LAUREL ENVIRONMENTAL ASSOCIATES, LTD
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PHONE: (631) 673-0612 • FAX: (631) 427-5323
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QUARTERLY PROGRESS REPORT
REMEDIAL CORRECTIVE ACTION
NYSDEC Voluntary Cleanup Agreement #D1-0001-97-04

INDUSTRIAL PROPERTY
100 COMMERCIAL STREET
PLAINVIEW, NEW YORK 11803

PREPARED FOR:

NYSDEC
HAZARDOUS SITE CONTROL
SUNY BUILDING #40
STONY BROOK, NEW YORK 11790

DRESSES FOR LESS
100 COMMERCIAL STREET
PLAINVIEW, NEW YORK 11803

AND

CHASE MANHATTAN BANK
380 MADISON AVENUE, 9TH FLOOR
NEW YORK, NEW YORK, 10017

October 2, 2000

LEA PROJECT # 99123

Carla M. Sullivan, CES
Project Geologist

SCOTT A. YANUCK
Environmental • Assessment
#12200
Certified Professional Environmental Specialist

Scott A. Yanuck, CES
Hydrogeologist
President

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REPORT SPECIFICATIONS

This report contains (8) pages of text.

Copies and circulation of this report are as follows:

Two (2) bound copies to Dresses for Less, Mr. Donald Wiener.

Two (2) bound copies to Chase Manhattan Bank, Mr. Paul Levine.

One (1) bound copy to the NYSDEC, Mr. Jamie Ascher.

Two (2) copies in the confidential client file at ***Laurel Environmental Associates, Ltd. (LEA)***.

This report is prepared for the exclusive use of the principals noted above and is considered private and confidential. ***LEA*** shall not release this report or any of the findings of this report to any person or agency except with the authorization of the named principals.

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1.0 SCOPE OF WORK

Laurel Environmental Associates, Ltd. (LEA) was retained by Dresses for Less to oversee the Remedial Corrective Action as dictated in the Voluntary Cleanup Agreement at the subject property located at 100 Commercial Street, Plainview, New York. This report encompasses the quarterly groundwater sampling event that was conducted on August 2, 2000 with Jamie Ascher from the NYSDEC in attendance.

LEA completed or witnessed the following tasks:

1. Collection and analysis of groundwater samples from the five monitoring wells for volatile organic compounds using USEPA Method 8260.

2. Collection and analysis of a stack emissions sample.

3. Production of a Remedial Corrective Action Quarterly Report, comparing analytical results to regulatory guidelines. Specifically, to the Class GA Groundwater Standards presented in the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1): Ambient Water Quality and Guidance Values, October, 1993.

All sampling equipment was decontaminated using *Alconox*, a laboratory grade detergent and deionized water before and after each use to ensure that cross-contamination of samples was eliminated.

2.0 GROUNDWATER SAMPLING

On August 2, 2000, ***LEA*** purged the five monitoring wells prior to the sampling event. ***LEA*** Geologist Carla M. Sullivan conducted all sampling under the supervision of Mr. Jamie Ascher, from the NYSDEC. All field equipment, not considered disposable, was decontaminated using Alconox, a laboratory grade detergent, and rinsed with deionized water before and after use, to ensure cross-contamination of samples was eliminated.

Prior to and immediately after, the purging of the wells for sample collection, a static water level measurement to the nearest hundredth foot was recorded in each monitoring well. A volume of water equal to at least three times that standing in the screened casing was purged from the well before the samples were collected. A decontaminated submersible electric pump was used to remove the required volume of groundwater. Each well was pumped at a rate of 2.5 gallons per minute for approximately twenty minutes to properly purge the well. All water removed during the process was disposed of on-site.

A dedicated, pre-cleaned polyethylene, disposable bailer was attached to a dedicated nylon line. All sample bottles were filled directly from the bailer as soon as it was removed from the well. The samples were then immediately placed on ice, in a cooler under strict chain of custody procedures.

