15 January 2007
File No. 08-205686.00

Ms. Rose Bache
Rice Oil Company, Inc.
P.O. Box 1497
34 Montague City Road
Greenfield, Massachusetts 01301

Re: Winter 2007 Quarterly Sampling Letter Report
Londonderry Citgo, Londonderry, Vermont
(VT DEC Site No. 96-2015)

Dear Ms. Bache:

Enclosed are the quarterly results for the Londonderry Citgo winter 2007 quarterly sampling event conducted by Environmental Compliance Services, Inc. (ECS) on 6 December 2007. The event included sampling of the Main Supply Well point of entry treatment (POET) system for the Mountain Marketplace Shopping Center, the Thorne-Thompson residential 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 7 March 2007.

SAMPLING RESULTS – SUPPLY WELLS

The influent sample collected from the Main Supply Well POET system for the Mountain Marketplace Shopping Center contained 11.3 micrograms per liter (µg/L) methyl tert butyl ether (MTBE) and 1.2 µg/L tert amyl methyl ether (TAME). MTBE was not detected in the two midpoint samples, but it was detected at a concentration of 0.6 in the effluent sample. The concentrations of MTBE detected in the Main Supply Well POET system are below the Vermont Health Advisory (VHA) limit of 40 µg/L. The VHA has not established an advisory concentration for TAME. Analytical results are summarized in Table 1 and the complete laboratory report is attached.

MTBE was detected in the influent (8.6 µg/L), midpoint (32.0 µg/L), and effluent (31.0 µg/L) samples from the Thorne-Thompson POET system. No other target compounds were detected in the samples from the Thorne-Thompson POET system.

The Rogers residential supply well was sampled with no target compounds being detected.

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 procedures in an ice-filled cooler to Spectrum Analytical, Inc. of Agawam, Massachusetts, where they were analyzed for the possible presence of volatile organic compounds by EPA Method 524.2 for the Mountain Marketplace Main Supply Well Influent, Effluent, and Midpoint C, and by EPA Method 8021B for Midpoint F. The Thorne-Thompson POET system and the Rogers residential supply well were sampled by EPA Method 8021B.

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 the Rogers supply well (designated as Duplicate) were within the EPA recommended relative percent difference for field duplicate samples.

Conclusions and Recommendations

Based on the data summarized above and a telephone conversation with Mr. Tim Cropley with the VT DEC, ECS recommends the following:

- Changing the effluent carbon unit for the Main Supply Well POET system for the Mountain Marketplace, as low levels of MTBE were detected in the effluent sample.

- Changing all carbon units for the Thorne-Thompson POET system as MTBE was detected in influent, midpoint, and effluent samples.

- Continued quarterly sampling and reporting for 2008.

Please feel free to contact me at (802)434-4500 if you have any questions or concerns regarding the enclosed information.

Sincerely,
ENVIRONMENTAL COMPLIANCE SERVICES, INC.

Elizabeth K. Erickson
Project Scientist

Thomas P. Murphy
Senior Scientist

Attachments:

Table 1. Treatment System and Supply Well Summary with QA/QC

Figure 1. Site Location Map
Figure 1a. Residential Supply Well Location Map

Laboratory Report

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

Table 1
Treatment System and Supply Well Summary and QA/QC Results

Londonderry Citgo
Londonderry, Vermont

Monitoring Date: 19 September 2007

Supply Well	Total BTEX	MTBE	TAME	Benzene	Toluene	Ethyl Benzene	Xylenes	Total TMB	Naphthalene	EDB	1,2-DCA
Shopping Center Main - Influent	BRL	**11.9**	**0.8**	BRL<0.5	BRL<0.5	BRL<0.5	BRL<1.0	BRL<1.0	BRL<0.5	BRL<0.01	BRL<0.5
Shopping Center Main - Mid B	BRL	BRL<0.5	BRL<0.5	BRL<0.5	BRL<0.5	BRL<0.5	BRL<0.5	BRL<0.5	BRL<0.5	BRL<0.01	BRL<0.5
Shopping Center Main - Mid G	BRL	BRL<1.0	--	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<2.0	BRL<1.0	BRL< 0.01	BRL<1.0
Shopping Center Main - Effluent	BRL	BRL<0.5	BRL<0.5	BRL<0.5	BRL<0.5	BRL<0.5	BRL<1.0	BRL<1.0	BRL<0.5	BRL<0.01	BRL<0.5
Thorne-Thomsen - Influent	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Thorne-Thomsen - Mid	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Thorne-Thomsen - Effluent	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Rogers	BRL	BRL<1.0	--	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<2.0	BRL<1.0	BRL<0.01	BRL<1.0
QA/QC											
Trip Blank	BRL	BRL<1.0	--	BRL<1.0	BRL<1.0	BRL<1.0	BRL<3.0	BRL<2.0	BRL<1.0	BRL<1.0	BRL<1.0
MW-10	33.4	36.6	--	27.1	BRL<1.0	1.4	4.9	12.2	BRL<1.0	BRL<0.01	BRL<1.0
Duplicate (Rogers)	32.7	34.2	--	26.3	BRL<1.0	1.5	4.9	12.5	BRL<1.0	BRL<1.0	BRL<1.0
Difference	2.1%	6.6%	--	3.0%	--	7.1%	0.0%	2.4%	--	--	--
MCL	**--**	**--**	**--**	***5***	***1,000***	***700***	***10,000***	**--**	**--**	***0.05***	***5***
VHA	**--**	***40***	**--**	**--**	**--**	**--**	**--**	***350****	***20***	**--**	**--**
VAL	**--**	**--**	**--**	***1***	**--**	**--**	**--**	**--**	**--**	**--**	***0.5***

