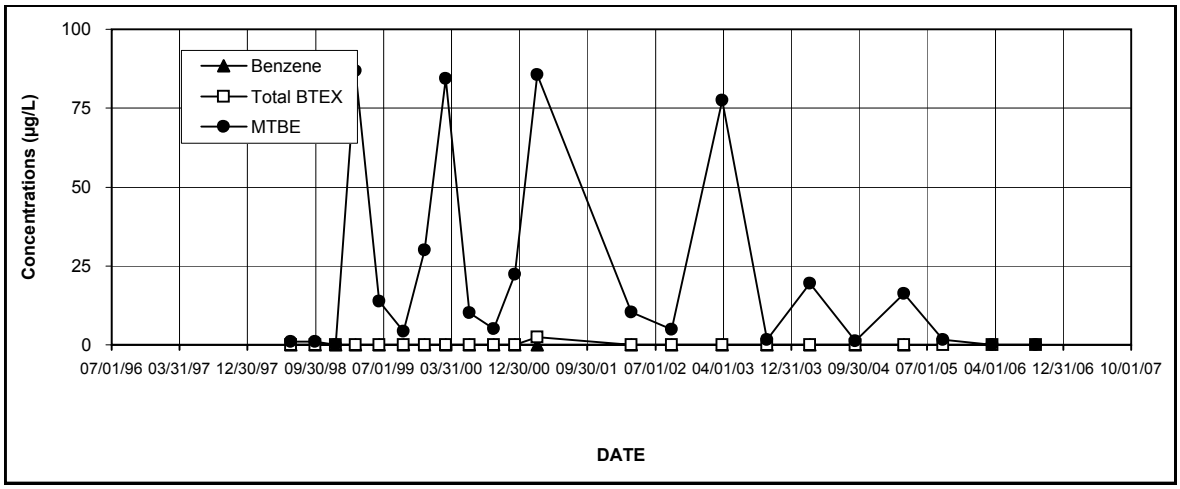


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 TMB	1,2,4 TMB	Naph-thalene
03/08/00	ND	**10.6**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
06/12/00	ND	**39.0**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
09/19/00	ND	**16.5**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
12/13/00	ND	**31.7**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
03/13/01	ND	**35.3**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
09/05/02	ND	**1.5**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
03/27/03	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/25/03	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0
03/16/04	NS	NS	NS	NS	NS	NS	NS	NS	NS
09/14/04	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0
09/02/05	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0
03/21/06	ND	**2.7**	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0
09/12/06	BRL	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**	**4**	**5**	**20**

Notes: Results given in micrograms per liter (µg/L)
ND - None detected at indicated detection limit.
TBQ - Trace below quantitation limit indicated.
All samples collected by ECS and analyzed by Endyne, Inc.
VGES - Vermont Groundwater Enforcement Standards
BTEX - Benzene, toluene, ethyl benzene, & xylenes
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
* Well installed 14 May 1997
** MW-6 not located.
NS- Unable to locate the well due to excessive snow stock piled from plowing, therefore not sampled.
BRL - Below Reporting Limit

Figure 10. MW-7
VOC Concentrations

Londonderry Citgo
Londonderry, VT

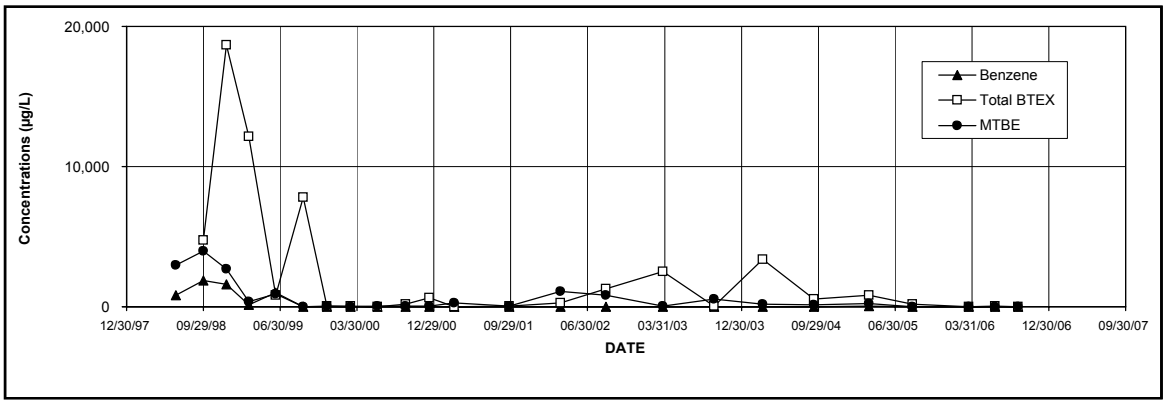


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 TMB	1,2,4 TMB	Naph-thalene
03/08/00	ND	**84.3**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND<1.0
06/12/00	ND	**10.2**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND<1.0
09/19/00	ND	**5.1**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND<1.0
12/13/00	ND	**22.3**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND<1.0
03/13/01	**2.4**	**85.5**	ND<1.0	ND<1.0	ND<1.0	**2.4**	ND<1.0	ND<1.0	ND<1.0
03/26/02	ND	**10.4**	ND<1.0	ND<1.0	ND<1.0	ND <1.0	ND<1.0	ND<1.0	ND<1.0
09/05/02	ND	**4.9**	ND<1.0	ND<1.0	ND<1.0	ND <2.0	ND<1.0	ND<1.0	ND<1.0
03/27/03	ND	**77.5**	ND<1.0	ND<1.0	ND<1.0	ND <2.0	ND<1.0	ND<1.0	ND<1.0
09/25/03	ND	**1.72**	ND<1.0	ND<1.0	ND<1.0	ND <2.0	ND<1.0	ND<1.0	ND<1.0
03/16/04	ND	**19.4**	ND<1.0	ND<1.0	ND<1.0	ND <2.0	ND<1.0	ND<1.0	ND<1.0
09/14/04	ND	**1.3**	ND<1.0	ND<1.0	ND<1.0	ND <2.0	ND<1.0	ND<1.0	ND<1.0
03/29/05	ND	**16.3**	ND<1.0	ND<1.0	ND<1.0	ND <2.0	ND<1.0	ND<1.0	ND<1.0
09/02/05	ND	**1.6**	ND<1.0	ND<1.0	ND<1.0	ND <2.0	ND<1.0	ND<1.0	ND<1.0
03/21/06	ND	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND <2.0	ND<1.0	ND<1.0	ND<1.0
09/12/06	BRL	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**	**4**	**5**	**20**