All groundwater samples, including the field blank, trip blank and blind duplicate, were analyzed for TCL VOCs at Severn Trent Laboratories, Newburgh, New York, a NYSDOH certified laboratory ID# 10142, EPA #NY049 using Method 8260. The results will be compared to the Class GA Groundwater Standards presented in the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1): Ambient Water Quality and Guidance Values, October 1993.

One blind duplicate groundwater sample known as MW-8, was gathered at the monitoring well known as MW-5. This sample, as well as future samples labeled as such, will be assigned this fictitious identification to ensure the applicability of the method. The analytical results between the sample/blind duplicate will be compared to evaluate whether the data reported by the laboratory are precise, accurate, representative and comparable.

One trip blank was utilized to evaluate the impact to the groundwater analytical results by sample transport, shipping and field conditions. One field blank (equipment rinsate blank) was collected and analyzed to determine if the field decontamination procedures were effective. It was collected by pouring analyte-free water through an unused disposable bailer into a sample jar.

All groundwater samples, including the field blank and blind duplicate, were analyzed for TCL VOCs using Method 8260, NYS ASP Category B Report, at Severn Trent Laboratories, Newburgh, New York, a NYSDOH certified laboratory ID# 10142, EPA #NY049. All future groundwater sampling events will be conducted and analyzed in the same manner, unless specified changes are either required or permitted by the NYSDEC. Please refer to Table III for analytical results. The complete results can be found in Appendix A and the Class GA Groundwater Standards presented in the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1): Ambient Water Quality and Guidance Values, October 1993 are included in Appendix B.

Please refer to Table II for the tabulated results of the volatile organic compounds detected within the groundwater samples. Table I outlines the comparison and decrease of analytes over the last four sampling events.

100 Commercial Street, Plainview, New York
Groundwater Sampling Comparision Results
Contaminants of Concern

	Sep-99	Dec-99	Apr-00	Aug-00
	MW-3	MW-3	MW-3	MW-3
1,1,1 Trichloroethane	8	BQL	BQL	BQL
Trichloroethene	3	BQL	BQL	BQL
Tetrachloroethene	20	1.4	BQL	0.8
	MW-4	MW-4	MW-4	MW-4
1,1,1 Trichloroethane	6	4.9	4	5
Trichloroethene	13	12	8	8.6
Tetrachloroethene	130	130	97	88
	MW-5	MW-5	MW-5	MW-5
1,1,1 Trichloroethane	6	4.1	2	2.2
Trichloroethene	15	9.9	6	3.7
Tetrachloroethene	180	150	77	58
	MW-7	MW-7	MW-7	MW-7
1,1,1 Trichloroethane	2	4.6	BQL	BQL
Trichloroethene	BQL	BQL	BQL	BQL
Tetrachloroethene	3	4.8	BQL	BQL
	MW-9	MW-9	MW-9	MW-9
1,1,1 Trichloroethane	NA	1.4	BQL	0.5
Trichloroethene	NA	1.8	BQL	1
Tetrachloroethene	NA	34	7	4.8

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100 Commercial Street, Plainview
Groundwater Sampling Event
Results from LEA and NYSDEC Split Samples are Indicated

Analyte/Location	MW-3		MW-4		MW-5		MW-7		MW-9		Field	Trip	MW-8*	NYSDEC
	LEA	NYSDEC	LEA	NYSDEC	LEA	NYSDEC	LEA	NYSDEC	LEA	NYSDEC	Blank	Blank	Blind Dup	Ambient GW
MTBE	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2	BQL	BQL	BQL	BQL	5
Tetrachloroethene	0.8	2	**88**	**160**	**58**	**110**	BQL	BQL	4.8	**10**	BQL	BQL	**54**	5
1,1,1 Tricholorethane	1.5	2	BQL	BQL	2.2	4	BQL	BQL	0.5	BQL	BQL	BQL	2.1	5
Tricholoroethene	BQL	BQL	**8.6**	**12**	3.7	**6**	BQL	BQL	BQL	BQL	BQL	BQL	3.5	5
1,1 Dichloroethane	BQL	BQL	1.2	BQL	BQL	4	BQL	BQL	BQL	BQL	BQL	BQL	BQL	5
cis-1,2-Dichloroethene	BQL	BQL	**9.5**	BQL	2.8	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2.5	5
Chloroform	0.9	1	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NA
Total VOC's	3.2	5	107.3	172	66.7	124	0	0	7.3	10	0	0	62.1	