Notes:

Results given in micrograms per liter (µg/L).

NS - Not Sampled

BRL - Below indicated reporting limit

* Effective on 2/28/07, TMB enforcement standards increased to 350 µg/L total 1,2,4,TMB and 1,3,5,TMB

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

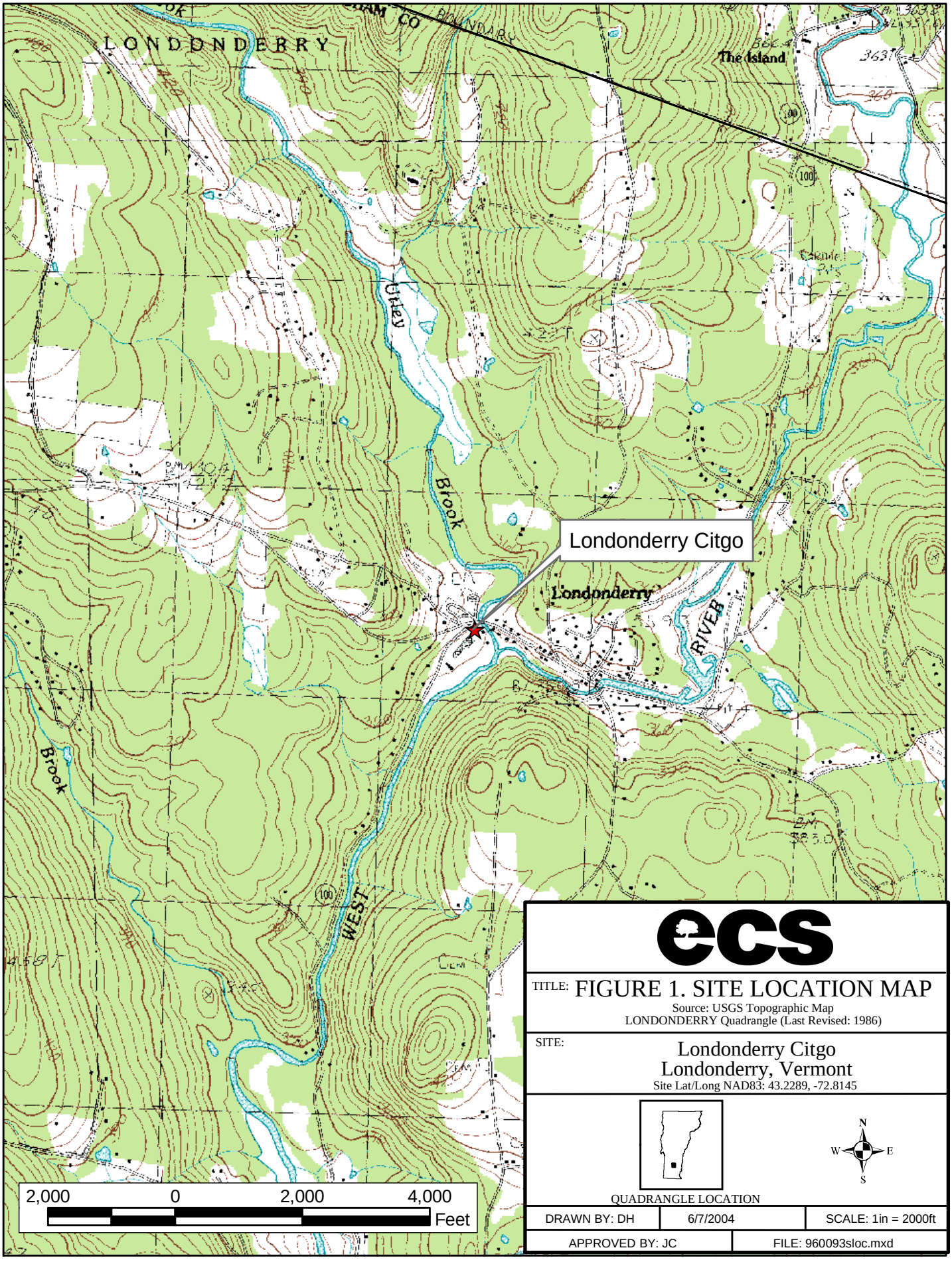
VAL-Vermont Action Levels for eight chemicals of specific health concern in public water systems, established by the Vermont Dept. of Health.