Notes: Results given in micrograms per liter (µg/L)
ND - None detected at indicated detection limit.
TBQ - Trace below quantitation limit indicated.
All samples collected by ECS and analyzed by Endyne, Inc.
VGES - Vermont Groundwater Enforcement Standards
BTEX - Benzene, toluene, ethyl benzene, & xylenes
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
* Well installed 23 April 1998
**MW-7 not sampled because it was damaged.
BRL -Below Reporting Limit

Figure 11. MW-8
VOC Concentrations

Londonderry Citgo
Londonderry, VT

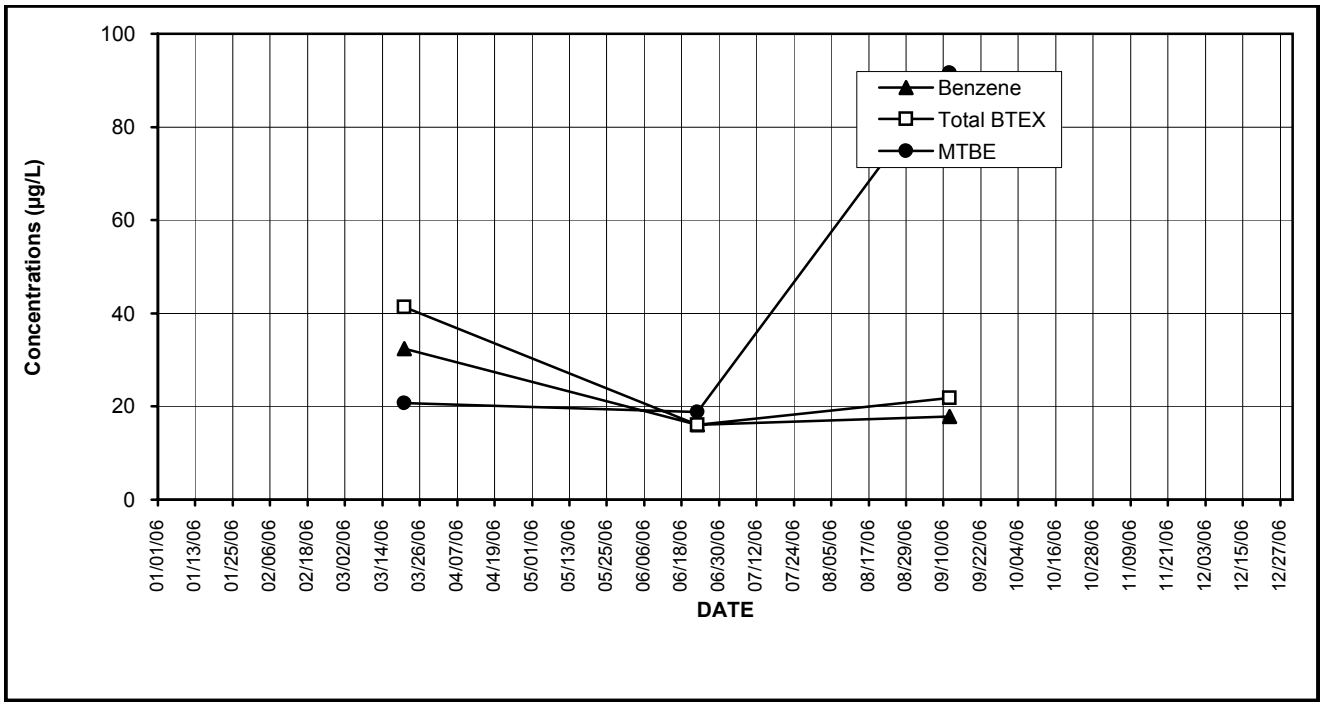


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 TMB	1,2,4 TMB	Naph-thalene
03/08/00	ND	**1.2**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
06/12/00	**188.2**	**53.1**	**10.2**	**7.9**	**31.1**	**139**	**37.9**	**46.8**	**10.9**
09/19/00	**625.8**	**24.4**	**10.8**	**117**	**129**	**369**	**31.5**	**103**	**19.0**
12/13/00	ND	**24.7**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
03/13/01	**44.5**	**264**	**5.9**	ND<2.0	**18.6**	**20.0**	**10.6**	**12.3**	**4.2**
09/25/01	**295.4**	**68.1**	**4.3**	**15.1**	**116**	**160**	**32.5**	**92.1**	**18.8**
03/26/02	**1,294.3**	**1,080**	**11.2**	**35.1**	**178**	**1,070**	**180**	**422**	**146**
09/05/02	**2,514.2**	**814**	**20.2**	**206.0**	**588**	**1,700**	**222**	**696**	**153**
03/27/03	**55.2**	**38.4**	**1.0**	**1.7**	**5.9**	**46.6**	**8.0**	**16.2**	**4.1**
09/25/03	**3,362.0**	**556**	ND<25.0	**116**	**824**	**2,422**	**581**	**1,690**	**376**
03/16/04	**540.5**	**178**	**12.6**	**16.9**	**217**	**294**	**184**	**360**	**77.2**
09/14/04	**838.4**	**140**	ND<10.0	**13.4**	**178**	**647**	**160**	**575**	**93.2**
03/29/05	**171.7**	**213**	**40.0**	ND<5.0	**35.6**	**96.1**	**87.4**	**299**	**29.0**
09/02/05	**11.0**	**2.4**	**1.2**	ND<1.0	**2.1**	**7.7**	**1.8**	**8.5**	**1.4**
03/21/06	**52.1**	**22.8**	ND<5	ND<5.0	**17.5**	**34.6**	**51.8**	**227.0**	**27.5**
06/23/06	**3.9**	**7.2**	**2.3**	ND<1.0	ND<1.0	**1.6**	ND<1.0	ND<1.0	ND<1.0
09/12/06	BRL	**16.7**	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**	**4**	**5**	**20**

Notes: Results given in micrograms per liter (µg/L)
ND- None detected at indicated detection limit.
TBQ - Trace below quantitation limit indicated.
All samples collected by ECS and analyzed by Endyne, Inc.
VGES - Vermont Groundwater Enforcement Standards
* Well installed 23 April 1998
BTEX - Benzene, toluene, ethyl benzene, & xylenes
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
Shaded concentrations exceed VGES.