All concentrations are in parts per billion (ppb)

BQL = below analytical quantitation level

Analytes not tabulated here are below analytical quantitation limits

Bold "= concentration over the NYSDEC Ambient GW Standards"

* = Blind Duplicate, MW-8 = MW-5

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3.0 STACK EMISSIONS TESTING

An air sample was collected from a sampling port in the stack emissions from the soil vapor extraction system. The sample was collected onto a SKC Anasorb CSC Orbo tube using a low flow pump. Laboratory analysis for halogenated hydrocarbons indicated the presence of tetrachloroethylene at 26 ug/m^3 and 1,1,1 trichloroethylene at 220 ug/ m^3. These concentrations are up significantly from stack emissions of tetrachloroethylene at 20 ug/m^3 and 1,1,1 trichloroethylene at 20 ug/m^3 detected in the April 10, 2000 sample, but well below the need for pre-emission treatment.

4.0 CONCLUSIONS

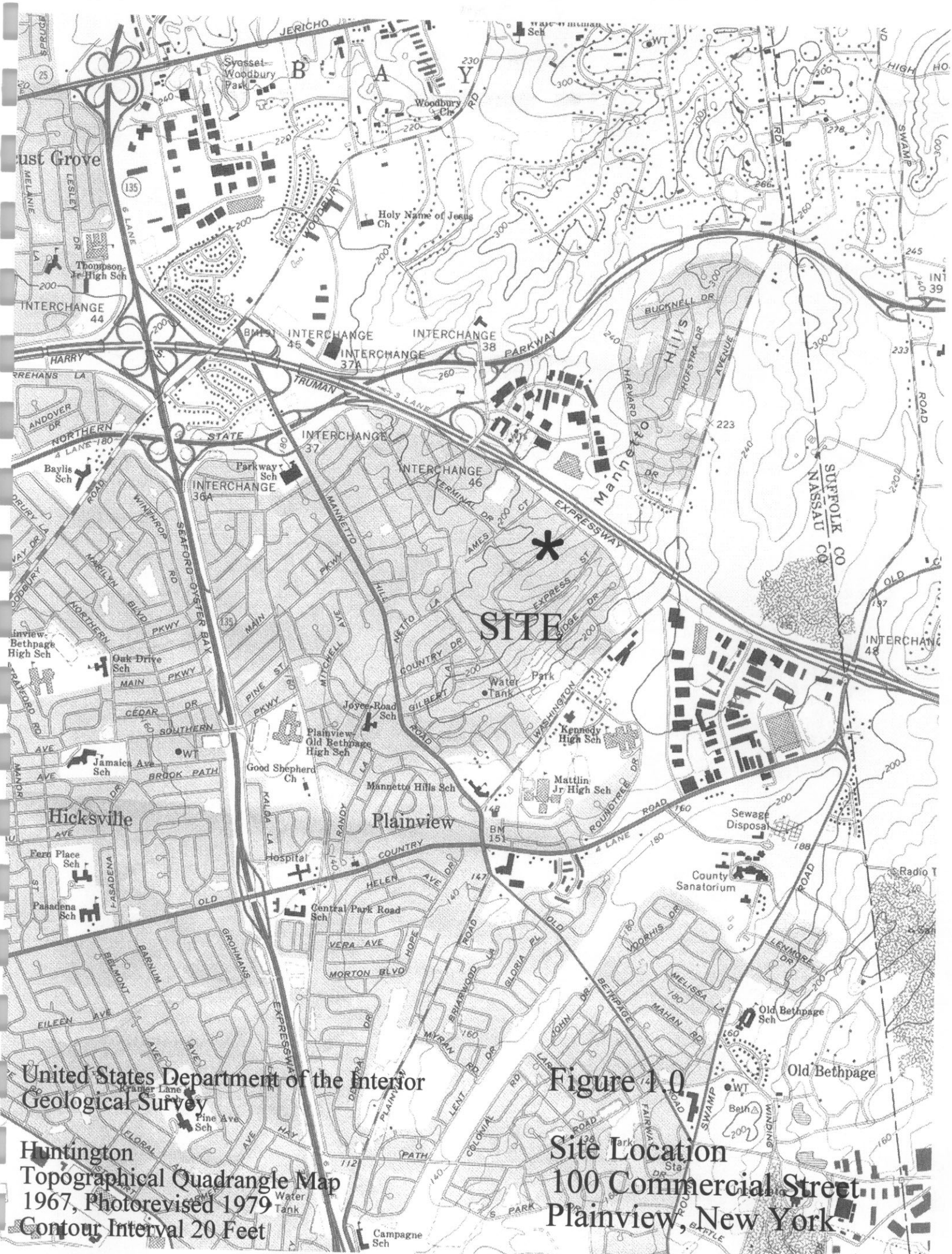
Based on analytical data from the most recent round of groundwater sampling, there has been a significant decrease in the concentrations of compounds of concern (COC), namely Trichloroethene, Tetrachloroethene and 1,1,1 Trichloroethane, in groundwater at the site. The presence of these compounds in stack emissions indicates that contaminants are effectively being removed from the soil and groundwater.