Shopping Center Samples Influent, Mid B, and Effluent analyzed by EPA Method 524.2

Shopping Center sample Mid G, supply well sample Rogers, MW-10 and its Duplicate analyzed by EPA Method 8021B

All samples (with the exception of Duplicate and Trip) were also analyzed by EPA Method 504.

Thorne-Thomsen residential POET system not accessible on 9/21/2007



ecs

TITLE: FIGURE 1. SITE LOCATION MAP

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

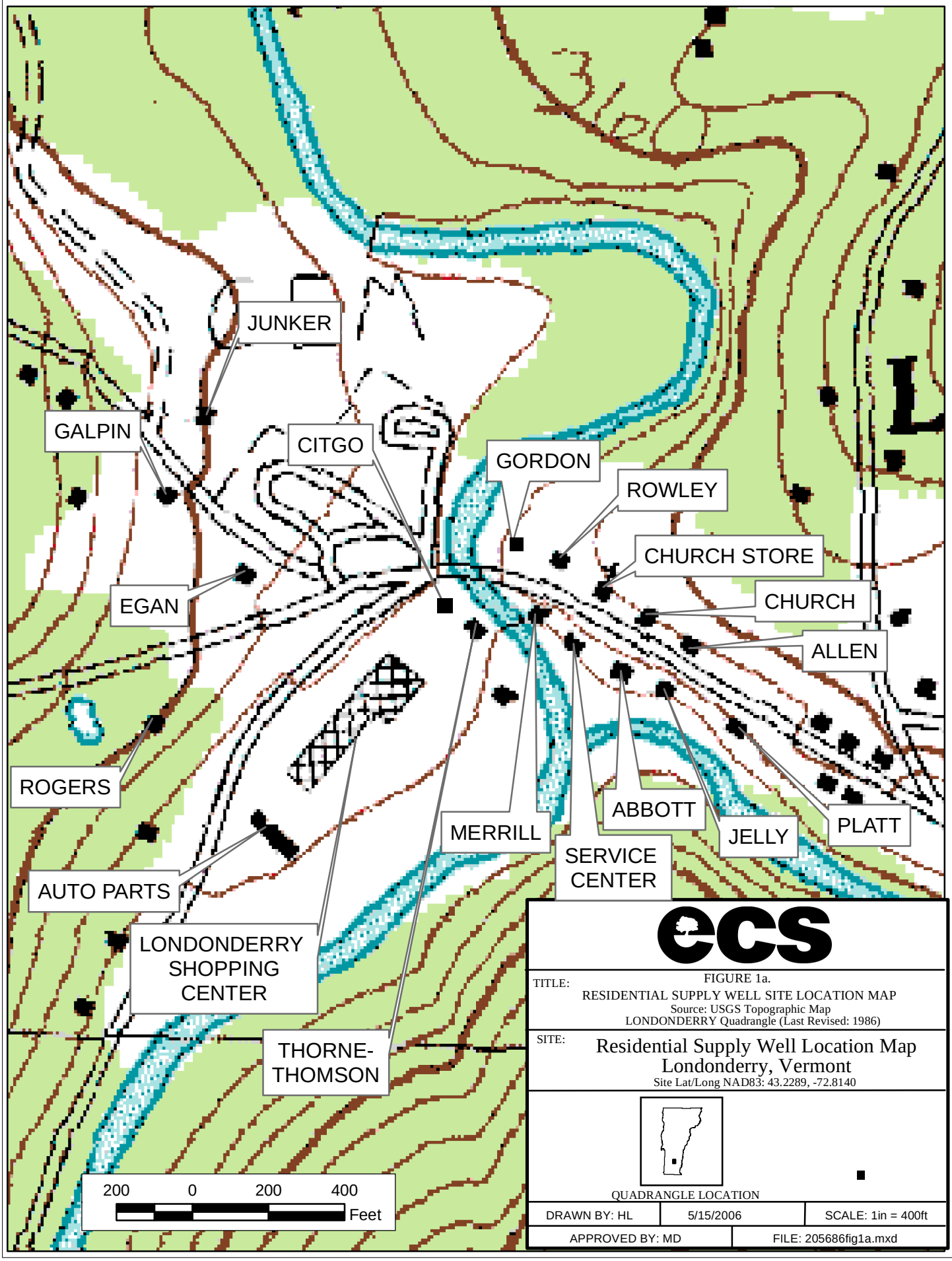
SITE:

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



ecs

TITLE: FIGURE 1a.
RESIDENTIAL SUPPLY WELL SITE LOCATION MAP
Source: USGS Topographic Map
LONDONDERRY Quadrangle (Last Revised: 1986)

SITE: Residential Supply Well Location Map
Londonderry, Vermont
Site Lat/Long NAD83: 43.2289, -72.8140

