ALX Environmental, PLC

Telephone **(802) 899-2756** Fax (802) 899-4663
Email: nowlan@globalnetisp.net

225 River Road Underhill, Vermont 05489

September 25, 2000
Project 014.01.00

Brian Woods
Sites Management Section
Hazardous Materials Management Division
103 South Main Street West Building
Waterbury, VT 05671-0404

Re: Groundwater Sampling
Francis R. Folino Industries - Site #77-0103

Dear Mr. Woods:

On August 10, 1999, IT Corporation performed annual groundwater sampling on three monitoring wells at the former Francis R. Folino Site at 11 Morse Drive in Essex Junction, Vermont. The purpose of the annual groundwater sampling is to determine trends in the concentrations of 1,1,1-trichlorethane (1,1,1-TCA), trichloroethene (TCE) and tetrachloroethene (PCE) at the site. The annual groundwater samples were collected by ALX Environmental, PLC on August 18, 2000. The results of the two sampling rounds are attached.

Groundwater Sampling

Groundwater samples were collected for VOC analyses by USEPA Method 8260B from monitoring wells MW-2A, MW-3 and MW-104. Prior to sampling, the water level was measured to the nearest 0.01 foot using an electronic water sensing probe (Table 1). The groundwater level measurements were used to determine the volume of water to be purged. To assure that representative formation water was being sampled, a minimum of three well volumes was evacuated from each well prior to sampling.

Groundwater samples were then collected. A field blank was collected during the sampling of the wells. The analytical testing was conducted in 1999 by Columbia Analytical Services and in 2000 by Severn Trent Services.

Groundwater Analytical Results

The results of the two sampling rounds are included in Attachment A. The results are summarized in tabular form and compared with the groundwater standards in Attachment B. The historical trends of the three detected componds, 1,1,1-TCA; TCE and PCE are summarized in three tables in Attachment C.

Groundwater analytical results indicate that VOCs were detected in the three monitoring wells sampled. VOCs detected in monitoring well MW-2A include PCE at 11 micrograms per liter (µg/L) in 1999 only and chloroform at 2.4 µg/L in 2000 only. VOCs detected in monitoring well MW-3 include PCE at 9 and 5.8 µg/L in 1999 and 2000 respectively and 1,1,1-TCA at 2.2 µg/L in 2000 only. VOCs detected in MW-104 include PCE at 2.4 µg/L in 2000 only and chloroform at 2.4 µg/L also in 2000 only. No VOCs were detected in the field blank.

Summary and Conclusions

Based on the data collected, the following is concluded:

- The concentration of 1,1,1-TCA detected in monitoring well MW-3 at 2.2 µg/L is well below the Vermont Groundwater Enforcement Standard (VGWES) of 200 µg/L. 1,1,1-TCA was not detected in MW-104 or MW-3 in the last two sampling rounds.
- TCE has remained non-detect in the three monitoring wells sampled.
- Chloroform was detected in monitoring wells at levels well below the VGWES of 100 µg/L.
- PCE was detected in monitoring well MW-3 at a concentration of 5.8 µg/L which is above the VGWES of 5 µg/L.
- PCE is the only VOC that exceeds the VGWES and is detected in only one well. This concentration is significantly lower than concentrations observed in 1990.

Recommendations

Based on the continued presence of PCE in monitoring well MW-3 at a concentration above VGWES, an additional round of sampling should be conducted on these three monitoring wells in August, 2001.

If you have any questions regarding this report, please contact the undersigned.

Sincerely,

ALX ENVIRONMENTAL, PLC

Nicholas P. Nowlan, P.E.

Attachments: As Noted

Table 1
Folino
Groundwater Elevations

Well Designation	Top of PVC Elevation	July 1993		February 1994		May 1995		May 1996	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-3	100.72	23.02	77.70	24.63	76.09	---	---	17.01	83.71
MW-2A	101.48	22.88	78.60	---	---	24.18	77.30	22.80	78.68
MW-104	98.78	24.57	74.21	25.67	73.11	24.35	74.43	23.52	75.26

		May 1997		June 1998		August, 1999		August, 2000	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
MW-3	100.72	18.15	82.57	17.08	83.64	23.02	77.70	22.64	78.08
MW-2A	101.48	10.71	90.77	22.96	78.52	21.26	80.22	20.43	81.05
MW-104	98.78	26.47	72.31	23.82	74.96	24.15	74.63	23.65	75.13

NOTE: Elevations given are relative to an assumed datum.

APPENDIX A

LABORATORY RESULTS

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

August 25, 1999

Mr. Nicholas Nowlan
EMCON
1 Mill Street, Box B-15
Burlington, VT 05401

PROJECT:FOLINO
Submission #:9908000136

Dear Mr. Nowlan

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (716) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Mark Wilson
Client Service Manager

Enc.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director prior to report submittal.

Columbia Analytical Services Inc.

Effective 04/01/96

CAS LIST OF QUALIFIERS

(The basis of this proposal are the EPA-CLP Qualifiers)

U - Indicates compound was analyzed for but was not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. For further explanation see case narrative / cover letter.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

N - Spiked sample recovery not within control limits.
(Flag the entire batch - Inorganic analysis only)

* - Duplicate analysis not within control limits.
(Flag the entire batch - Inorganic analysis only)

\- Also used to qualify Organics QC data outside limits.

D - Spike diluted out.

S - Reported value determined by Method of Standard Additions. (MSA)

X - As specified in the case narrative.

CAS Lab ID # for State Certifications

NY ID # in Rochester:	10145	NJ ID # in Rochester:	73004
CT ID # in Rochester:	PH0556	RI ID # in Rochester:	158
MA ID # in Rochester:	M-NY032	NH ID # in Rochester:	294198-A
OH EPA # in Rochester:	VAP	AIHA # in Rochester:	7889

COLUMBIA ANALYTICAL SERVICES

ANALYTICAL REPORT SUMMARY

METHOD 8260B TCL + MTBE

REPORTED UNITS: UG/L

EMCON

FOLINO

SUBMISSION #: 9908000136

ORDER NUMBER		315213	315214	315215	315216
SAMPLE ID:		MW-3	MW-2A	MW-104	FIELD BLANK
DATE SAMPLED:		08/10/1999	08/10/1999	08/10/1999	08/10/1999
DATE RECEIVED:	PQL	08/11/1999	08/11/1999	08/11/1999	08/11/1999
DATE ANALYZED:		8/23/99	8/23/99	8/23/99	8/23/99
DILUTION:		1.00	1.00	1.00	1.00
ACETONE	20	20 U	20 U	20 U	20 U
BENZENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
BROMODICHLOROMETHANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
BROMOFORM	5.0	5.0 U	5.0 U	5.0 U	5.0 U
BROMOMETHANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
2-BUTANONE (MEK)	10	10 U	10 U	10 U	10 U
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	5.0 U	5.0 U	5.0 U
CARBON DISULFIDE	10	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
CHLOROBENZENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
CHLOROETHANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
CHLOROFORM	5.0	5.0 U	5.0 U	5.0 U	5.0 U
CHLOROMETHANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
DIBROMOCHLOROMETHANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
1,1-DICHLOROETHANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
1,2-DICHLOROETHANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
1,1-DICHLOROETHENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
1,2-DICHLOROPROPANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
ETHYLBENZENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
2-HEXANONE	10	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
4-METHYL-2-PENTANONE (MIBK)	10	10 U	10 U	10 U	10 U
STYRENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
TETRACHLOROETHENE	5.0	9.0	11	5.0 U	5.0 U
TOLUENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-TRICHLOROETHANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-TRICHLOROETHANE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
TRICHLOROETHENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
VINYL CHLORIDE	2.0	2.0 U	2.0 U	2.0 U	2.0 U
M+P-XYLENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U
O-XYLENE	5.0	5.0 U	5.0 U	5.0 U	5.0 U