Figure 12. MW-10
VOC Concentrations

Londonderry Citgo
Londonderry, VT

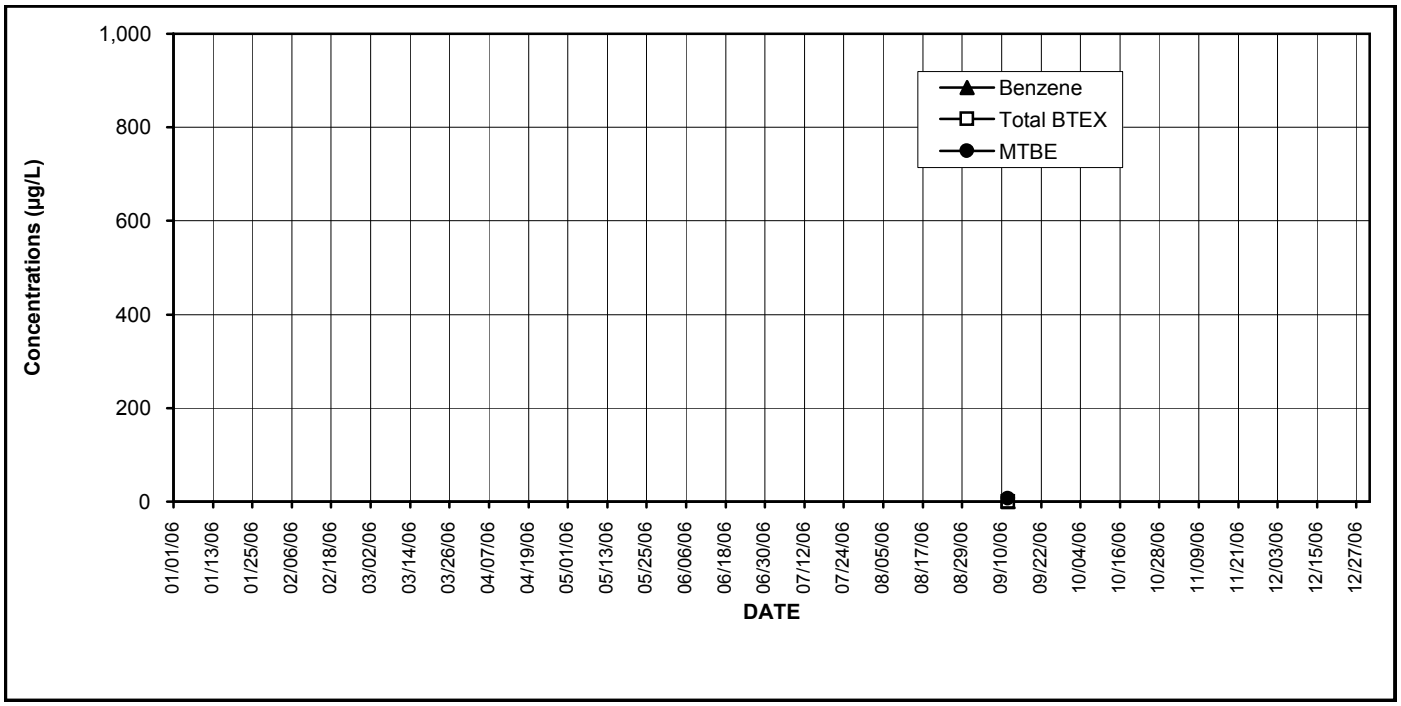


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 TMB	1,2,4 TMB	Naph-thalene
03/21/06	**41.4**	**20.8**	**32.4**	**2.4**	ND<1.0	**6.6**	**2.4**	ND<1.0	ND<1.0
06/23/06	**16.1**	**18.8**	**16.1**	ND<1.0	ND<1.0	ND<3	**2.1**	ND<1.0	ND<1.0
09/12/06	**21.8**	**91.6**	**17.9**	BRL<1.0	**3.9**	BRL<3.0	**2.9**	**1.0**	BRL<1.0
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**	**4**	**5**	**20**

Notes: Results given in micrograms per liter (µg/L)
ND - None detected at indicated detection limit
TBQ- Trace below quantitation limit indicated.
03/29/05 samples collected by ECS and analyzed by Spectrum Analytical, Inc.
VGES - Vermont Groundwater Enforcement Standards
BTEX - Benzene, toluene, ethyl benzene, & xylenes
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
Shaded concentrations exceed VGES.
BRL - Below Reporting Limit

Figure 13. MW-11
VOC Concentrations

Londonderry Citgo
Londonderry, VT

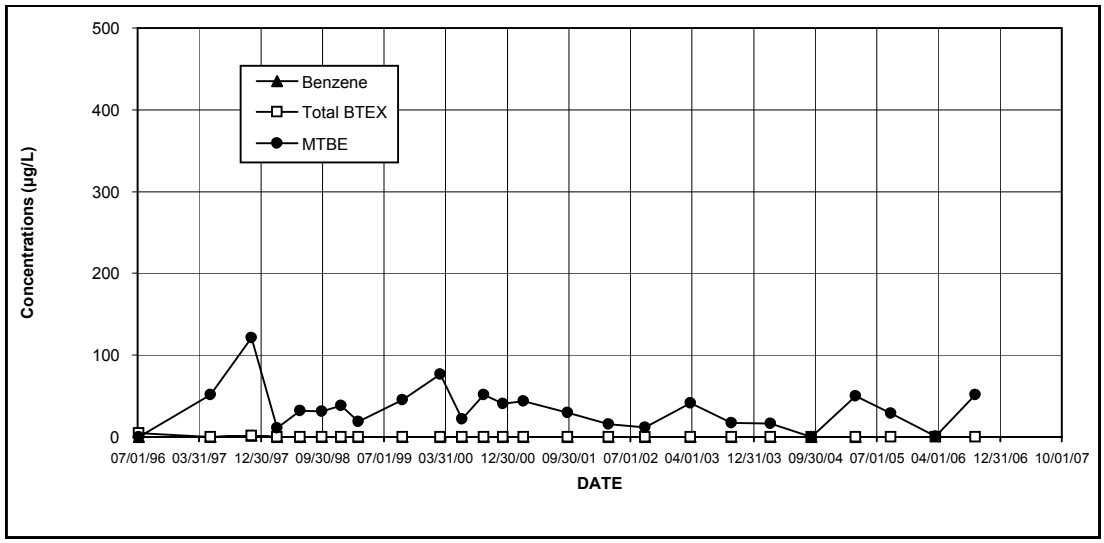


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 TMB	1,2,4 TMB	Naph-thalene
03/21/06	**2.8**	**6.0**	**2.8**	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0
09/12/06	BRL	**6.4**	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**	**4**	**5**	**20**

Notes: Results given in micrograms per liter (µg/L)
ND - None detected at indicated detection limit
TBQ- Trace below quantitation limit indicated.
03/29/05 samples collected by ECS and analyzed by Spectrum Analytical, Inc.
VGES - Vermont Groundwater Enforcement Standards
BTEX - Benzene, toluene, ethyl benzene, & xylenes
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
Shaded concentrations exceed VGES.
BRL - Below reporting Limit