QUADRANGLE LOCATION

DRAWN BY: HL	5/15/2006	SCALE: 1in = 400ft
APPROVED BY: MD		FILE: 205686fig1a.mxd

Report Date:
18-Dec-07 16:18

☑ 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: Beth Erickson

Project: Londonderry Citgo - Londonderry, VT
Project 08-205686

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA72087-01	Main Influent	Drinking Water	06-Dec-07 11:00	07-Dec-07 10:50
SA72087-02	Main Midpoint 8021	Drinking Water	06-Dec-07 10:50	07-Dec-07 10:50
SA72087-03	Main Midpoint 524	Drinking Water	06-Dec-07 10:40	07-Dec-07 10:50
SA72087-04	Main Effluent	Drinking Water	06-Dec-07 10:20	07-Dec-07 10:50
SA72087-05	Thorne-Thompson Influent	Drinking Water	06-Dec-07 11:20	07-Dec-07 10:50
SA72087-06	Thorne-Thompson Midpoint	Drinking Water	06-Dec-07 11:15	07-Dec-07 10:50
SA72087-07	Thorne-Thompson Effluent	Drinking Water	06-Dec-07 11:10	07-Dec-07 10:50
SA72087-08	Rogers	Drinking Water	06-Dec-07 12:00	07-Dec-07 10:50
SA72087-09	Duplicate	Drinking Water	06-Dec-07 00:00	07-Dec-07 10:50
SA72087-10	Trip Blank	Aqueous	06-Dec-07 00:00	07-Dec-07 10:50

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 22 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

Technical Reviewer's Initial:

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 or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NH-2972, NY-11840, FL-E87936 and NJ-MA012).

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Main Influent	08-205686	Drinking Water	06-Dec-07 11:00	07-Dec-07
SA72087-01				

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											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	0.5	1	EPA 524.2	13-Dec-07	13-Dec-07	7120891	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
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	11.3	V11	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	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Main Influent SA72087-01	08-205686	Drinking Water	06-Dec-07 11:00	07-Dec-07

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											
100-42-5	Styrene	BRL		µg/l	0.5	1	EPA 524.2	13-Dec-07	13-Dec-07	7120891	ek
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
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	1.2	V11	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*	*94*		*80-120 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*80-120 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98*		*80-120 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*80-120 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Main Midpoint 8021 SA72087-02	08-205686	Drinking Water	06-Dec-07 10:50	07-Dec-07

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	12-Dec-07	13-Dec-07	7120812	eq
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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*	*105*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*97*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*96*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*98*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Main Midpoint 524	08-205686	Drinking Water	06-Dec-07 10:40	07-Dec-07
SA72087-03				

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											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	0.5	1	EPA 524.2	13-Dec-07	13-Dec-07	7120891	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
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	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Main Midpoint 524	08-205686	Drinking Water	06-Dec-07 10:40	07-Dec-07
SA72087-03				

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											
100-42-5	Styrene	BRL		µg/l	0.5	1	EPA 524.2	13-Dec-07	13-Dec-07	7120891	ek
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
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*	*97*		*80-120 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*80-120 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*80-120 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*80-120 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Main Effluent	08-205686	Drinking Water	06-Dec-07 10:20	07-Dec-07
SA72087-04				

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											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon	BRL		µg/l	0.5	1	EPA 524.2	13-Dec-07	14-Dec-07	7120891	ek
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
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	0.6		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	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Main Effluent SA72087-04	08-205686	Drinking Water	06-Dec-07 10:20	07-Dec-07

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											
100-42-5	Styrene	BRL		µg/l	0.5	1	EPA 524.2	13-Dec-07	14-Dec-07	7120891	ek
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
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*	*94*		*80-120 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*98*		*80-120 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*103*		*80-120 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*80-120 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne-Thompson Influent	08-205686	Drinking Water	06-Dec-07 11:20	07-Dec-07
SA72087-05				

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	12-Dec-07	13-Dec-07	7120812	eq
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	8.6		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	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*	*107*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*99*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne-Thompson Midpoint SA72087-06	08-205686	Drinking Water	06-Dec-07 11:15	07-Dec-07

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	12-Dec-07	13-Dec-07	7120812	eq
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	32.0		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*	*103*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Thorne-Thompson Effluent SA72087-07	08-205686	Drinking Water	06-Dec-07 11:10	07-Dec-07

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	12-Dec-07	13-Dec-07	7120812	eq
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	31.0		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*	*103*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*99*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*97*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*94*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Rogers SA72087-08	08-205686	Drinking Water	06-Dec-07 12:00	07-Dec-07

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	12-Dec-07	12-Dec-07	7120848	JLD
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*105*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*104*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Duplicate SA72087-09	08-205686	Drinking Water	06-Dec-07 00:00	07-Dec-07

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	12-Dec-07	12-Dec-07	7120848	JLD
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*108*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Trip Blank SA72087-10	08-205686	Aqueous	06-Dec-07 00:00	07-Dec-07

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	12-Dec-07	12-Dec-07	7120848	JLD
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
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*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*102*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*106*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*		*70-130 %*			"	"	"	"	"