SURROGATE RECOVERIES	LIMITS				
4-BROMOFLUOROBENZENE	86 - 115	104	98	97	91
TOLUENE-D8	88 - 110	108	106	107	101
DIBROMOFLUOROMETHANE	86 - 118	92	94	94	101

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL + MTBE
Reported: 08/25/99

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 318738 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 41869

DATE ANALYZED : 08/23/99
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
METHYL-TERT-BUTYL ETHER	5.0	5.0 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	2.0	2.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(86 - 115 %)	99	%
TOLUENE-D8	(88 - 110 %)	106	%
DIBROMOFLUOROMETHANE	(86 - 118 %)	91	%

Columbia Analytical Services INC.
An Employee-Owned Company
Mustard St., Suite 250, Rochester, NY 14609-69245
(716) 288-5380 • FAX (716) 288-8475

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

DATE 8.10.99 PAGE 1 OF 1

PROJECT NAME Folino
PROJECT MANAGER/CONTACT Nick Nawlan
COMPANY/ADDRESS 1 Mill St. Chace Mill B15
Burlington, VT 05401-1830
TEL (802) 658-6884 FAX (802) 658-5014
SAMPLER'S SIGNATURE [signature]

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	FOR OFFICE USE ONLY LAB I.D.	SAMPLE MATRIX	# OF CONTAINERS	GC/MS VOA's ☒ 8260 ☐ 624 ☐ 95-1	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ 95-2	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES/PCB's ☐ 8081 ☐ 608 ☐ 95-3	STAR'S LIST 8021 VOA's ☐ TOTAL ☐ TCLP	STAR'S LIST 8270 SVOA's ☐ TOTAL ☐ TCLP	TCLP ☐ METALS ☐ VOA's ☐ SVOA's ☐ H/P	WASTE CHARACTERIZATION ☐ React ☐ Corros. ☐ Ignit.	METALS, TOTAL (LIST BELOW)	METALS, DISSOLVED (LIST BELOW)	PRESERVATION pH < 2.0 HCL	pH > 12	Other
MW-3	8.10.99	12:45p	3/5213	H_2O	3	X										X		
MW-2A	↓	1:30	214	H_2O	3	X										X		
MW-104	↓	2:05	215	H_2O	3	X										X		
Field Blank	↓	2:15	216	"	3	X										X		
Trip Blank	—	—																

RELINQUISHED BY:
Signature [signature]
Printed Name Cynthia Sprague
Firm Emcon/IT
Date/Time 8.10.99 3:00

RECEIVED BY:
Signature [signature]
Printed Name Gregory A. Lorenzo
Firm OAS
Date/Time 8-11-99 10:05

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

RELINQUISHED BY:
Signature
Printed Name
Firm

RECEIVED BY:
Signature
Printed Name
Firm

TURNAROUND REQUIREMENTS
__ 24 hr. __ 48 hr. __ 5 day
X Standard (10-15 working days)
__ Provide Verbal Preliminary Results
__ Provide FAX Preliminary Results
Requested Report Date _____

REPORT REQUIREMENTS
X 1. Routine Report
__ 2. Routine Rep. w/CASE Narrative
__ 3. EPA Level III Validatable Package
__ 4. N.J. Reduced Deliverables Level IV
__ 5. NY ASP/CLP Deliverables
__ 6. Site specific QC.

INVOICE INFORMATION:
P.O. #:
Bill To: Emcon

SAMPLE RECEIPT:
Shipping Via:
Shipping #:
Temperature:
Submission No: 8-136

SPECIAL INSTRUCTIONS/COMMENTS:
METALS
ORGANICS: ☐ TCL ☐ PPL ☐ AE Only ☐ BN Only ☐ Special List

Columbia Analytical Services Inc.
Cooler Receipt And Preservation Check Form

Project/Client EmCon Burl Submission Number 8-136

Cooler received on 8-11-99 and opened on 8-11-99 by [illegible]

1. Were custody seals on outside of cooler? 1 YES NO
   If yes, how many and where? _____
2. Were signature & date correct? YES NO
3. Were custody papers properly filled out (ink, signed, etc)? YES NO
4. Did all bottles arrive in good condition (unbroken)? YES NO
5. Were all bottle labels complete (*i.e.* analysis, preservation, etc)? YES NO
6. Did all bottle labels and tags agree with custody papers? YES NO
7. Were correct bottles used for the tests indicated? YES NO
8. Were VOA vials checked for absence of air bubbles, and noted if so? YES NO
9. Where did the bottles originate? CAS/A CAS/K CAS/S CAS/L CAS/X CAS/J CAS/R
10. Temperature of cooler(s) upon receipt: 6.9 _____ _____ _____ _____

Is the temperature within 4 ± 2° C?:	Yes ☐	Yes ☐	Yes ☐	Yes ☐	Yes ☐
If No, Explain Below	No ☒	No ☐	No ☐	No ☐	No ☐

Date/Time Temperatures Taken: 8-11-99 10:40

Thermometer ID: 161 **Circle One:** Temp Blank Sample Bottle Cooler Temp.

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added
pH	Reagent					
12	NaOH					
2	HNO_3					
2	H_2SO_4					
5-9*	P/PCBs (608 only)					

YES = All samples OK
NO = Samples were preserved at lab as listed
*If pH adjustment is required, use NaOH and/or H_2SO_4.

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2				

CLIENT NOTIFICATION: _____

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203
Fax: 802 655 1248

SEVERN TRENT SERVICES
STL Burlington

Analytical Report

ALX Environmental
225 River Road

Underhill, VT 05489

Attention : Nicholas P. Nowlan

Date : 09/12/00
ETR Number : 79430
Project No.: 20000
No. Samples: 4
Arrived : 08/18/00

Job:017.01.00

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Lab No./ Method No.	Sample Description/ Parameter	Result
427797	MW-3:08/18/00 @1100(Water)	
	5030_8260B Analysis, VOA Water	C
427798	MW-104:08/18/00 @1200(Water)	
	5030_8260B Analysis, VOA Water	C
427799	MW-2A:08/18/00 @1330(Water)	
	5030_8260B Analysis, VOA Water	C
427800	Field Blank:08/18/00 @1400(Water)	
	5030_8260B Analysis, VOA Water	C

Comments/Notes

C = Procedure/analysis completed

< Last Page > Submitted By : STL Burlington

Kim B. Watson

Severn Trent Laboratories
208 South Park Drive, Suite 1, Colchester, VT 05446 Tel: (802) 655-1203

CHAIN OF CUSTODY RECORD

Report to:
Company: ALX Environmental
Address: 225 River Rd.
Underhill, VT 05489
Contact: Nicholas P Nowlan
Phone: (802) 899-2756
Fax: (802) 899-4663
Contract/ Quote #: Chris Anderson

Invoice to
Company: Same
Address:
Contact:
Phone:
PO/SO #:

Sampler's Name: Nicholas P Nowlan
Sampler's Signature: Nicholas P Nowlan

Proj. No.: 017.01.00
Project Name: Francis Folino

ANALYSIS REQUESTED: 8260B

Lab use only
Due Date:
Temp. of coolers when received (C°): 1 2 3 4 5
Custody Seal N / Y
Intact N / Y
Screened For Radioactivity ☐

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	No./Type of Containers: VOA	AG Lt	250 m	P-O	8260B	Lab Sample ID (Lab Use Only)
gw	8/18	11 AM		✓	MW-3 994846	✓				✓	
				✓	MW-3 41	✓				✓	
				✓	MW-3 40	✓				✓	
				✓	MW-3 39	✓				✓	
		12 noon		✓	MW-104 994896	✓				✓	
				✓	MW-104 36	✓				✓	
				✓	MW-104 43	✓				✓	
		1:30 PM			MW-2A 994838	✓				✓	
					MW-2A 37	✓				✓	
					MW-2A 31	✓				✓	

Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date:	Time:
Nicholas P Nowlan	8/18/00	1453	[signature]	8/18/00	1453
Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Remarks

Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.