The previous quarterly round of sampling from April, 2000 had the sudden presence of low to moderate concentrations of BTEX and MTBE within the samples collected from the monitoring wells known as MW-3 and MW-9, the up-gradient wells located on the southwest and southeast quadrants of the subject property. These contaminates were not detected by analysis of samples from the August sampling event, with the exception of 2ppb of MTBE in MW-9.

Upon approval of Mr. Jamie Ascher of the NYSDEC, ***LEA*** will either, 1.) Commence with confirmatory soil sampling to conclude the remedial activities at the subject property or 2.) Reduce the groundwater sampling frequency from quarterly to bi-annually.

QA/AC Review by:_____

Lesley Lucchese

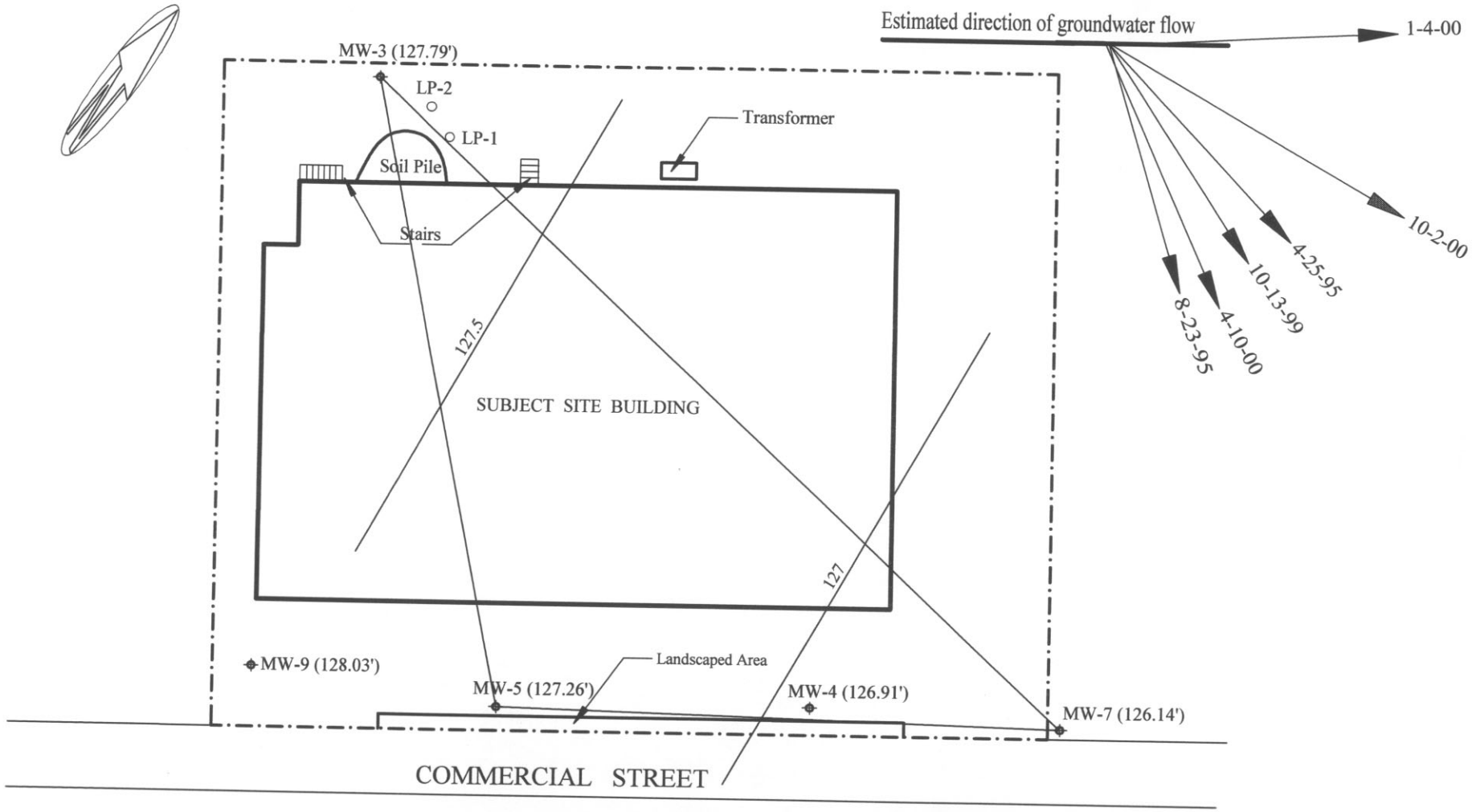


United States Department of the Interior
Geological Survey

Huntington
Topographical Quadrangle Map
1967, Photorevised 1979
Contour Interval 20 Feet

Figure 1.0

Site Location
100 Commercial Street
Plainview, New York



Monitoring Well Location with Groundwater Elevation

Leaching Pool

127 Groundwater Contour Interval

Groundwater Contour Triangle

80' 40' 0' 80'

Scale: 1" = 80'

Figure 2.0

Site Vicinity Map with Potentiometric Surface Surveyed on 2-OCT-00