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7120812 - SW846 5030 Water MS										
Blank (7120812-BLK1)										
Prepared & Analyzed: 12-Dec-07										
Benzene	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
1,2-Dichloroethane	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	*30.3*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*28.7*		µg/l		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.4*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/l		*30.0*		*102*	*70-130*		
LCS (7120812-BS1)										
Prepared & Analyzed: 12-Dec-07										
Benzene	18.1		µg/l		20.0		91	70-130		
1,2-Dibromoethane (EDB)	18.9		µg/l		20.0		94	70-130		
1,2-Dichloroethane	18.9		µg/l		20.0		94	70-130		
Ethylbenzene	19.7		µg/l		20.0		98	70-130		
Methyl tert-butyl ether	18.2		µg/l		20.0		91	70-130		
Naphthalene	20.0		µg/l		20.0		100	70-130		
Toluene	18.6		µg/l		20.0		93	70-130		
1,2,4-Trimethylbenzene	20.6		µg/l		20.0		103	70-130		
1,3,5-Trimethylbenzene	19.6		µg/l		20.0		98	70-130		
m,p-Xylene	39.3		µg/l		40.0		98	70-130		
o-Xylene	20.6		µg/l		20.0		103	70-130		
Surrogate: 4-Bromofluorobenzene	*33.2*		µg/l		*30.0*		*111*	*70-130*		
Surrogate: Toluene-d8	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.0*		µg/l		*30.0*		*96*	*70-130*		
Surrogate: Dibromofluoromethane	*30.0*		µg/l		*30.0*		*100*	*70-130*		
LCS Dup (7120812-BSD1)										
Prepared & Analyzed: 12-Dec-07										
Benzene	18.6		µg/l		20.0		93	70-130	2	30
1,2-Dibromoethane (EDB)	17.2		µg/l		20.0		86	70-130	9	25
1,2-Dichloroethane	18.2		µg/l		20.0		91	70-130	4	25
Ethylbenzene	18.3		µg/l		20.0		92	70-130	7	30
Methyl tert-butyl ether	18.2		µg/l		20.0		91	70-130	0.06	30
Naphthalene	18.3		µg/l		20.0		91	70-130	9	30
Toluene	18.4		µg/l		20.0		92	70-130	1	30
1,2,4-Trimethylbenzene	18.9		µg/l		20.0		95	70-130	8	30
1,3,5-Trimethylbenzene	18.0		µg/l		20.0		90	70-130	9	30
m,p-Xylene	37.4		µg/l		40.0		94	70-130	5	30
o-Xylene	19.3		µg/l		20.0		96	70-130	7	30
Surrogate: 4-Bromofluorobenzene	*30.3*		µg/l		*30.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*28.8*		µg/l		*30.0*		*96*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7120812 - SW846 5030 Water MS										
LCS Dup (7120812-BSD1)										
Prepared & Analyzed: 12-Dec-07										
Surrogate: 1,2-Dichloroethane-d4	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*29.6*		µg/l		*30.0*		*99*	*70-130*		
Matrix Spike (7120812-MS1) **Source: SA72086-01**										
Prepared: 12-Dec-07 Analyzed: 13-Dec-07										
Benzene	17.5		µg/l		20.0	BRL	88	70-130		
Chlorobenzene	19.4		µg/l		20.0	BRL	97	70-130		
1,1-Dichloroethene	17.4		µg/l		20.0	BRL	87	70-130		
Toluene	17.6		µg/l		20.0	BRL	88	70-130		
Trichloroethene	16.3		µg/l		20.0	BRL	82	70-130		
Surrogate: 4-Bromofluorobenzene	*32.1*		µg/l		*30.0*		*107*	*70-130*		
Surrogate: Toluene-d8	*29.0*		µg/l		*30.0*		*97*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*28.1*		µg/l		*30.0*		*94*	*70-130*		
Surrogate: Dibromofluoromethane	*28.6*		µg/l		*30.0*		*95*	*70-130*		
Matrix Spike Dup (7120812-MSD1) **Source: SA72086-01**										
Prepared: 12-Dec-07 Analyzed: 13-Dec-07										
Benzene	18.7		µg/l		20.0	BRL	94	70-130	7	30
Chlorobenzene	20.4		µg/l		20.0	BRL	102	70-130	5	30
1,1-Dichloroethene	17.8		µg/l		20.0	BRL	89	70-130	2	30
Toluene	18.5		µg/l		20.0	BRL	92	70-130	5	30
Trichloroethene	17.8		µg/l		20.0	BRL	89	70-130	8	30
Surrogate: 4-Bromofluorobenzene	*31.1*		µg/l		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*30.1*		µg/l		*30.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*29.4*		µg/l		*30.0*		*98*	*70-130*		
Surrogate: Dibromofluoromethane	*30.6*		µg/l		*30.0*		*102*	*70-130*		
Batch 7120848 - SW846 5030 Water MS										
Blank (7120848-BLK1)										
Prepared & Analyzed: 12-Dec-07										
Benzene	BRL		µg/l	1.0						
Chlorobenzene	BRL		µg/l	1.0						
1,2-Dibromoethane (EDB)	BRL		µg/l	1.0						
1,2-Dichloroethane	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	*45.2*		µg/l		*50.0*		*90*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.5*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*53.3*		µg/l		*50.0*		*107*	*70-130*		
LCS (7120848-BS1)										
Prepared & Analyzed: 12-Dec-07										
Benzene	21.7		µg/l		20.0		109	70-130		
1,2-Dibromoethane (EDB)	20.1		µg/l		20.0		100	70-130		
1,2-Dichloroethane	20.1		µg/l		20.0		100	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7120848 - SW846 5030 Water MS										
LCS (7120848-BS1)										