STL cannot accept verbal changes. Please Fax written changes to

Severn Trent Laboratories
208 South Park Drive, Suite 1, Colchester, VT 05446 Tel: (802) 655-1203

CHAIN OF CUSTODY RECORD

Report to:
Company: ALX Environmental
Address: 225 River Road
Underhill, VT 05489
Contact: Nicholas P Nowlan
Phone: (802) 899-2756
Fax: (802) 899-4663
Contract/ Quote #: Chris Anderson

Invoice to
Company: Same
Address:
Contact:
Phone:
PO/SO #:

ANALYSIS REQUESTED

Lab use only
Due Date:

Temp. of coolers when received (C.)
1 | 2 | 3 | 4 | 5

Custody Seal N / Y
Intact N / Y

Screened For Radioactivity ☐

Sampler's Name: Nicholas P Nowlan
Sampler's Signature: Nicholas P Nowlan

Proj. No: 017-01-00
Project Name: Francis Folino

Matrix	Date	Time	Comp	Grab	Identifying Marks of Sample(s)	VOA	AG 1 Lt	250 ml	PO	8260B								Lab Sample ID (Lab Use Only)
gw	8/18	2:00 PM		✓	Field Blank 9948307	✓				✓								
↓	↓	↓		✓	Field Blank 2 975	✓				✓								

Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date:	Time:
Nicholas P Nowlan	8/18/08	1453	[illegible]	8-18-08	1453
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time	Received by: (Signature)	Date:	Time

Remarks

Client's delivery of samples constitutes acceptance of Severn Trent Laboratories terms and conditions contained in the Price Schedule.

STL cannot accept verbal changes. Please Fax written changes to

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

FIELD BLANK

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427800

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427800

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
107-02-8	Acrolein	5.0	U
76-13-1	Freon TF	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Methyl Iodide	5.0	U
75-15-0	Carbon Disulfide	5.0	U
107-05-1	Allyl Chloride	5.0	U
75-09-2	Methylene Chloride	5.0	U
107-13-1	Acrylonitrile	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
540-59-0	1,2-Dichloroethene (total)	5.0	U
1634-04-4	Methyl-t-Butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl Acetate	5.0	U
126-99-8	Chloroprene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
107-12-0	Propionitrile	20	U
126-98-7	Methacrylonitrile	5.0	U
74-97-5	Bromochloromethane	5.0	U
109-99-9	Tetrahydrofuran	50	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
78-83-1	Isobutyl Alcohol	250	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

FIELD BLANK

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427800

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427800

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
80-62-6	Methyl Methacrylate	5.0	U
74-95-3	Dibromomethane	5.0	U
123-91-1	1,4-Dioxane	250	U
75-27-4	Bromodichloromethane	5.0	U
110-75-8	2-Chloroethyl Vinyl Ether	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
97-63-2	Ethyl Methacrylate	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	Xylene (m,p)	5.0	U
1330-20-7	Xylene (total)	5.0	U
95-47-6	Xylene (o)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1476-11-5	cis-1,4-Dichloro-2-butene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

FIELD BLANK

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427800

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427800

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
91-20-3	Naphthalene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
108-86-1	Bromobenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

MW-2A

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427799

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427799

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
107-02-8	Acrolein	5.0	U
76-13-1	Freon TF	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Methyl Iodide	5.0	U
75-15-0	Carbon Disulfide	5.0	U
107-05-1	Allyl Chloride	5.0	U
75-09-2	Methylene Chloride	5.0	U
107-13-1	Acrylonitrile	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
540-59-0	1,2-Dichloroethene (total)	5.0	U
1634-04-4	Methyl-t-Butyl Ether	56	
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl Acetate	5.0	U
126-99-8	Chloroprene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
107-12-0	Propionitrile	20	U
126-98-7	Methacrylonitrile	5.0	U
74-97-5	Bromochloromethane	5.0	U
109-99-9	Tetrahydrofuran	50	U
67-66-3	Chloroform	1.4	J
71-55-6	1,1,1-Trichloroethane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
78-83-1	Isobutyl Alcohol	250	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

MW-2A

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427799

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427799

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
80-62-6	Methyl Methacrylate	5.0	U
74-95-3	Dibromomethane	5.0	U
123-91-1	1,4-Dioxane	250	U
75-27-4	Bromodichloromethane	5.0	U
110-75-8	2-Chloroethyl Vinyl Ether	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
97-63-2	Ethyl Methacrylate	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	Xylene (m,p)	5.0	U
1330-20-7	Xylene (total)	5.0	U
95-47-6	Xylene (o)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1476-11-5	cis-1,4-Dichloro-2-butene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

MW-2A

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427799

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427799

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
91-20-3	Naphthalene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
108-86-1	Bromobenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

MW-3

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427797

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427797

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
107-02-8	Acrolein	5.0	U
76-13-1	Freon TF	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Methyl Iodide	5.0	U
75-15-0	Carbon Disulfide	5.0	U
107-05-1	Allyl Chloride	5.0	U
75-09-2	Methylene Chloride	5.0	U
107-13-1	Acrylonitrile	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
540-59-0	1,2-Dichloroethene (total)	5.0	U
1634-04-4	Methyl-t-Butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl Acetate	5.0	U
126-99-8	Chloroprene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
107-12-0	Propionitrile	20	U
126-98-7	Methacrylonitrile	5.0	U
74-97-5	Bromochloromethane	5.0	U
109-99-9	Tetrahydrofuran	50	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	2.2	J
56-23-5	Carbon Tetrachloride	5.0	U
78-83-1	Isobutyl Alcohol	250	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

MW-3

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427797

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427797

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
80-62-6	Methyl Methacrylate	5.0	U
74-95-3	Dibromomethane	5.0	U
123-91-1	1,4-Dioxane	250	U
75-27-4	Bromodichloromethane	5.0	U
110-75-8	2-Chloroethyl Vinyl Ether	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
97-63-2	Ethyl Methacrylate	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.8	
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	Xylene (m,p)	5.0	U
1330-20-7	Xylene (total)	5.0	U
95-47-6	Xylene (o)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1476-11-5	cis-1,4-Dichloro-2-butene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

MW-3

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427797

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427797

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
91-20-3	Naphthalene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
108-86-1	Bromobenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

MW-104

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427798

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427798

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
107-02-8	Acrolein	5.0	U
76-13-1	Freon TF	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	5.0	U
74-88-4	Methyl Iodide	5.0	U
75-15-0	Carbon Disulfide	5.0	U
107-05-1	Allyl Chloride	5.0	U
75-09-2	Methylene Chloride	5.0	U
107-13-1	Acrylonitrile	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
540-59-0	1,2-Dichloroethene (total)	5.0	U
1634-04-4	Methyl-t-Butyl Ether	1.5	J
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl Acetate	5.0	U
126-99-8	Chloroprene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
107-12-0	Propionitrile	20	U
126-98-7	Methacrylonitrile	5.0	U
74-97-5	Bromochloromethane	5.0	U
109-99-9	Tetrahydrofuran	50	U
67-66-3	Chloroform	2.4	J
71-55-6	1,1,1-Trichloroethane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
78-83-1	Isobutyl Alcohol	250	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

MW-104

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427798

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427798

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
80-62-6	Methyl Methacrylate	5.0	U
74-95-3	Dibromomethane	5.0	U
123-91-1	1,4-Dioxane	250	U
75-27-4	Bromodichloromethane	5.0	U
110-75-8	2-Chloroethyl Vinyl Ether	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
97-63-2	Ethyl Methacrylate	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	2.4	J
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	Xylene (m,p)	5.0	U
1330-20-7	Xylene (total)	5.0	U
95-47-6	Xylene (o)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1476-11-5	cis-1,4-Dichloro-2-butene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

ALXENV SAMPLE NO.