FIGURE 14. MW-S2
VOC Concentrations

Londonderry Citgo
Londonderry, VT

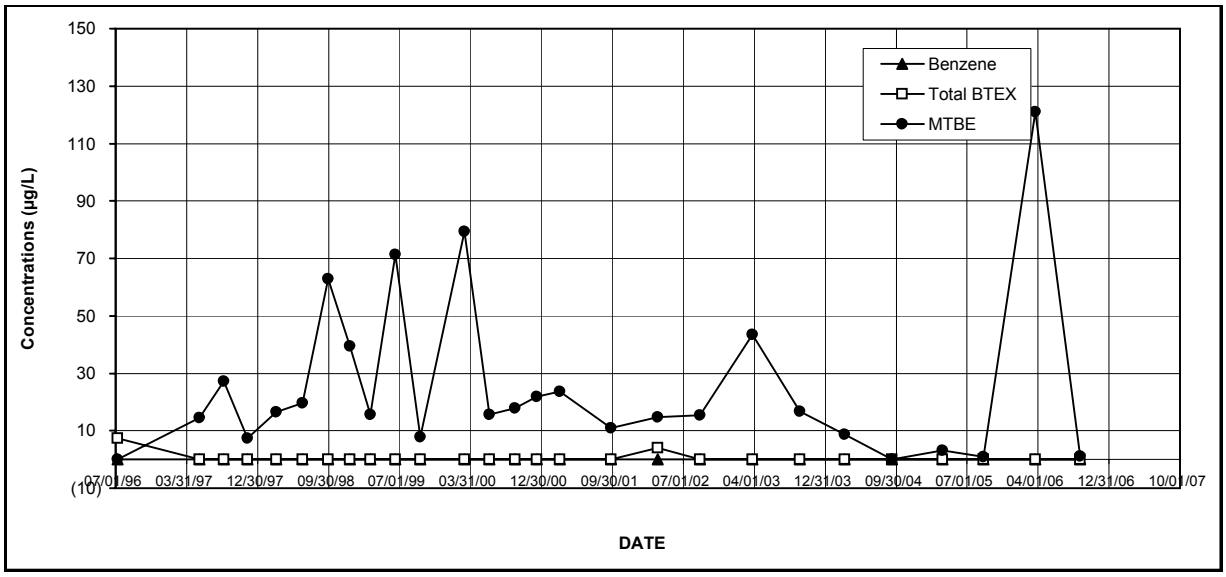


Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 TMB	1,2,4 TMB	Naph-thalene
03/08/00	ND	**76.8**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
06/12/00	ND	**22.0**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
09/19/00	ND	**51.3**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
12/13/00	ND	**40.7**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
03/13/01	ND	**43.9**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
09/25/01	ND	**29.6**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
03/26/02	ND	**15.6**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
09/05/02	ND	**11.6**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
03/27/03	ND	**41.6**	ND <1.0	ND <1.0	ND <1.0	ND <2.0	ND <1.0	ND <1.0	ND <1.0
09/25/03	ND	**17.0**	ND <1.0	ND <1.0	ND <1.0	ND <2.0	ND <1.0	ND <1.0	ND <1.0
03/16/04	ND	**16.5**	ND <1.0	ND <1.0	ND <1.0	ND <2.0	ND <1.0	ND <1.0	ND <1.0
09/14/04	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/29/05	ND	**49.9**	ND <1.0	ND <1.0	ND <1.0	ND <2.0	ND <1.0	ND <1.0	ND <1.0
09/02/05	ND	**29.1**	ND <1.0	ND <1.0	ND <1.0	ND <2.0	ND <1.0	ND <1.0	ND <1.0
03/21/06	ND	**1.0**	ND <1.0	ND <1.0	ND <1.0	ND <2.0	ND <1.0	ND <1.0	ND <1.0
09/12/06	BRL	**51.4**	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<1.0	BRL<1.0	BRL<1.0
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**	**4**	**5**	**20**

Notes: Results given in micrograms per liter (µg/L)
ND- None detected at indicated detection limit.
TBQ - Trace below quantitaion limit indicated
All samples collected by ECS and analyzed by Endyne, Inc.
VGES - Vermont Groundwater Enforcement Standards
BTEX - Benzene, toluene, ethyl benzene, & xylenes
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
Shaded concentrations exceed VGES.
Unable to be located during Dec '99 site visit
BRL - Below Reporting Limit

FIGURE 15. MW-S3
VOC Concentrations

Londonderry Citgo
Londonderry, VT



Date	Total BTEX	MTBE	Benzene	Toluene	Ethyl benzene	Xylenes	1,3,5 TMB	1,2,4 TMB	Naphthalene
03/08/00	ND	**79.4**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
06/12/00	ND	**15.7**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
09/19/00	ND	**17.9**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
12/13/00	ND	**21.8**	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0	ND <1.0
03/13/01	ND	**23.7**	ND <1.0	ND <1.0	ND <1.0	ND<1.0	ND<1.0	ND<1.0	ND <1.0
09/25/01	ND	**10.9**	ND <1.0	ND <1.0	ND <1.0	ND<1.0	ND<1.0	ND<1.0	ND <1.0
03/26/02	**4.1**	**14.7**	ND <1.0	ND <1.0	**1.3**	**2.8**	ND<1.0	ND<1.0	ND <1.0
09/05/02	ND	**15.4**	ND <1.0	ND <1.0	ND <1.0	ND<2.0	ND<1.0	ND<1.0	ND <1.0
03/27/03	ND	**43.5**	ND <1.0	ND <1.0	ND <1.0	ND<2.0	ND<1.0	ND<1.0	ND <1.0
09/25/03	ND	**16.8**	ND <1.0	ND <1.0	ND <1.0	ND<2.0	ND<1.0	ND<1.0	ND <1.0
03/16/04	ND	**8.8**	ND <1.0	ND <1.0	ND <1.0	ND<2.0	ND<1.0	ND<1.0	ND <1.0
09/14/04	NS	NS	NS	NS	NS	NS	NS	NS	NS
03/29/05	ND	**3.1**	ND <1.0	ND <1.0	ND <1.0	ND<2.0	ND<1.0	ND<1.0	ND <1.0
09/02/05	ND	**1.0**	ND <1.0	ND <1.0	ND <1.0	ND<2.0	ND<1.0	ND<1.0	ND <1.0
03/21/06	ND	**121.0**	ND <1.0	ND <1.0	ND <1.0	ND<2.0	ND<1.0	ND<1.0	ND <1.0
09/12/06	BRL	**1.2**	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0	BRL<1.0
VGES	**---**	**40**	**5**	**1,000**	**700**	**10,000**	**4**	**5**	**20**

Notes: Results given in micrograms per liter (µg/L)
ND- None detected at indicated detection limit.
TBQ - Trace below quantitaion limit indicated
All samples collected by ECS and analyzed by Endyne, Inc.
VGES - Vermont Groundwater Enforcement Standards
BTEX - Benzene, toluene, ethyl benzene, & xylenes
MTBE - Methyl tertiary butyl ether
TMB - Trimethyl Benzene
Shaded concentrations exceed VGES.
Unable to be located during Dec '99 site visit
BRL - Below reporting Limit