100 Commercial Street
Plainview, New York

APPENDIX A

Laboratory Analytical Results

ECOTEST LABORATORIES, INC. *ENVIRONMENTAL TESTING*

377 SHEFFIELD AVE. • N. BABYLON, N.Y. 11703 • (631) 422-5777• FAX (631) 422-5770

LAB NO:203476.00 08/21/00

Laurel Environmental Associates, Ltd.
3 Lyn Court
Huntington, NY 11743
ATTN: Scott Yanuck

SOURCE OF SAMPLE: 100 Commercial Street, Plainview
COLLECTED BY: Client DATE COL'D:08/02/00 RECEIVED:08/03/00

SAMPLE: Air sample

ANALYTICAL PARAMETERS		
Chloromethane	ug/m3	<13
Bromomethane	ug/m3	<13
Dichlordifluomethane	ug/m3	<26
Vinyl Chloride	ug/m3	<13
Chloroethane	ug/m3	<13
Methylene Chloride	ug/m3	<13
Trichlorofluomethane	ug/m3	<26
1,1 Dichloroethene	ug/m3	13
1,1 Dichloroethane	ug/m3	26
1,2 Dichloroethene	ug/m3	130
Chloroform	ug/m3	<13
1,2 Dichloroethane	ug/m3	<13
111 Trichloroethane	ug/m3	220
Carbon Tetrachloride	ug/m3	<13
Bromodichloromethane	ug/m3	<13
1,2 Dichloropropane	ug/m3	<13
t-1,3Dichloropropene	ug/m3	<26
Trichloroethylene	ug/m3	<13
Chlorodibromomethane	ug/m3	13
112 Trichloroethane	ug/m3	<26
c-1,3Dichloropropene	ug/m3	<26
2chloroethvinylether	ug/m3	<26
Bromoform	ug/m3	<26
1122Tetrachloroethan	ug/m3	<26
Tetrachloroethene	ug/m3	26