MW-104

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: 427798

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: 427798

Level: (low/med) LOW Date Received: 08/18/00

% Moisture: not dec. _____ Date Analyzed: 08/25/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
91-20-3	Naphthalene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
108-86-1	Bromobenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

VBLKB7

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: VBLKB7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: MTWB01E

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/24/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	5.0	U
74-87-3	Chloromethane	5.0	U
75-01-4	Vinyl Chloride	5.0	U
74-83-9	Bromomethane	5.0	U
75-00-3	Chloroethane	5.0	U
75-69-4	Trichlorofluoromethane	5.0	U
107-02-8	Acrolein	5.0	U
76-13-1	Freon TF	5.0	U
75-35-4	1,1-Dichloroethene	5.0	U
67-64-1	Acetone	3.0	J
74-88-4	Methyl Iodide	5.0	U
75-15-0	Carbon Disulfide	5.0	U
107-05-1	Allyl Chloride	5.0	U
75-09-2	Methylene Chloride	5.0	U
107-13-1	Acrylonitrile	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	U
540-59-0	1,2-Dichloroethene (total)	5.0	U
1634-04-4	Methyl-t-Butyl Ether	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U
108-05-4	Vinyl Acetate	5.0	U
126-99-8	Chloroprene	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	U
78-93-3	2-Butanone	5.0	U
107-12-0	Propionitrile	20	U
126-98-7	Methacrylonitrile	5.0	U
74-97-5	Bromochloromethane	5.0	U
109-99-9	Tetrahydrofuran	50	U
67-66-3	Chloroform	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U
78-83-1	Isobutyl Alcohol	250	U
71-43-2	Benzene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

VBLKB7

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: VBLKB7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: MTWB01E

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/24/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	5.0	U
78-87-5	1,2-Dichloropropane	5.0	U
80-62-6	Methyl Methacrylate	5.0	U
74-95-3	Dibromomethane	5.0	U
123-91-1	1,4-Dioxane	250	U
75-27-4	Bromodichloromethane	5.0	U
110-75-8	2-Chloroethyl Vinyl Ether	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	U
97-63-2	Ethyl Methacrylate	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	U
127-18-4	Tetrachloroethene	5.0	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	5.0	U
106-93-4	1,2-Dibromoethane	5.0	U
108-90-7	Chlorobenzene	5.0	U
630-20-6	1,1,1,2-Tetrachloroethane	5.0	U
100-41-4	Ethylbenzene	5.0	U
1330-20-7	Xylene (m,p)	5.0	U
1330-20-7	Xylene (total)	5.0	U
95-47-6	Xylene (o)	5.0	U
100-42-5	Styrene	5.0	U
75-25-2	Bromoform	5.0	U
98-82-8	Isopropylbenzene	5.0	U
1476-11-5	cis-1,4-Dichloro-2-butene	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

VBLKB7

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: VBLKB7

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: MTWB01E

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/24/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	U
87-68-3	Hexachlorobutadiene	5.0	U
91-20-3	Naphthalene	5.0	U
594-20-7	2,2-Dichloropropane	5.0	U
563-58-6	1,1-Dichloropropene	5.0	U
142-28-9	1,3-Dichloropropane	5.0	U
108-86-1	Bromobenzene	5.0	U
103-65-1	n-Propylbenzene	5.0	U
95-49-8	2-Chlorotoluene	5.0	U
106-43-4	4-Chlorotoluene	5.0	U
108-67-8	1,3,5-Trimethylbenzene	5.0	U
98-06-6	tert-Butylbenzene	5.0	U
95-63-6	1,2,4-Trimethylbenzene	5.0	U
135-98-8	sec-Butylbenzene	5.0	U
99-87-6	4-Isopropyltoluene	5.0	U
104-51-8	n-Butylbenzene	5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

MTWE LCS

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: MTWE LCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: MTW50EQ2

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/24/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	45	
74-87-3	Chloromethane	47	
75-01-4	Vinyl Chloride	48	
74-83-9	Bromomethane	47	
75-00-3	Chloroethane	48	
75-69-4	Trichlorofluoromethane	44	
107-02-8	Acrolein	58	
76-13-1	Freon TF	46	
75-35-4	1,1-Dichloroethene	53	
67-64-1	Acetone	50	B
74-88-4	Methyl Iodide	36	
75-15-0	Carbon Disulfide	38	
107-05-1	Allyl Chloride	55	
75-09-2	Methylene Chloride	53	
107-13-1	Acrylonitrile	50	
156-60-5	trans-1,2-Dichloroethene	57	
540-59-0	1,2-Dichloroethene (total)	100	
1634-04-4	Methyl-t-Butyl Ether	49	
75-34-3	1,1-Dichloroethane	52	
108-05-4	Vinyl Acetate	57	
126-99-8	Chloroprene	46	
156-59-2	cis-1,2-Dichloroethene	50	
78-93-3	2-Butanone	52	
107-12-0	Propionitrile	180	
126-98-7	Methacrylonitrile	48	
74-97-5	Bromochloromethane	49	
109-99-9	Tetrahydrofuran	510	
67-66-3	Chloroform	50	
71-55-6	1,1,1-Trichloroethane	50	
56-23-5	Carbon Tetrachloride	52	
78-83-1	Isobutyl Alcohol	2800	
71-43-2	Benzene	54	
107-06-2	1,2-Dichloroethane	52	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

MTWE LCS

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: MTWE LCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: MTW50EQ2

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/24/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
79-01-6	Trichloroethene	49	
78-87-5	1,2-Dichloropropane	50	
80-62-6	Methyl Methacrylate	52	
74-95-3	Dibromomethane	49	
123-91-1	1,4-Dioxane	2200	
75-27-4	Bromodichloromethane	47	
110-75-8	2-Chloroethyl Vinyl Ether	52	
10061-01-5	cis-1,3-Dichloropropene	51	
108-10-1	4-Methyl-2-pentanone	52	
108-88-3	Toluene	51	
10061-02-6	trans-1,3-Dichloropropene	50	
97-63-2	Ethyl Methacrylate	52	
79-00-5	1,1,2-Trichloroethane	47	
127-18-4	Tetrachloroethene	34	
591-78-6	2-Hexanone	50	
124-48-1	Dibromochloromethane	46	
106-93-4	1,2-Dibromoethane	48	
108-90-7	Chlorobenzene	49	
630-20-6	1,1,1,2-Tetrachloroethane	47	
100-41-4	Ethylbenzene	49	
1330-20-7	Xylene (m,p)	100	
1330-20-7	Xylene (total)	150	
95-47-6	Xylene (o)	48	
100-42-5	Styrene	48	
75-25-2	Bromoform	44	
98-82-8	Isopropylbenzene	48	
1476-11-5	cis-1,4-Dichloro-2-butene	48	
79-34-5	1,1,2,2-Tetrachloroethane	47	
96-18-4	1,2,3-Trichloropropane	47	
110-57-6	trans-1,4-Dichloro-2-butene	46	
541-73-1	1,3-Dichlorobenzene	49	
106-46-7	1,4-Dichlorobenzene	49	
95-50-1	1,2-Dichlorobenzene	49	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLVT SAMPLE NO.