Prepared & Analyzed: 12-Dec-07										
Ethylbenzene	21.6		µg/l		20.0		108	70-130		
Methyl tert-butyl ether	19.5		µg/l		20.0		98	70-130		
Naphthalene	20.0		µg/l		20.0		100	70-130		
Toluene	20.5		µg/l		20.0		103	70-130		
1,2,4-Trimethylbenzene	21.5		µg/l		20.0		108	70-130		
1,3,5-Trimethylbenzene	21.4		µg/l		20.0		107	70-130		
m,p-Xylene	46.2		µg/l		40.0		116	70-130		
o-Xylene	22.6		µg/l		20.0		113	70-130		
Surrogate: 4-Bromofluorobenzene	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/l		*50.0*		*100*	*70-130*		
LCS Dup (7120848-BSD1)										
Prepared & Analyzed: 12-Dec-07										
Benzene	21.0		µg/l		20.0		105	70-130	3	30
1,2-Dibromoethane (EDB)	19.8		µg/l		20.0		99	70-130	1	25
1,2-Dichloroethane	20.0		µg/l		20.0		100	70-130	0.7	25
Ethylbenzene	20.8		µg/l		20.0		104	70-130	4	30
Methyl tert-butyl ether	19.3		µg/l		20.0		96	70-130	1	30
Naphthalene	18.6		µg/l		20.0		93	70-130	8	30
Toluene	20.0		µg/l		20.0		100	70-130	3	30
1,2,4-Trimethylbenzene	20.2		µg/l		20.0		101	70-130	6	30
1,3,5-Trimethylbenzene	20.9		µg/l		20.0		104	70-130	2	30
m,p-Xylene	44.0		µg/l		40.0		110	70-130	5	30
o-Xylene	22.4		µg/l		20.0		112	70-130	0.9	30
Surrogate: 4-Bromofluorobenzene	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: Toluene-d8	*50.3*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*49.5*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Dibromofluoromethane	*50.6*		µg/l		*50.0*		*101*	*70-130*		
Matrix Spike (7120848-MS1) **Source: SA71987-04**										
Prepared & Analyzed: 12-Dec-07										
Benzene	19.2		µg/l		20.0	BRL	96	70-130		
Chlorobenzene	20.8		µg/l		20.0	BRL	104	70-130		
1,1-Dichloroethene	20.9		µg/l		20.0	BRL	104	70-130		
Toluene	19.9		µg/l		20.0	BRL	100	70-130		
Trichloroethene	19.9		µg/l		20.0	BRL	100	70-130		
Surrogate: 4-Bromofluorobenzene	*45.3*		µg/l		*50.0*		*91*	*70-130*		
Surrogate: Toluene-d8	*49.8*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*52.3*		µg/l		*50.0*		*105*	*70-130*		
Surrogate: Dibromofluoromethane	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Matrix Spike Dup (7120848-MSD1) **Source: SA71987-04**										
Prepared & Analyzed: 12-Dec-07										
Benzene	19.3		µg/l		20.0	BRL	97	70-130	0.5	30
Chlorobenzene	21.6		µg/l		20.0	BRL	108	70-130	4	30
1,1-Dichloroethene	21.5		µg/l		20.0	BRL	107	70-130	3	30
Toluene	20.8		µg/l		20.0	BRL	104	70-130	4	30
Trichloroethene	20.2		µg/l		20.0	BRL	101	70-130	1	30
Surrogate: 4-Bromofluorobenzene	*45.1*		µg/l		*50.0*		*90*	*70-130*		
Surrogate: Toluene-d8	*49.7*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*50.9*		µg/l		*50.0*		*102*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7120891 - SW846 5030 Water MS										
Blank (7120891-BLK1)										
Prepared & Analyzed: 13-Dec-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	0.5						
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						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7120891 - SW846 5030 Water MS										
Blank (7120891-BLK1)										
Prepared & Analyzed: 13-Dec-07										
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						
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	*48.3*		µg/l		*50.0*		*97*	*80-120*		
Surrogate: Toluene-d8	*50.3*		µg/l		*50.0*		*101*	*80-120*		
Surrogate: 1,2-Dichloroethane-d4	*51.8*		µg/l		*50.0*		*104*	*80-120*		
Surrogate: Dibromofluoromethane	*52.9*		µg/l		*50.0*		*106*	*80-120*		
LCS (7120891-BS1)										
Prepared & Analyzed: 13-Dec-07										
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.2		µg/l		20.0		101	80-120		
Acetone	12.9	QC2	µg/l		20.0		65	70-130		
Acrylonitrile	17.3		µg/l		20.0		86	70-130		
Benzene	19.6		µg/l		20.0		98	80-120		
Bromobenzene	21.8		µg/l		20.0		109	80-120		
Bromochloromethane	21.0		µg/l		20.0		105	80-120		
Bromodichloromethane	20.8		µg/l		20.0		104	80-120		
Bromoform	22.4		µg/l		20.0		112	80-120		
Bromomethane	20.1		µg/l		20.0		101	80-120		
2-Butanone (MEK)	13.8	QC2	µg/l		20.0		69	70-130		
n-Butylbenzene	19.0		µg/l		20.0		95	80-120		
sec-Butylbenzene	22.8		µg/l		20.0		114	80-120		
tert-Butylbenzene	23.6		µg/l		20.0		118	80-120		
Carbon disulfide	18.0		µg/l		20.0		90	70-130		
Carbon tetrachloride	19.4		µg/l		20.0		97	80-120		
Chlorobenzene	21.7		µg/l		20.0		108	80-120		
Chloroethane	19.3		µg/l		20.0		97	80-120		
Chloroform	20.1		µg/l		20.0		100	80-120		
Chloromethane	20.1		µg/l		20.0		100	80-120		
2-Chlorotoluene	22.2		µg/l		20.0		111	80-120		
4-Chlorotoluene	21.6		µg/l		20.0		108	80-120		