Report Date:
28-Sep-06 11:56

☑ 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: Mike Doran

Project: Londonderry Citgo - Londonderry, VT
Project 08-205686.00

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA51077-01	MW-6	Ground Water	12-Sep-06 13:20	14-Sep-06 10:20
SA51077-02	MW-52	Ground Water	12-Sep-06 13:25	14-Sep-06 10:20
SA51077-03	Trip	Ground Water	12-Sep-06 08:15	14-Sep-06 10:20
SA51077-04	MW-53	Ground Water	12-Sep-06 13:30	14-Sep-06 10:20
SA51077-05	MW-7	Ground Water	12-Sep-06 13:33	14-Sep-06 10:20
SA51077-06	MW-3	Ground Water	12-Sep-06 13:45	14-Sep-06 10:20
SA51077-07	MW-11	Ground Water	12-Sep-06 13:50	14-Sep-06 10:20
SA51077-08	MW-2R	Ground Water	12-Sep-06 13:55	14-Sep-06 10:20
SA51077-09	MW-10	Ground Water	12-Sep-06 13:55	14-Sep-06 10:20
SA51077-10	MW-1R	Ground Water	12-Sep-06 14:00	14-Sep-06 10:20
SA51077-11	Duplicate	Ground Water	12-Sep-06 14:05	14-Sep-06 10:20
SA51077-12	MW-8	Ground Water	12-Sep-06 14:05	14-Sep-06 10:20
SA51077-13	Thorne-Thompson Eff	Ground Water	12-Sep-06 14:35	14-Sep-06 10:20
SA51077-14	Thorne-Thompson Mid	Ground Water	12-Sep-06 14:38	14-Sep-06 10:20
SA51077-15	Thorne-Thompson Inf	Ground Water	12-Sep-06 14:40	14-Sep-06 10:20
SA51077-16	Mountain Market Place Eff	Ground Water	12-Sep-06 14:45	14-Sep-06 10:20
SA51077-17	Carbon C Mid	Ground Water	12-Sep-06 14:55	14-Sep-06 10:20
SA51077-18	Carbon D Mid	Ground Water	12-Sep-06 14:50	14-Sep-06 10:20
SA51077-19	Mountain Marketplace Inf	Ground Water	12-Sep-06 15:00	14-Sep-06 10:20
SA51077-20	Rogers	Ground Water	12-Sep-06 15:15	14-Sep-06 10:20

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 31 pages of analytical data plus Chain of Custody document(s).

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

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.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-6 SA51077-01	08-205686.00	Ground Water	12-Sep-06 13:20	14-Sep-06

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	15-Sep-06	16-Sep-06	6091014	tim
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*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-52 SA51077-02	08-205686.00	Ground Water	12-Sep-06 13:25	14-Sep-06

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	15-Sep-06	16-Sep-06	6091014	tim
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	51.4		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*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip SA51077-03	08-205686.00	Ground Water	12-Sep-06 08:15	14-Sep-06

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	15-Sep-06	16-Sep-06	6091014	tim
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*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.6*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-53 SA51077-04	08-205686.00	Ground Water	12-Sep-06 13:30	14-Sep-06

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	15-Sep-06	16-Sep-06	6091014	tim
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	1.2		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*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-7 SA51077-05	08-205686.00	Ground Water	12-Sep-06 13:33	14-Sep-06

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	15-Sep-06	16-Sep-06	6091014	tim
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*	*99.0*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-3 SA51077-06	08-205686.00	Ground Water	12-Sep-06 13:45	14-Sep-06

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	15-Sep-06	16-Sep-06	6091014	tim
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*	*98.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.2*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-11 SA51077-07	08-205686.00	Ground Water	12-Sep-06 13:50	14-Sep-06

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	15-Sep-06	16-Sep-06	6091014	tim
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	6.4		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*	*97.2*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*100*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-2R SA51077-08	08-205686.00	Ground Water	12-Sep-06 13:55	14-Sep-06

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	15-Sep-06	16-Sep-06	6091014	tim
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	2.2		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*	*99.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-10 SA51077-09	08-205686.00	Ground Water	12-Sep-06 13:55	14-Sep-06

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	17.9		µg/l	1.0	1	SW846 8260B	15-Sep-06	16-Sep-06	6091014	tim
100-41-4	Ethylbenzene	3.9		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	91.6		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	1.0		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	2.9		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*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.6*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-1R SA51077-10	08-205686.00	Ground Water	12-Sep-06 14:00	14-Sep-06

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	8.5		µg/l	1.0	1	SW846 8260B	15-Sep-06	16-Sep-06	6091014	tim
100-41-4	Ethylbenzene	9.2		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	10.5		µg/l	1.0	1	"	"	"	"	"
91-20-3	Naphthalene	3.3		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	19.5		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	3.2		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	2.9		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98.6*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Duplicate SA51077-11	08-205686.00	Ground Water	12-Sep-06 14:05	14-Sep-06

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	10.4		µg/l	1.0	1	SW846 8260B	15-Sep-06	16-Sep-06	6091014	tim
100-41-4	Ethylbenzene	11.6		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	11.9		µg/l	1.0	1	"	"	"	"	"
91-20-3	Naphthalene	3.9		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	24.8		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	4.1		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	3.8		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99.6*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
MW-8 SA51077-12	08-205686.00	Ground Water	12-Sep-06 14:05	14-Sep-06

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	15-Sep-06	16-Sep-06	6091014	tim
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	16.7		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*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.6*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne-Thompson Eff SA51077-13	08-205686.00	Ground Water	12-Sep-06 14:35	14-Sep-06

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	15-Sep-06	17-Sep-06	6091016	tim
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*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.2*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99.8*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne-Thompson Mid SA51077-14	08-205686.00	Ground Water	12-Sep-06 14:38	14-Sep-06

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	15-Sep-06	17-Sep-06	6091016	tim
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*	*99.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.0*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.4*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne-Thompson Inf	08-205686.00	Ground Water	12-Sep-06 14:40	14-Sep-06
SA51077-15				

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	15-Sep-06	17-Sep-06	6091016	tim
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	34.9		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*	*100*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.4*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.0*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Mountain Market Place Eff	08-205686.00	Ground Water	12-Sep-06 14:45	14-Sep-06
SA51077-16				

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	15-Sep-06	17-Sep-06	6091016	tim
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
Mountain Market Place Eff SA51077-16	08-205686.00	Ground Water	12-Sep-06 14:45	14-Sep-06

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	15-Sep-06	17-Sep-06	6091016	tim
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*	*98.4*		*80-120 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97.2*		*80-120 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*97.4*		*80-120 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*99.4*		*80-120 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Carbon C Mid SA51077-17	08-205686.00	Ground Water	12-Sep-06 14:55	14-Sep-06