ANALYTICAL PARAMETERS		
Chlorobenzene	ug/m3	<13
1,3 Dichlorobenzene	ug/m3	<26
1,2 Dichlorobenzene	ug/m3	<26
1,4 Dichlorobenzene	ug/m3	<26

cc:

REMARKS: Volume sampled: 4 liters

DIRECTOR

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-01

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6388

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.	U
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl Chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-69-4	Trichlorofluoromethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene Chloride	1.	U
156-60-5	trans-1,2-Dichloroethylene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
590-20-7	2,2-Dichloropropane	1.	U
159-59-4	cis-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	0.9	J
563-58-6	1,1-Dichloropropene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.5	
56-23-5	Carbon Tetrachloride	1.	U
71-43-2	Benzene	1.	U
79-01-6	Trichloroethene	1.	U
78-87-5	1,2-Dichloropropane	1.	U
74-95-3	Dibromomethane	1.	U
75-27-4	Bromodichloromethane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
142-28-9	1,3-Dichloropropane	1.	U
124-48-1	Dibromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
75-25-2	Bromoform	1.	U
108-88-3	Toluene	1.	U
127-18-4	Tetrachloroethene	0.8	J
108-90-7	Chlorobenzene	1.	U
630-20-6	1,1,1,2-Tetrachloroethane	1.	U
100-41-4	Ethylbenzene	1.	U
95-47-6	m,p-Xylene	1.	U
95-47-6	o-Xylene	1.	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-01

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6388

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.	U
96-18-4	1,2,3-Trichloropropane	1.	U
98-82-8	Isopropylbenzene	1.	U
108-86-1	Bromobenzene	1.	U
103-65-1	n-Propylbenzene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
95-49-8	2-Chlorotoluene	1.	U
106-43-4	4-Chlorotoluene	1.	U
108-67-8	1,3,5-Trimethylbenzene	1.	U
98-06-6	tert-Butylbenzene	1.	U
95-63-6	1,2,4-Trimethylbenzene	1.	U
135-98-8	sec-Butylbenzene	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
99-87-6	4-Isopropyltoluene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
104-51-8	n-Butylbenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U
87-68-3	Hexachlorobutadiene	1.	U
120-82-1	1,2,4-Trichlorobenzene	1.	U
91-20-3	Naphthalene	1.	U
87-61-6	1,2,3-Trichlorobenzene	1.	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-3

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-01

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6388

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
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16.					
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22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-02

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6389

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.	U
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl Chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-69-4	Trichlorofluoromethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene Chloride	1.	U
156-60-5	trans-1,2-Dichloroethylene	1.	U
75-34-3	1,1-Dichloroethane	1.2	
590-20-7	2,2-Dichloropropane	1.	U
159-59-4	cis-1,2-Dichloroethene	9.5	
67-66-3	Chloroform	1.	U
563-58-6	1,1-Dichloropropene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	5.	
56-23-5	Carbon Tetrachloride	1.	U
71-43-2	Benzene	1.	U
79-01-6	Trichloroethene	8.6	
78-87-5	1,2-Dichloropropane	1.	U
74-95-3	Dibromomethane	1.	U
75-27-4	Bromodichloromethane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
142-28-9	1,3-Dichloropropane	1.	U
124-48-1	Dibromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
75-25-2	Bromoform	1.	U
108-88-3	Toluene	88.	
127-18-4	Tetrachloroethene	1.	U
108-90-7	Chlorobenzene		
630-20-6	1,1,1,2-Tetrachloroethane	1.	U
100-41-4	Ethylbenzene	1.	U
95-47-6	m,p-Xylene	1.	U
95-47-6	o-Xylene	1.	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-02