1,2-Dibromo-3-chloropropane	17.8		µg/l		20.0		89	80-120		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7120891 - SW846 5030 Water MS										
LCS (7120891-BS1)										
Prepared & Analyzed: 13-Dec-07										
Dibromochloromethane	20.5		µg/l		20.0		102	80-120		
1,2-Dibromoethane (EDB)	19.5		µg/l		20.0		97	80-120		
Dibromomethane	19.4		µg/l		20.0		97	80-120		
1,2-Dichlorobenzene	22.3		µg/l		20.0		111	80-120		
1,3-Dichlorobenzene	23.4		µg/l		20.0		117	80-120		
1,4-Dichlorobenzene	21.6		µg/l		20.0		108	80-120		
Dichlorodifluoromethane (Freon12)	20.9		µg/l		20.0		104	80-120		
1,1-Dichloroethane	19.7		µg/l		20.0		98	80-120		
1,2-Dichloroethane	17.8		µg/l		20.0		89	80-120		
1,1-Dichloroethene	19.1		µg/l		20.0		96	80-120		
cis-1,2-Dichloroethene	20.4		µg/l		20.0		102	80-120		
trans-1,2-Dichloroethene	19.3		µg/l		20.0		96	80-120		
1,2-Dichloropropane	18.2		µg/l		20.0		91	80-120		
1,3-Dichloropropane	18.1		µg/l		20.0		90	80-120		
2,2-Dichloropropane	20.2		µg/l		20.0		101	80-120		
1,1-Dichloropropene	18.1		µg/l		20.0		90	80-120		
cis-1,3-Dichloropropene	19.3		µg/l		20.0		97	80-120		
trans-1,3-Dichloropropene	19.7		µg/l		20.0		98	80-120		
Ethylbenzene	21.6		µg/l		20.0		108	80-120		
Hexachlorobutadiene	22.4		µg/l		20.0		112	80-120		
2-Hexanone (MBK)	14.5		µg/l		20.0		72	70-130		
Isopropylbenzene	20.6		µg/l		20.0		103	80-120		
4-Isopropyltoluene	22.3		µg/l		20.0		112	80-120		
Methyl tert-butyl ether	18.0		µg/l		20.0		90	80-120		
4-Methyl-2-pentanone (MIBK)	15.9		µg/l		20.0		80	70-130		
Methylene chloride	18.5		µg/l		20.0		92	80-120		
Naphthalene	16.4		µg/l		20.0		82	80-120		
n-Propylbenzene	21.1		µg/l		20.0		105	80-120		
Styrene	22.8		µg/l		20.0		114	80-120		
1,1,1,2-Tetrachloroethane	22.5		µg/l		20.0		113	80-120		
1,1,2,2-Tetrachloroethane	19.1		µg/l		20.0		96	80-120		
Tetrachloroethene	20.6		µg/l		20.0		103	80-120		
Toluene	20.2		µg/l		20.0		101	80-120		
1,2,3-Trichlorobenzene	20.1		µg/l		20.0		100	80-120		
1,2,4-Trichlorobenzene	19.0		µg/l		20.0		95	80-120		
1,1,1-Trichloroethane	20.0		µg/l		20.0		100	80-120		
1,1,2-Trichloroethane	18.5		µg/l		20.0		93	80-120		
Trichloroethene	18.7		µg/l		20.0		94	80-120		
Trichlorofluoromethane (Freon 11)	19.2		µg/l		20.0		96	80-120		
1,2,3-Trichloropropane	20.2		µg/l		20.0		101	80-120		
1,2,4-Trimethylbenzene	23.0		µg/l		20.0		115	80-120		
1,3,5-Trimethylbenzene	22.8		µg/l		20.0		114	80-120		
Vinyl chloride	20.4		µg/l		20.0		102	80-120		
m,p-Xylene	45.4		µg/l		40.0		114	80-120		
o-Xylene	23.9		µg/l		20.0		120	80-120		
Tetrahydrofuran	17.8		µg/l		20.0		89	70-130		
Tert-amyl methyl ether	18.2		µg/l		20.0		91	70-130		
Ethyl tert-butyl ether	19.8		µg/l		20.0		99	70-130		
Di-isopropyl ether	17.7		µg/l		20.0		89	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 7120891 - SW846 5030 Water MS										
LCS (7120891-BS1)										
Prepared & Analyzed: 13-Dec-07										
Tert-Butanol / butyl alcohol	170		µg/l		200		85	70-130		
Surrogate: 4-Bromofluorobenzene	*50.5*		µg/l		*50.0*		*101*	*80-120*		
Surrogate: Toluene-d8	*48.4*		µg/l		*50.0*		*97*	*80-120*		
Surrogate: 1,2-Dichloroethane-d4	*48.5*		µg/l		*50.0*		*97*	*80-120*		
Surrogate: Dibromofluoromethane	*50.4*		µg/l		*50.0*		*101*	*80-120*		
Matrix Spike (7120891-MS1) **Source: SA72087-01**										
Prepared & Analyzed: 13-Dec-07										
Benzene	18.1		µg/l		20.0	BRL	91	80-120		
Chlorobenzene	22.3		µg/l		20.0	BRL	112	80-120		
1,1-Dichloroethene	14.9	QM7	µg/l		20.0	BRL	75	80-120		
Toluene	20.0		µg/l		20.0	BRL	100	80-120		
Trichloroethene	17.1		µg/l		20.0	BRL	85	80-120		
Surrogate: 4-Bromofluorobenzene	*47.7*		µg/l		*50.0*		*95*	*80-120*		
Surrogate: Toluene-d8	*48.0*		µg/l		*50.0*		*96*	*80-120*		
Surrogate: 1,2-Dichloroethane-d4	*48.1*		µg/l		*50.0*		*96*	*80-120*		
Surrogate: Dibromofluoromethane	*50.9*		µg/l		*50.0*		*102*	*80-120*		
Matrix Spike Dup (7120891-MSD1) **Source: SA72087-01**										
Prepared & Analyzed: 13-Dec-07										
Benzene	18.4		µg/l		20.0	BRL	92	80-120	1	20
Chlorobenzene	22.7		µg/l		20.0	BRL	114	80-120	2	20
1,1-Dichloroethene	15.3	QM7	µg/l		20.0	BRL	77	80-120	3	20
Toluene	19.8		µg/l		20.0	BRL	99	80-120	1	20
Trichloroethene	17.2		µg/l		20.0	BRL	86	80-120	0.6	20
Surrogate: 4-Bromofluorobenzene	*47.1*		µg/l		*50.0*		*94*	*80-120*		
Surrogate: Toluene-d8	*48.4*		µg/l		*50.0*		*97*	*80-120*		
Surrogate: 1,2-Dichloroethane-d4	*48.4*		µg/l		*50.0*		*97*	*80-120*		
Surrogate: Dibromofluoromethane	*51.8*		µg/l		*50.0*		*104*	*80-120*		