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	15-Sep-06	17-Sep-06	6091016	tim
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*	*102*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.8*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Carbon D Mid	08-205686.00	Ground Water	12-Sep-06 14:50	14-Sep-06
SA51077-18				

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	15-Sep-06	17-Sep-06	6091016	tim
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	0.9		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
Carbon D Mid SA51077-18	08-205686.00	Ground Water	12-Sep-06 14:50	14-Sep-06

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	15-Sep-06	17-Sep-06	6091016	tim
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*	*101*		*80-120 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.6*		*80-120 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98.0*		*80-120 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*80-120 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Mountain Marketplace Inf	08-205686.00	Ground Water	12-Sep-06 15:00	14-Sep-06
SA51077-19				

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	14.9		µg/l	10.0	1	EPA 524.2	15-Sep-06	17-Sep-06	6091016	tim
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	22.3		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
Mountain Marketplace Inf SA51077-19	08-205686.00	Ground Water	12-Sep-06 15:00	14-Sep-06

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	15-Sep-06	17-Sep-06	6091016	tim
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	2.1		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*	*99.4*		*80-120 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99.6*		*80-120 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.0*		*80-120 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*80-120 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Rogers SA51077-20	08-205686.00	Ground Water	12-Sep-06 15:15	14-Sep-06

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	15-Sep-06	17-Sep-06	6091016	tim
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	1.4		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*	*99.4*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98.8*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99.2*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*100*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6091014 - SW846 5030 Water MS										
Blank (6091014-BLK1)										
Prepared: 15-Sep-06 Analyzed: 16-Sep-06										
Benzene	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
1,1-Dichloroethene	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						
Trichloroethene	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	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: Toluene-d8	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.0*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*50.5*		µg/l		*50.0*		*101*	*70-130*		
LCS (6091014-BS1)										
Prepared: 15-Sep-06 Analyzed: 16-Sep-06										
Benzene	20.7		µg/l		20.0		104	70-130		
Ethylbenzene	20.8		µg/l		20.0		104	70-130		
Methyl tert-butyl ether	18.6		µg/l		20.0		93.0	70-130		
Naphthalene	19.0		µg/l		20.0		95.0	70-130		
Toluene	19.6		µg/l		20.0		98.0	70-130		
1,2,4-Trimethylbenzene	20.6		µg/l		20.0		103	70-130		
1,3,5-Trimethylbenzene	20.6		µg/l		20.0		103	70-130		
m,p-Xylene	41.6		µg/l		40.0		104	70-130		
o-Xylene	21.0		µg/l		20.0		105	70-130		
Surrogate: 4-Bromofluorobenzene	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.3*		µg/l		*50.0*		*96.6*	*70-130*		
Surrogate: Dibromofluoromethane	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Matrix Spike (6091014-MS1) **Source: SA51077-12**										
Prepared: 15-Sep-06 Analyzed: 16-Sep-06										
Benzene	18.8		µg/l		20.0	0.850	89.8	70-130		
Chlorobenzene	19.4		µg/l		20.0	BRL	97.0	70-130		
1,1-Dichloroethene	11.6	QM-07	µg/l		20.0	BRL	58.0	70-130		
Toluene	18.2		µg/l		20.0	BRL	91.0	70-130		
Trichloroethene	16.3		µg/l		20.0	BRL	81.5	70-130		
Surrogate: 4-Bromofluorobenzene	*50.5*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
Surrogate: Dibromofluoromethane	*51.3*		µg/l		*50.0*		*103*	*70-130*		
Matrix Spike Dup (6091014-MSD1) **Source: SA51077-12**										
Prepared: 15-Sep-06 Analyzed: 16-Sep-06										
Benzene	19.2		µg/l		20.0	0.850	91.8	70-130	2.20	30
Chlorobenzene	19.2		µg/l		20.0	BRL	96.0	70-130	1.04	30
1,1-Dichloroethene	11.6	QM-07	µg/l		20.0	BRL	58.0	70-130	0.00	30
Toluene	18.1		µg/l		20.0	BRL	90.5	70-130	0.551	30
Trichloroethene	16.0		µg/l		20.0	BRL	80.0	70-130	1.86	30
Surrogate: 4-Bromofluorobenzene	*49.4*		µg/l		*50.0*		*98.8*	*70-130*		
Surrogate: Toluene-d8	*49.5*		µg/l		*50.0*		*99.0*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6091016 - SW846 5030 Water MS										
Blank (6091016-BLK1)										
Prepared: 15-Sep-06 Analyzed: 16-Sep-06										
Acetone	BRL		µg/l	10.0						
Acrylonitrile	BRL		µg/l	1.0						
Benzene	BRL		µg/l	0.5						
Benzene	BRL		µg/l	1.0						
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	1.0						
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						
1,1-Dichloroethene	BRL		µg/l	1.0						
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	1.0						
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	1.0						
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	1.0						
Naphthalene	BRL		µg/l	0.5						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6091016 - SW846 5030 Water MS										
Blank (6091016-BLK1)										
Prepared: 15-Sep-06 Analyzed: 16-Sep-06										
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	1.0						
Toluene	BRL		µg/l	0.5						
1,2,3-Trichlorobenzene	BRL		µg/l	0.5						
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	1.0						
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	1.0						
1,2,4-Trimethylbenzene	BRL		µg/l	0.5						
1,3,5-Trimethylbenzene	BRL		µg/l	1.0						
1,3,5-Trimethylbenzene	BRL		µg/l	0.5						
Vinyl chloride	BRL		µg/l	0.5						
m,p-Xylene	BRL		µg/l	2.0						
m,p-Xylene	BRL		µg/l	0.5						
o-Xylene	BRL		µg/l	1.0						
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	*49.9*		µg/l		*50.0*		*99.8*	*70-130*		
Surrogate: 4-Bromofluorobenzene	*49.9*		µg/l		*50.0*		*99.8*	*80-120*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*99.6*	*80-120*		
Surrogate: 1,2-Dichloroethane-d4	*49.3*		µg/l		*50.0*		*98.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.3*		µg/l		*50.0*		*98.6*	*80-120*		
Surrogate: Dibromofluoromethane	*50.3*		µg/l		*50.0*		*101*	*80-120*		
Surrogate: Dibromofluoromethane	*50.3*		µg/l		*50.0*		*101*	*70-130*		
LCS (6091016-BS1)										
Prepared: 15-Sep-06 Analyzed: 16-Sep-06										
Acetone	18.6		µg/l		20.0		93.0	70-130		
Acrylonitrile	17.5		µg/l		20.0		87.5	70-130		
Benzene	20.7		µg/l		20.0		104	80-120		
Benzene	20.7		µg/l		20.0		104	70-130		
Bromobenzene	19.3		µg/l		20.0		96.5	80-120		
Bromochloromethane	19.3		µg/l		20.0		96.5	80-120		
Bromodichloromethane	20.2		µg/l		20.0		101	80-120		
Bromoform	17.3		µg/l		20.0		86.5	80-120		