MTWE LCS

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix: (soil/water) WATER Lab Sample ID: MTWE LCS

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: MTW50EQ2

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 08/24/00

GC Column: CAP ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
96-12-8	1,2-Dibromo-3-Chloropropane	50	
120-82-1	1,2,4-Trichlorobenzene	43	
87-68-3	Hexachlorobutadiene	39	
91-20-3	Naphthalene	50	
594-20-7	2,2-Dichloropropane	59	
563-58-6	1,1-Dichloropropene	54	
142-28-9	1,3-Dichloropropane	49	
108-86-1	Bromobenzene	49	
103-65-1	n-Propylbenzene	51	
95-49-8	2-Chlorotoluene	50	
106-43-4	4-Chlorotoluene	50	
108-67-8	1,3,5-Trimethylbenzene	49	
98-06-6	tert-Butylbenzene	58	
95-63-6	1,2,4-Trimethylbenzene	49	
135-98-8	sec-Butylbenzene	46	
99-87-6	4-Isopropyltoluene	48	
104-51-8	n-Butylbenzene	46	
87-61-6	1,2,3-Trichlorobenzene	49	

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

	STLVT SAMPLE NO.	SMC1 (TOL) #	SMC2 (DCE) #	SMC3 (BFB) #	OTHER (DCB) #	TOT OUT
01	MTWE LCS	99	119	104	101	0
02	VBLKB7	97	114	108	102	0
03	MW-3	91	112	105	101	0
04	MW-104	93	110	104	100	0
05	MW-2A	98	117	109	104	0
06	FIELD BLANK	96	114	107	101	0
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		QC LIMITS
SMC1 (TOL)	= Toluene-d8	(88-110)
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(72-141)
SMC3 (BFB)	= Bromofluorobenzene	(72-122)
OTHER (DCB)	= 1,2-Dichlorobenzene-d4	(69-124)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix Spike - STLVT Sample No.: MTWE LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	50		45	90	78-116
Chloromethane	50		47	94	68-118
Vinyl Chloride	50		48	96	78-118
Bromomethane	50		47	94	72-118
Chloroethane	50		48	96	65-113
Trichlorofluoromethane	50		44	88	67-111
Acrolein	50		58	116	60-140
Freon TF	50		46	92	60-140
1,1-Dichloroethene	50		53	106	75-113
Acetone	50		50	100	60-140
Methyl Iodide	50		36	72	60-140
Carbon Disulfide	50		38	76	60-140
Allyl Chloride	50		55	110	60-140
Methylene Chloride	50		53	106	80-110
Acrylonitrile	50		50	100	60-140
trans-1,2-Dichloroethen	50		57	114*	77-109
1,2-Dichloroethene (tot	100		100	100	60-140
Methyl-t-Butyl Ether	50		49	98	60-140
1,1-Dichloroethane	50		52	104	81-111
Vinyl Acetate	50		57	114	60-140
Chloroprene	50		46	92	60-140
cis-1,2-Dichloroethene	50		50	100	81-121
2-Butanone	50		52	104	60-140
Propionitrile	200		180	90	60-140
Methacrylonitrile	50		48	96	60-140
Bromochloromethane	50		49	98	73-107
Tetrahydrofuran	500		510	102	60-140
Chloroform	50		50	100	74-106

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix Spike - STLVT Sample No.: MTWE LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,1,1-Trichloroethane	50		50	100	74-122
Carbon Tetrachloride	50		52	104	62-106
Isobutyl Alcohol	2500		2800	112	60-140
Benzene	50		54	108	78-116
1,2-Dichloroethane	50		52	104	80-110
Trichloroethene	50		49	98	70-109
1,2-Dichloropropane	50		50	100	79-115
Methyl Methacrylate	50		52	104	60-140
Dibromomethane	50		49	98	83-117
1,4-Dioxane	2500		2200	88	60-140
Bromodichloromethane	50		47	94	78-112
2-Chloroethyl Vinyl Eth	50		52	104	60-140
cis-1,3-Dichloropropene	50		51	102	60-140
4-Methyl-2-pentanone	50		52	104	60-140
Toluene	50		51	102	78-126
trans-1,3-Dichloroprope	50		50	100	60-140
Ethyl Methacrylate	50		52	104	60-140
1,1,2-Trichloroethane	50		47	94	81-126
Tetrachloroethene	50		34	68*	71-107
2-Hexanone	50		50	100	60-140
Dibromochloromethane	50		46	92	72-112
1,2-Dibromoethane	50		48	96	90-114
Chlorobenzene	50		49	98	81-115
1,1,1,2-Tetrachloroetha	50		47	94	72-108
Ethylbenzene	50		49	98	74-124
Xylene (m,p)	100		100	100	78-116
Xylene (total)	150		150	100	60-140
Xylene (o)	50		48	96	81-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Matrix Spike - STLVT Sample No.: MTWE LCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Styrene	50		48	96	80-124
Bromoform	50		44	88	82-120
Isopropylbenzene	50		48	96	78-124
cis-1,4-Dichloro-2-bute	50		48	96	60-140
1,1,2,2-Tetrachloroetha	50		47	94	74-108
1,2,3-Trichloropropane	50		47	94	81-137
trans-1,4-Dichloro-2-bu	50		46	92	60-140
1,3-Dichlorobenzene	50		49	98	79-119
1,4-Dichlorobenzene	50		49	98	83-123
1,2-Dichlorobenzene	50		49	98	76-110
1,2-Dibromo-3-Chloropro	50		50	100	33-132
1,2,4-Trichlorobenzene	50		43	86	81-135
Hexachlorobutadiene	50		39	78*	80-120
Naphthalene	50		50	100	78-130
2,2-Dichloropropane	50		59	118	42-130
1,1-Dichloropropene	50		54	108	72-124
1,3-Dichloropropane	50		49	98	79-113
Bromobenzene	50		49	98	84-116
n-Propylbenzene	50		51	102	83-117
2-Chlorotoluene	50		50	100	73-107
4-Chlorotoluene	50		50	100	74-124
1,3,5-Trimethylbenzene	50		49	98	72-112
tert-Butylbenzene	50		58	116	80-124
1,2,4-Trimethylbenzene	50		49	98	75-123
sec-Butylbenzene	50		46	92	77-123
4-Isopropyltoluene	50		48	96	79-119
n-Butylbenzene	50		46	92	77-123
1,2,3-Trichlorobenzene	50		49	98	81-137

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 3 out of 84 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

STLVT SAMPLE NO.

VBLKB7

Lab Name: STL BURLINGTON Contract: 20000

Lab Code: STLVT Case No.: 20000 SAS No.: SDG No.: 79430

Lab File ID: MTWB01E Lab Sample ID: VBLKB7

Date Analyzed: 08/24/00 Time Analyzed: 2044

GC Column: CAP ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	STLVT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MTWE LCS	MTWE LCS	MTW50EQ2	1948
02	MW-3	427797	427797	0018
03	MW-104	427798	427798	0048
04	MW-2A	427799	427799	0117
05	FIELD BLANK	427800	427800	0147
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

COMMENTS:

APPENDIX B

STANDARDS COMPARISION

Francis R Folino
Essex Jct., VT
VOCs in MW104 (ug/l)

	DW MCL	DW HA	GW ES	GW PAL	10-Aug-99	18-Aug-00
Compound						
Acetone		700	700	350	<20	<5.0
Acrolein						<5.0
Acrylonitrile						<5.0
Allyl Chloride						<5.0
Benzene	5		5	0.5	<5.0	<5.0
Bromobenzene						<5.0
Bromochloromethane						<5.0
Bromodichloromethane			0.6	0.5	<5.0	<5.0
Bromoform			4	0.5	<5.0	<5.0
Bromomethane		10	10	1	<5.0	<5.0
2-Butanone (MEK)					<10	<5.0
n-Butylbenzene						<5.0
sec-Butylbenzene						<5.0
tert-Butylbenzene						<5.0
Carbon Disulfide					<10	<5.0
Carbon Tetrachloride	5		5	0.5	<5.0	<5.0
Chlorobenzene	100		100	50	<5.0	<5.0
Chloroethane					<5.0	<5.0
2-Chloroethyl Vinyl Ether						<5.0
Chloroform			6	0.6	<5.0	2.4J
Chloromethane		3	3	1.5	<5.0	<5.0
Chloroprene						<5.0
2-Chlorotoluene						<5.0
4-Chlorotoluene						<5.0
1,2-Dibromo-3-chloropropane						<5.0
Dibromochloromethane			60	6	<5.0	<5.0
1,2-Dibromoethane						<5.0
Dibromomethane						<5.0
1,2-Dichlorobenzene						<5.0
1,3-Dichlorobenzene						<5.0
1,4-Dichlorobenzene						<5.0
cis-1,4-Dichloro-2-butene						<5.0
trans-1,4 Dichloro-2-butene						<5.0
Dichlorodifluoromethane						<5.0
1,1-Dichloroethane		70	70	35	<5.0	<5.0
1,2-Dichloroethane	5		5	0.5	<5.0	<5.0
1,1-Dichloroethene					<5.0	<5.0
cis-1,2-Dichloroethene	70		70	35	<5.0	<5.0
trans-1,2-Dichloroethene	100		100	50	<5.0	<5.0
1,2-Dichloropropane					<5.0	<5.0
1,3-Dichloropropane						<5.0
2,2-Dichloropropane						<5.0
1,1-Dichloropropene						<5.0
cis-1,3-Dichloropropene					<5.0	<5.0
trans-1,3-Dichloropropene					<5.0	<5.0
1,4-Dioxane						<250