Notes and Definitions

QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM7	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
V11	Analyte concentration confirmed by duplicate analysis.
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

SA7208701 CL

SPECTRUM ANALYTICAL, INC.
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HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

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 Millet St Suite 301
Richmond VT 05477
Project Mgr.: Beth Erickson

Invoice To: _____
P.O. No.: _____ RQN: 0002

Project No.: 08-205686
Site Name: Londonderry Citgo
Location: Londonderry State: VT
Sampler(s): Beth Ericksen

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=Aqueous 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: 524.2	8021 BVTS can
SA7208701	Main Influent	12/6/07	11:00	G	DW	2	3				X	
02	Main Midpoint 8021		10:50				3				X	X
03	Main Midpoint 524		10:40				3				X	
04	Main Effluent		10:20				3				X	
05	Thorne-Thompson Influent		11:20				3				X	X
06	Thorne-Thompson Midpoint		11:15				3				X	X
07	Thorne-Thompson Effluent		11:10				3				X	X
08	Rogers		12:00				2					X
09	Duplicate	↓	—	↓	↓		3				X	X
10	Trip Blank	—	—		X1	↓	1				X	

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: _____

See attached

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

Condition upon receipt: ☐ Iced ☐ Ambient ☐ °C 6.3

Relinquished by:	Received by:	Date:	Time:
Elizabeth K Erickson		12/6/07	14:30
UPS		12/7/07	10:50