Bromomethane	17.9		µg/l		20.0		89.5	80-120		
2-Butanone (MEK)	16.3		µg/l		20.0		81.5	70-130		
n-Butylbenzene	19.7		µg/l		20.0		98.5	80-120		
sec-Butylbenzene	20.8		µg/l		20.0		104	80-120		
tert-Butylbenzene	21.1		µg/l		20.0		106	80-120		
Carbon disulfide	19.3		µg/l		20.0		96.5	70-130		
Carbon tetrachloride	22.9		µg/l		20.0		114	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6091016 - SW846 5030 Water MS										
LCS (6091016-BS1)										
Prepared: 15-Sep-06 Analyzed: 16-Sep-06										
Chlorobenzene	20.0		µg/l		20.0		100	80-120		
Chloroethane	20.3		µg/l		20.0		102	80-120		
Chloroform	20.7		µg/l		20.0		104	80-120		
Chloromethane	18.8		µg/l		20.0		94.0	80-120		
2-Chlorotoluene	19.8		µg/l		20.0		99.0	80-120		
4-Chlorotoluene	20.0		µg/l		20.0		100	80-120		
1,2-Dibromo-3-chloropropane	16.2		µg/l		20.0		81.0	80-120		
Dibromochloromethane	22.0		µg/l		20.0		110	80-120		
1,2-Dibromoethane (EDB)	18.8		µg/l		20.0		94.0	80-120		
Dibromomethane	19.1		µg/l		20.0		95.5	80-120		
1,2-Dichlorobenzene	18.7		µg/l		20.0		93.5	80-120		
1,3-Dichlorobenzene	19.3		µg/l		20.0		96.5	80-120		
1,4-Dichlorobenzene	18.3		µg/l		20.0		91.5	80-120		
Dichlorodifluoromethane (Freon12)	17.4		µg/l		20.0		87.0	80-120		
1,1-Dichloroethane	20.4		µg/l		20.0		102	80-120		
1,2-Dichloroethane	19.3		µg/l		20.0		96.5	80-120		
1,1-Dichloroethene	20.8		µg/l		20.0		104	80-120		
cis-1,2-Dichloroethene	19.3		µg/l		20.0		96.5	80-120		
trans-1,2-Dichloroethene	19.8		µg/l		20.0		99.0	80-120		
1,2-Dichloropropane	19.6		µg/l		20.0		98.0	80-120		
1,3-Dichloropropane	18.7		µg/l		20.0		93.5	80-120		
2,2-Dichloropropane	11.8	QC-2	µg/l		20.0		59.0	80-120		
1,1-Dichloropropene	20.7		µg/l		20.0		104	80-120		
cis-1,3-Dichloropropene	17.8		µg/l		20.0		89.0	80-120		
trans-1,3-Dichloropropene	19.1		µg/l		20.0		95.5	80-120		
Ethylbenzene	20.8		µg/l		20.0		104	80-120		
Ethylbenzene	20.8		µg/l		20.0		104	70-130		
Hexachlorobutadiene	18.4		µg/l		20.0		92.0	80-120		
2-Hexanone (MBK)	18.2		µg/l		20.0		91.0	70-130		
Isopropylbenzene	21.0		µg/l		20.0		105	80-120		
4-Isopropyltoluene	19.8		µg/l		20.0		99.0	80-120		
Methyl tert-butyl ether	18.6		µg/l		20.0		93.0	70-130		
Methyl tert-butyl ether	18.6		µg/l		20.0		93.0	80-120		
4-Methyl-2-pentanone (MIBK)	18.9		µg/l		20.0		94.5	70-130		
Methylene chloride	20.4		µg/l		20.0		102	80-120		
Naphthalene	19.0		µg/l		20.0		95.0	80-120		
Naphthalene	19.0		µg/l		20.0		95.0	70-130		
n-Propylbenzene	21.1		µg/l		20.0		106	80-120		
Styrene	20.5		µg/l		20.0		102	80-120		
1,1,1,2-Tetrachloroethane	19.4		µg/l		20.0		97.0	80-120		
1,1,2,2-Tetrachloroethane	18.2		µg/l		20.0		91.0	80-120		
Tetrachloroethene	20.7		µg/l		20.0		104	80-120		
Toluene	19.6		µg/l		20.0		98.0	70-130		
Toluene	19.6		µg/l		20.0		98.0	80-120		
1,2,3-Trichlorobenzene	18.9		µg/l		20.0		94.5	80-120		
1,2,4-Trichlorobenzene	18.5		µg/l		20.0		92.5	80-120		
1,1,1-Trichloroethane	20.9		µg/l		20.0		104	80-120		
1,1,2-Trichloroethane	19.5		µg/l		20.0		97.5	80-120		
Trichloroethene	21.3		µg/l		20.0		106	80-120		
Trichlorofluoromethane (Freon 11)	20.3		µg/l		20.0		102	80-120		
1,2,3-Trichloropropane	18.5		µg/l		20.0		92.5	80-120		
1,2,4-Trimethylbenzene	20.6		µg/l		20.0		103	70-130		
1,2,4-Trimethylbenzene	20.6		µg/l		20.0		103	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6091016 - SW846 5030 Water MS										
LCS (6091016-BS1)										
Prepared: 15-Sep-06 Analyzed: 16-Sep-06										
1,3,5-Trimethylbenzene	20.6		µg/l		20.0		103	70-130		
1,3,5-Trimethylbenzene	20.6		µg/l		20.0		103	80-120		
Vinyl chloride	20.2		µg/l		20.0		101	80-120		
m,p-Xylene	41.6		µg/l		40.0		104	70-130		
m,p-Xylene	41.6		µg/l		40.0		104	80-120		
o-Xylene	21.0		µg/l		20.0		105	70-130		
o-Xylene	21.0		µg/l		20.0		105	80-120		
Tetrahydrofuran	18.0		µg/l		20.0		90.0	70-130		
Tert-amyl methyl ether	17.5		µg/l		20.0		87.5	70-130		
Ethyl tert-butyl ether	18.5		µg/l		20.0		92.5	70-130		
Di-isopropyl ether	20.0		µg/l		20.0		100	70-130		
Tert-Butanol / butyl alcohol	176		µg/l		200		88.0	70-130		
Surrogate: 4-Bromofluorobenzene	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 4-Bromofluorobenzene	*50.6*		µg/l		*50.0*		*101*	*80-120*		
Surrogate: Toluene-d8	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/l		*50.0*		*99.4*	*80-120*		
Surrogate: 1,2-Dichloroethane-d4	*48.3*		µg/l		*50.0*		*96.6*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*48.3*		µg/l		*50.0*		*96.6*	*80-120*		
Surrogate: Dibromofluoromethane	*49.2*		µg/l		*50.0*		*98.4*	*80-120*		
Surrogate: Dibromofluoromethane	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Matrix Spike (6091016-MS1) **Source: SA51077-13**										
Prepared: 15-Sep-06 Analyzed: 17-Sep-06										
Benzene	18.2		µg/l		20.0	BRL	91.0	80-120		
Benzene	18.2		µg/l		20.0	BRL	91.0	70-130		
Chlorobenzene	19.1		µg/l		20.0	BRL	95.5	70-130		
Chlorobenzene	19.1		µg/l		20.0	BRL	95.5	80-120		
1,1-Dichloroethene	11.6	QM-07	µg/l		20.0	BRL	58.0	80-120		
1,1-Dichloroethene	11.6	QM-07	µg/l		20.0	BRL	58.0	70-130		
Toluene	18.1		µg/l		20.0	BRL	90.5	70-130		
Toluene	18.1		µg/l		20.0	BRL	90.5	80-120		
Trichloroethene	15.9	QM-07	µg/l		20.0	BRL	79.5	80-120		
Trichloroethene	15.9		µg/l		20.0	BRL	79.5	70-130		
Surrogate: 4-Bromofluorobenzene	*50.6*		µg/l		*50.0*		*101*	*80-120*		
Surrogate: 4-Bromofluorobenzene	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99.2*	*70-130*		
Surrogate: Toluene-d8	*49.6*		µg/l		*50.0*		*99.2*	*80-120*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/l		*50.0*		*98.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.2*		µg/l		*50.0*		*98.4*	*80-120*		
Surrogate: Dibromofluoromethane	*50.1*		µg/l		*50.0*		*100*	*80-120*		
Surrogate: Dibromofluoromethane	*50.1*		µg/l		*50.0*		*100*	*70-130*		
Matrix Spike Dup (6091016-MSD1) **Source: SA51077-13**										
Prepared: 15-Sep-06 Analyzed: 17-Sep-06										
Benzene	17.9		µg/l		20.0	BRL	89.5	70-130	1.66	30
Benzene	17.9		µg/l		20.0	BRL	89.5	80-120	1.66	20
Chlorobenzene	19.1		µg/l		20.0	BRL	95.5	70-130	0.00	30
Chlorobenzene	19.1		µg/l		20.0	BRL	95.5	80-120	0.00	20
1,1-Dichloroethene	11.7	QM-07	µg/l		20.0	BRL	58.5	80-120	0.858	20
1,1-Dichloroethene	11.7	QM-07	µg/l		20.0	BRL	58.5	70-130	0.858	30
Toluene	18.4		µg/l		20.0	BRL	92.0	80-120	1.64	20
Toluene	18.4		µg/l		20.0	BRL	92.0	70-130	1.64	30
Trichloroethene	16.3		µg/l		20.0	BRL	81.5	70-130	2.48	30
Trichloroethene	16.3		µg/l		20.0	BRL	81.5	80-120	2.48	20
Surrogate: 4-Bromofluorobenzene	*50.2*		µg/l		*50.0*		*100*	*80-120*		
Surrogate: 4-Bromofluorobenzene	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 6091016 - SW846 5030 Water MS										
Matrix Spike Dup (6091016-MSD1) Source: SA51077-13										
Prepared: 15-Sep-06 Analyzed: 17-Sep-06										
Surrogate: Toluene-d8	*50.4*		µg/l		*50.0*		*101*	*80-120*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99.4*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.7*		µg/l		*50.0*		*99.4*	*80-120*		
Surrogate: Dibromofluoromethane	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*51.0*		µg/l		*50.0*		*102*	*80-120*		