Francis R Folino
Essex Jct., VT
VOCs in MW104 (ug/l)

	DW MCL	DW HA	GW ES	GW PAL	10-Aug-99	18-Aug-00
Compound						
Ethyl Methacrylate						<5.0
Ethylbenzene	700		700	350	<5.0	<5.0
Freon TF						<5.0
Hexachlorobutadiene						<5.0
2-Hexanone					<10	<5.0
Isobutyl alcohol						<250
Isopropylbenzene						<5.0
4-Isopropyltoluene						<5.0
Methacrylonitrile						<5.0
Methyl Iodide						<5.0
Methyl Methacrylate						<5.0
4-Methyl-2-pentanone					<10	<5.0
Methyl-t-Butyl Ether			[illegible]		<5.0	1.5J
Methylene Chloride	5		5	0.5	<5.0	<5.0
Naphthalene						<5.0
Propionitrile						<20
n-Propylbenzene						<5.0
Styrene	100		100	50	<5.0	<5.0
1,1,1,2-Tetrachloroethane						<5.0
1,1,2,2-Tetrachloroethane					<5.0	<5.0
Tetrachloroethene	5	0.7	5	0.5	<5.0	2.4J
Tetrahydrofuran						<50
Toluene	1000		1000	500	<5.0	<5.0
1,2,3-Trichlorobenzene						<5.0
1,2,4-Trichlorobenzene						<5.0
1,2,4-Trimethylbenzene						<5.0
1,3,5-Trimethylbenzene						<5.0
1,1,1-Trichloroethane	200		200	100	<5.0	<5.0
1,1,2-Trichloroethane	5		5	2.5	<5.0	<5.0
Trichloroethene	5		5	0.5	<5.0	<5.0
Trichlorofluoromethane						<5.0
1,2,3-Trichloropropane						<5.0
Vinyl Acetate						<5.0
Vinyl Chloride	2		2	0.5	<2.0	<5.0
Xylene (m,p)					<5.0	<5.0
Xylene (o)					<5.0	<5.0

DW MCL = Drinking Water Maximum Contaminant Level (US EPA and VT DOH)
DW HA = Drinking Water Health Advisory (VT DOH)
GW ES = Groundwater Enforcement Standard (VT DEC)
GW PAL = Groundwater Preventative Action Level (VT DEC)

Francis R. Folino
Essex Jct., VT
VOCs in MW2A (ug/l)

	DW MCL	DW HA	GW ES	GW PAL	10-Aug-99	18-Aug-00
Compound						
Acetone		700	700	350	<20	<5.0
Acrolein						<5.0
Acrylonitrile						<5.0
Allyl Chloride						<5.0
Benzene	5		5	0.5	<5.0	<5.0
Bromobenzene						<5.0
Bromochloromethane						<5.0
Bromodichloromethane			0.6	0.5	<5.0	<5.0
Bromoform			4	0.5	<5.0	<5.0
Bromomethane		10	10	1	<5.0	<5.0
2-Butanone					<10	<5.0
n-Butylbenzene						<5.0
sec-Butylbenzene						<5.0
tert-Butylbenzene						<5.0
Carbon Disulfide					<10	<5.0
Carbon Tetrachloride	5		5	0.5	<5.0	<5.0
Chlorobenzene	100		100	50	<5.0	<5.0
Chloroethane					<5.0	<5.0
2-Chloroethyl Vinyl Ether						<5.0
Chloroform			6	0.6	<5.0	1.4J
Chloromethane		3	3	1.5	<5.0	<5.0
Chloroprene						<5.0
2-Chlorotoluene						<5.0
4-Chlorotoluene						<5.0
1,2-Dibromo-3-chloropropane						<5.0
Dibromochloromethane			60	6	<5.0	<5.0
1,2-Dibromoethane						<5.0
Dibromomethane						<5.0
1,2-Dichlorobenzene						<5.0
1,3-Dichlorobenzene						<5.0
1,4-Dichlorobenzene						<5.0
cis-1,4-Dichloro-2-butene						<5.0
trans-1,4 Dichloro-2-butene						<5.0
Dichlorodifluoromethane						<5.0
1,1-Dichloroethane		70	70	35	<5.0	<5.0
1,2-Dichloroethane	5		5	0.5	<5.0	<5.0
1,1-Dichloroethene					<5.0	<5.0
cis-1,2-Dichloroethene	70		70	35	<5.0	<5.0
trans-1,2-Dichloroethene	100		100	50	<5.0	<5.0
1,2-Dichloropropane					<5.0	<5.0
1,3-Dichloropropane						<5.0
2,2-Dichloropropane						<5.0
1,1-Dichloropropene						<5.0
cis-1,3-Dichloropropene					<5.0	<5.0
trans-1,3-Dichloropropene					<5.0	<5.0
1,4-Dioxane						<250

Francis R. Folino
Essex Jct., VT
VOCs in MW2A (ug/l)

	DW MCL	DW HA	GW ES	GW PAL	10-Aug-99	18-Aug-00
Compound						
Ethyl Methacrylate						<5.0
Ethylbenzene	700		700	350	<5.0	<5.0
Freon TF						<5.0
Hexachlorobutadiene						<5.0
2-Hexanone					<10	<5.0
Isobutyl alcohol						<250
Isopropylbenzene						<5.0
4-Isopropyltoluene						<5.0
Methacrylonitrile						<5.0
Methyl Iodide						<5.0
Methyl Methacrylate						<5.0
4-Methyl-2-pentanone					<10	<5.0
Methyl-t-Butyl Ether					<5.0	[illegible]
Methylene Chloride	5		5	0.5	<5.0	<5.0
Naphthalene						<5.0
Propionitrile						<20
n-Propylbenzene						<5.0
Styrene	100		100	50	<5.0	<5.0
1,1,1,2-Tetrachloroethane						<5.0
1,1,2,2-Tetrachloroethane					<5.0	<5.0
Tetrachloroethene	5	0.7	5	0.5	11	<5.0
Tetrahydrofuran						<50
Toluene	1000		1000	500	<5.0	<5.0
1,2,3-Trichlorobenzene						<5.0
1,2,4-Trichlorobenzene						<5.0
1,2,4-Trimethylbenzene						<5.0
1,3,5-Trimethylbenzene						<5.0
1,1,1-Trichloroethane	200		200	100	<5.0	<5.0
1,1,2-Trichloroethane	5		5	2.5	<5.0	<5.0
Trichloroethene	5		5	0.5	<5.0	<5.0
Trichlorofluoromethane						<5.0
1,2,3-Trichloropropane						<5.0
Vinyl Acetate						<5.0
Vinyl Chloride	2		2	0.5	<2.0	<5.0
Xylene (m,p)					<5.0	<5.0
Xylene (o)					<5.0	<5.0

DW MCL = Drinking Water Maximum Contaminant Level (US EPA and VT DOH)
DW HA = Drinking Water Health Advisory (VT DOH)
GW ES = Groundwater Enforcement Standard (VT DEC)
GW PAL = Groundwater Preventative Action Level (VT DEC)

Francis R. Folino
Essex Jct., VT
VOCs in MW 3 (ug/l)