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 samples prior to analysis. Percent recoveries are calculated for each surrogate.

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

SAS1077 mg

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 2

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
65 MILLER ST. SUITE 301
RICHMOND, VT 05477

Project Mgr.: MIKE DORAN

Invoice To: →

P.O. No.: _____ RQN: _____

Project No.: 08-205686.00
Site Name: LONDONDERRY CITGO
Location: LONDONDERRY State: VT
Sampler(s): MIKE DORAN / JEFF GIRARD

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

Containers:

Analyses:

QA Reporting Notes:
(check if needed)
- ☐ Provide MA DEP MCP CAM Report
- ☐ Provide CT DPH RCP Report

QA/QC Reporting Level
☐ Standard ☐ No QC
☐ Other _____

State specific reporting standards: _____

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Preservative	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	8260 VT Sml							
SAS1077-01	MW-6	9/12/06	1320	G	GW	2	3				X							
02	MW-52		1325															
03	TRIP		0815															
04	MW-53		1370															
05	MW-7		1335															
06	MW-3		1345															
07	MW-11		1350				1											
08	MW-2R		1355															
09	MW-10		1355															
10	MW-1R		1400															

☐ Fax results when available to (____) _____
☑ E-mail to mdoran@ecsconsult.com
EDD Format _____
Condition upon receipt: ☑ Iced ☐ Ambient ☐ °C 5.5

Relinquished by:	Received by:	Date:	Time:
[signature]		9/13/06	15:00
fed Ex	Liz Welch	9-14-06	10:20am

SAS1077

SPECTRUM ANALYTICAL, INC.
Featuring
HANNIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 2 of 2

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
65 MILLER ST. SUITE 301
RICHMOND, VT 05477

Project Mgr.: MIKE DORAN

Invoice To: _____

P.O. No.: _____ RQN: _____

Project No.: 08-205686.00
Site Name: LONDONDERRY CITGO
Location: LONDONDERRY State: VT
Sampler(s): MIKE DORAN / JEFF GIRARD

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: 8021 VT SUB	524.2	QA Reporting Notes: (check if needed)
SAS1077-11	DUPLICATE	9/12/06	1405	G	GW	2	3				X		☐ Provide MA DEP MCP CAM Report ☐ Provide CT DPH RCP Report **QA/QC Reporting Level** ☐ Standard ☐ No QC ☐ Other _____ State specific reporting standards:
12	MW-8		1405										
13	THORNE-THOMSEN EFF		1435										
14	THORNE-THOMSEN MID		1458										
15	THORNE-THOMSEN INF		1440										
16	MANCHAUG MARKETPLACE EFF		1445									X	
17	CARBON C MID		1455								X		
18	CARBON D MID		1450									X	
19	MANCHAUG MARKETPLACE INF		1500									X	
20	ROGERS		1515								X		

☐ Fax results when available to (____) _____
☑ E-mail to mdoran@ecsconsult.com
EDD Format _____

Condition upon receipt: ~~☑ Iced~~ ☐ Ambient ~~☑~~ °C 5.5

Relinquished by:	Received by:	Date:	Time:
[signature]		9/13/06	15:00
Fed Ex	Liz Welch	9-14-06	10:30am