	DW MCL	DW HA	GW ES	GW PAL	10-Aug-99	18-Aug-00
Compound						
Acetone		700	700	350	<20	<5.0
Acrolein						<5.0
Acrylonitrile						<5.0
Allyl Chloride						<5.0
Benzene	5		5	0.5	<5.0	<5.0
Bromobenzene						<5.0
Bromochloromethane						<5.0
Bromodichloromethane			0.6	0.5	<5.0	<5.0
Bromoform			4	0.5	<5.0	<5.0
Bromomethane		10	10	1	<5.0	<5.0
2-Butanone					<10	<5.0
n-Butylbenzene						<5.0
sec-Butylbenzene						<5.0
tert-Butylbenzene						<5.0
Carbon Disulfide					<10	<5.0
Carbon Tetrachloride	5		5	0.5	<5.0	<5.0
Chlorobenzene	100		100	50	<5.0	<5.0
Chloroethane					<5.0	<5.0
2-Chloroethyl Vinyl Ether						<5.0
Chloroform			6	0.6	<5.0	<5.0
Chloromethane		3	3	1.5	<5.0	<5.0
Chloroprene						<5.0
2-Chlorotoluene						<5.0
4-Chlorotoluene						<5.0
1,2-Dibromo-3-chloropropane						<5.0
Dibromochloromethane			60	6	<5.0	<5.0
1,2-Dibromoethane						<5.0
Dibromomethane						<5.0
1,2-Dichlorobenzene						<5.0
1,3-Dichlorobenzene						<5.0
1,4-Dichlorobenzene						<5.0
cis-1,4-Dichloro-2-butene						<5.0
trans-1,4 Dichloro-2-butene						<5.0
Dichlorodifluoromethane						<5.0
1,1-Dichloroethane		70	70	35	<5.0	<5.0
1,2-Dichloroethane	5		5	0.5	<5.0	<5.0
1,1-Dichloroethene					<5.0	<5.0
cis-1,2-Dichloroethene	70		70	35	<5.0	<5.0
trans-1,2-Dichloroethene	100		100	50	<5.0	<5.0
1,2-Dichloropropane					<5.0	<5.0
1,3-Dichloropropane						<5.0
2,2-Dichloropropane						<5.0
1,1-Dichloropropene						<5.0
cis-1,3-Dichloropropene					<5.0	<5.0
trans-1,3-Dichloropropene					<5.0	<5.0
1,4-Dioxane						<250

Francis R. Folino
Essex Jct., VT
VOCs in MW 3 (ug/l)

	DW MCL	DW HA	GW ES	GW PAL	10-Aug-99	18-Aug-00
Compound						
Ethyl Methacrylate						<5.0
Ethylbenzene	700		700	350	<5.0	<5.0
Freon TF						<5.0
Hexachlorobutadiene						<5.0
2-Hexanone					<10	<5.0
Isobutyl alcohol						<250
Isopropylbenzene						<5.0
4-Isopropyltoluene						<5.0
Methacrylonitrile						<5.0
Methyl Iodide						<5.0
Methyl Methacrylate						<5.0
4-Methyl-2-pentanone					<10	<5.0
Methyl-t-Butyl Ether					<5.0	<5.0
Methylene Chloride	5		5	0.5	<5.0	<5.0
Naphthalene						<5.0
Propionitrile						<20
n-Propylbenzene						<5.0
Styrene	100		100	50	<5.0	<5.0
1,1,1,2-Tetrachloroethane						<5.0
1,1,2,2-Tetrachloroethane					<5.0	<5.0
Tetrachloroethene	5	0.7	5	0.5	9	5.8
Tetrahydrofuran						<50
Toluene	1000		1000	500	<5.0	<5.0
1,2,3-Trichlorobenzene						<5.0
1,2,4-Trichlorobenzene						<5.0
1,2,4-Trimethylbenzene						<5.0
1,3,5-Trimethylbenzene						<5.0
1,1,1-Trichloroethane	200		200	100	<5.0	2.2J
1,1,2-Trichloroethane	5		5	2.5	<5.0	<5.0
Trichloroethene	5		5	0.5	<5.0	<5.0
Trichlorofluoromethane						<5.0
1,2,3-Trichloropropane						<5.0
Vinyl Acetate						<5.0
Vinyl Chloride	2		2	0.5	<2.0	<5.0
Xylene (m,p)					<5.0	<5.0
Xylene (o)					<5.0	<5.0

DW MCL = Drinking Water Maximum Contaminant Level (US EPA and VT DOH)
DW HA = Drinking Water Health Advisory (VT DOH)
GW ES = Groundwater Enforcement Standard (VT DEC)
GW PAL = Groundwater Preventative Action Level (VT DEC)

Francis R. Folino
Essex Jct., VT
VOCs in Field Blank, (ug/l)

	DW MCL	DW HA	GW ES	GW PAL	10-Aug-99	18-Aug-00
Compound						
Acetone		700	700	350	<20	<5.0
Acrolein						<5.0
Acrylonitrile						<5.0
Allyl Chloride						<5.0
Benzene	5		5	0.5	<5.0	<5.0
Bromobenzene						<5.0
Bromochloromethane						<5.0
Bromodichloromethane			0.6	0.5	<5.0	<5.0
Bromoform			4	0.5	<5.0	<5.0
Bromomethane		10	10	1	<5.0	<5.0
2-Butanone					<10	<5.0
n-Butylbenzene						<5.0
sec-Butylbenzene						<5.0
tert-Butylbenzene						<5.0
Carbon Disulfide					<10	<5.0
Carbon Tetrachloride	5		5	0.5	<5.0	<5.0
Chlorobenzene	100		100	50	<5.0	<5.0
Chloroethane					<5.0	<5.0
2-Chloroethyl Vinyl Ether						<5.0
Chloroform			6	0.6	<5.0	<5.0
Chloromethane		3	3	1.5	<5.0	<5.0
Chloroprene						<5.0
2-Chlorotoluene						<5.0
4-Chlorotoluene						<5.0
1,2-Dibromo-3-chloropropane						<5.0
Dibromochloromethane			60	6	<5.0	<5.0
1,2-Dibromoethane						<5.0
Dibromomethane						<5.0
1,2-Dichlorobenzene						<5.0
1,3-Dichlorobenzene						<5.0
1,4-Dichlorobenzene						<5.0
cis-1,4-Dichloro-2-butene						<5.0
trans-1,4 Dichloro-2-butene						<5.0
Dichlorodifluoromethane						<5.0
1,1-Dichloroethane		70	70	35	<5.0	<5.0
1,2-Dichloroethane	5		5	0.5	<5.0	<5.0
1,1-Dichloroethene					<5.0	<5.0
cis-1,2-Dichloroethene	70		70	35	<5.0	<5.0
trans-1,2-Dichloroethene	100		100	50	<5.0	<5.0
1,2-Dichloropropane					<5.0	<5.0
1,3-Dichloropropane						<5.0
2,2-Dichloropropane						<5.0
1,1-Dichloropropene						<5.0
cis-1,3-Dichloropropene					<5.0	<5.0
trans-1,3-Dichloropropene					<5.0	<5.0
1,4-Dioxane						<250

Francis R. Folino
Essex Jct., VT
VOCs in Field Blank, (ug/l)

Compound	DW MCL	DW HA	GW ES	GW PAL	10-Aug-99	18-Aug-00
Ethyl Methacrylate						<5.0
Ethylbenzene	700		700	350	<5.0	<5.0
Freon TF						<5.0
Hexachlorobutadiene						<5.0
2-Hexanone					<10	<5.0
Isobutyl alcohol						<250
Isopropylbenzene						<5.0
4-Isopropyltoluene						<5.0
Methacrylonitrile						<5.0
Methyl Iodide						<5.0
Methyl Methacrylate						<5.0
4-Methyl-2-pentanone					<10	<5.0
Methyl-t-Butyl Ether			40		<5.0	<5.0
Methylene Chloride	5		5	0.5	<5.0	<5.0
Naphthalene						<5.0
Propionitrile						<20
n-Propylbenzene						<5.0
Styrene	100		100	50	<5.0	<5.0
1,1,1,2-Tetrachloroethane						<5.0
1,1,2,2-Tetrachloroethane					<5.0	<5.0
Tetrachloroethene	5	0.7	5	0.5	<5.0	<5.0
Tetrahydrofuran						<50
Toluene	1000		1000	500	<5.0	<5.0
1,2,3-Trichlorobenzene						<5.0
1,2,4-Trichlorobenzene						<5.0
1,2,4-Trimethylbenzene						<5.0
1,3,5-Trimethylbenzene						<5.0
1,1,1-Trichloroethane	200		200	100	<5.0	<5.0
1,1,2-Trichloroethane	5		5	2.5	<5.0	<5.0
Trichloroethene	5		5	0.5	<5.0	<5.0
Trichlorofluoromethane						<5.0
1,2,3-Trichloropropane						<5.0
Vinyl Acetate						<5.0
Vinyl Chloride	2		2	0.5	<2.0	<5.0
Xylene (m,p)					<5.0	<5.0
Xylene (o)					<5.0	<5.0

DW MCL = Drinking Water Maximum Contaminant Level (US EPA and VT DOH)
DW HA = Drinking Water Health Advisory (VT DOH)
GW ES = Groundwater Enforcement Standard (VT DEC)
GW PAL = Groundwater Preventative Action Level (VT DEC)

APPENDIX C

HISTORICAL TRENDS

Table 1

Concentration of 1,1,1-Trichloroethane[1] (1,1,1-TCA) (ug/L)
Former Folino Industries Site
11 Morse Drive, Essex Junction, Vermont

Date/Well	W	W2[2]	MW-2A[3]	MW-3	87-1	87-2	MW-101	MW-102	MW-103	MW-104
17-Oct-86	26	25	---	---	---	---	---	---	---	---
4-Dec-86	41	33	---	74	---	---	---	---	---	---
9-Feb-87	NS	63	---	486	BQL	357	---	---	---	---
19-Nov-87	NS	1100	---	140	BQL	360	---	---	---	---
4-May-89	NS	427	---	56	BQL	NS	---	---	---	---
11-Jul-90	NS	290	---	40	BQL	NS	300	64	150	260
25-Oct-91	27 (29)	38 (28)	---	BQL (5)	QL (BQL	14 (18)	50 (47)	8 (9)	6 (5)	64 (60)
20-Mar-92	NS	16	---	3 (3)	0.6	5	18	3	2	48
15-May-95	BQL	15	---	1 (1)	BQL	9	16	4	3	54
20-Aug-92	BQL	5 (3)	---	1	BQL	15	12	2	NS*	18
7-Jul-93	NS	24	---	BQL	NS	NS	NS	NS	NS	16
25-Feb-94	NS	NS	---	BQL	NS	NS	NS	NS	NS	11
3-May-95	NS	NS	36	ND	NS	NS	NS	NS	NS	3.8
14-May-97	NS	NS	13	ND	NS	NS	NS	NS	NS	3
9-Jun-98	NS	NS	8	BQL	NS	NS	NS	NS	NS	BQL
10-Aug-99	NS	NS	BQL	BQL	NS	NS	NS	NS	NS	BQL
18-Aug-99	NS	NS	BQL	2.2J	NS	NS	NS	NS	NS	BQL

NOTE:

ND Non-detect

BQL = Below Quantitation Limit

NS = Not Sampled

* = Well destroyed during remedial activities

--- = Well not yet installed

Replicate analysis in parentheses. Replicates from 10/25/91 were sampled by personnel from GEI Consultants.

[1] The Vermont Groundwater Enforcement Standard for TCE is 5.0 ug/L.

[2] Well has been abandoned and replaced.

[3] MW-2A is replacement well installed in 1994.

Table 2

Concentration of Tricholoroethene [1] (TCE) (ug/L)
Former Folino Industries Site
11 Morse Drive, Essex Junction, Vermont

Date/Well	W	W2[2]	MW-2A[3]	MW-3	87-1	87-2	MW-101	MW-102	MW-103	MW-104
17-Oct-86	11	BQL	---	BQL	---	---	---	---	---	---
4-Dec-86	12	1	—	BQL	---	---	---	---	---	---
9-Feb-87	NS	BQL	---	BQL	BQL	47	---	---	---	---
19-Nov-87	NS	BQL	---	BQL	BQL	46	---	—	---	---
4-May-89	NS	BQL	---	BQL	BQL	NS	---	—	---	---
11-Jul-90	NS	BQL	---	BQL	BQL	NS	8	BQL	8	BQL
25-Oct-91	2 (3)	BQL	---	BQL	BQL	10 (15)	BQL	BQL	4 (6)	BQL
20-Mar-92	NS	BQL	—	BQL	BQL	1	3	BQL	1	BQL
15-May-95	NS	BQL	---	BQL	BQL	2	4	BQL	2	BQL
20-Aug-92	NS	2 (BQL)	---	BQL	BQL	6	7	BQL	NS*	2
7-Jul-93	NS	BQL	---	BQL	NS	NS	NS	NS	NS	BQL
25-Feb-94	NS	NS	---	ND	NS	NS	NS	NS	NS	ND
3-May-95	NS	NS	ND	ND	NS	NS	NS	NS	NS	ND
14-May-97	NS	NS	ND	ND	NS	NS	NS	NS	NS	ND
9-Jun-98	NS	NS	BQL	BQL	NS	NS	NS	NS	NS	BQL
10-Aug-99	NS	NS	BQL	BQL	NS	NS	NS	NS	NS	BQL
18-Aug-99	NS	NS	BQL	BQL	NS	NS	NS	NS	NS	BQL

NOTE:

ND – Non-detect

BQL = Below Quantitation Limit

NS = Not Sampled

* – Well destroyed during remedial activities

--- = Well not yet installed

Replicate analysis in parentheses. Replicates from 10/25/91 were sampled by personnel from GEI Consultants

[1] The Vermont Groundwater Enforcement Standard for TCE is 5.0 ug/L.

[2] Well has been abandoned and replaced.

[3] MW-2A is replacement well installed in 1994.

Table 3

Concentration of Tetrachloroethene[1] (PCE) (ug/L)
Former Folino Industries Site
11 Morse Drive, Essex Junction, Vermont

Date/Well	W	W2[2]	MW-2A[3]	MW-3	87-1	87-2	MW-101	MW-102	MW-103	MW-104
17-Oct-86	30	18	---	52	---	---	---	---	---	---
4-Dec-86	40	24	---	190	---	---	---	---	---	---
9-Feb-87	NS	289	---	515	BQL	157	---	---	---	---
19-Nov-87	NS	140	---	170	BQL	64	---	---	---	---
4-May-89	NS	4 (6)	---	146	BQL	NS	---	---	---	---
11-Jul-90	NS	100	---	200	BQL	NS	39	53	7	140
25-Oct-91	19 (28)	85	---	93 (126)	BQL	14 (19)	37 (64)	10 (15)	9 (12)	75 (94)
20-Mar-92	NS	83 (86)	---	37 (34)	BQL	2	10	6	2	160
15-May-95	NS	24	---	22 (24)	BQL	4	11	7	2	110
20-Aug-92	NS	NS	---	32	BQL	6	8	6	NS*	77
7-Jul-93	NS	NS	---	10	NS	NS	NS	NS	NS	78
25-Feb-94	NS	NS	---	51	NS	NS	NS	NS	NS	38
3-May-95	NS	NS	74	15	NS	NS	NS	NS	NS	3.4
14-May-97	NS	NS	25	5	NS	NS	NS	NS	NS	9
9-Jun-98	NS	NS	15	9	NS	NS	NS	NS	NS	6
10-Aug-99	NS	NS	11	9	NS	NS	NS	NS	NS	BQL
18-Aug-99	NS	NS	BQL	5.8	NS	NS	NS	NS	NS	2.4J

NOTE:

ND = Non-detect

BQL = Below Quantitation Limit

NS = Not Sampled

* = Well destroyed during remedial activities

--- = Well not yet installed

Replicate analysis in parentheses. Replicates from 10/25/91 were sampled by personnel from GEI Consultants.

[1] The Vermont Groundwater Enforcement Standard for TCE is 5.0 ug/L.

[2] Well has been abandoned and replaced.

[3] MW-2A is replacement well installed in 1994.