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6389

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.	U
96-18-4	1,2,3-Trichloropropane	1.	U
98-82-8	Isopropylbenzene	1.	U
108-86-1	Bromobenzene	1.	U
103-65-1	n-Propylbenzene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
95-49-8	2-Chlorotoluene	1.	U
106-43-4	4-Chlorotoluene	1.	U
108-67-8	1,3,5-Trimethylbenzene	1.	U
98-06-6	tert-Butylbenzene	1.	U
95-63-6	1,2,4-Trimethylbenzene	1.	U
135-98-8	sec-Butylbenzene	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
99-87-6	4-Isopropyltoluene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
104-51-8	n-Butylbenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U
87-68-3	Hexachlorobutadiene	1.	U
120-82-1	1,2,4-Trichlorobenzene	1.	U
91-20-3	Naphthalene	1.	U
87-61-6	1,2,3-Trichlorobenzene	1.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-4

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-02

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6389

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-03

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6390

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.	U
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl Chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-69-4	Trichlorofluoromethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene Chloride	1.	U
156-60-5	trans-1,2-Dichloroethylene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
590-20-7	2,2-Dichloropropane	1.	U
159-59-4	cis-1,2-Dichloroethene	2.8	
67-66-3	Chloroform	1.	U
563-58-6	1,1-Dichloropropene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	2.2	
56-23-5	Carbon Tetrachloride	1.	U
71-43-2	Benzene	1.	U
79-01-6	Trichloroethene	3.7	
78-87-5	1,2-Dichloropropane	1.	U
74-95-3	Dibromomethane	1.	U
75-27-4	Bromodichloromethane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
142-28-9	1,3-Dichloropropane	1.	U
124-48-1	Dibromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
75-25-2	Bromoform	1.	U
108-88-3	Toluene	1.	U
127-18-4	Tetrachloroethene	58.	
108-90-7	Chlorobenzene	1.	U
630-20-6	1,1,1,2-Tetrachloroethane	1.	U
100-41-4	Ethylbenzene	1.	U
95-47-6	m,p-Xylene	1.	U
95-47-6	o-Xylene	1.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-03

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6390

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.	U
96-18-4	1,2,3-Trichloropropane	1.	U
98-82-8	Isopropylbenzene	1.	U
108-86-1	Bromobenzene	1.	U
103-65-1	n-Propylbenzene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
95-49-8	2-Chlorotoluene	1.	U
106-43-4	4-Chlorotoluene	1.	U
108-67-8	1,3,5-Trimethylbenzene	1.	U
98-06-6	tert-Butylbenzene	1.	U
95-63-6	1,2,4-Trimethylbenzene	1.	U
135-98-8	sec-Butylbenzene	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
99-87-6	4-Isopropyltoluene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
104-51-8	n-Butylbenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U
87-68-3	Hexachlorobutadiene	1.	U
120-82-1	1,2,4-Trichlorobenzene	1.	U
91-20-3	Naphthalene	1.	U
87-61-6	1,2,3-Trichlorobenzene	1.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-5

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-03

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6390

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-04

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6391

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.	U
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl Chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-69-4	Trichlorofluoromethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene Chloride	1.	U
156-60-5	trans-1,2-Dichloroethylene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
590-20-7	2,2-Dichloropropane	1.	U
159-59-4	cis-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
563-58-6	1,1-Dichloropropene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon Tetrachloride	1.	U
71-43-2	Benzene	1.	U
79-01-6	Trichloroethene	1.	U
78-87-5	1,2-Dichloropropane	1.	U
74-95-3	Dibromomethane	1.	U
75-27-4	Bromodichloromethane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
142-28-9	1,3-Dichloropropane	1.	U
124-48-1	Dibromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
75-25-2	Bromoform	1.	U
108-88-3	Toluene	1.	U
127-18-4	Tetrachloroethene	1.	U
108-90-7	Chlorobenzene	1.	U
630-20-6	1,1,1,2-Tetrachloroethane	1.	U
100-41-4	Ethylbenzene	1.	U
95-47-6	m,p-Xylene	1.	U
95-47-6	o-Xylene	1.	U

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

MW-7

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-04

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6391

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.	U
96-18-4	1,2,3-Trichloropropane	1.	U
98-82-8	Isopropylbenzene	1.	U
108-86-1	Bromobenzene	1.	U
103-65-1	n-Propylbenzene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
95-49-8	2-Chlorotoluene	1.	U
106-43-4	4-Chlorotoluene	1.	U
108-67-8	1,3,5-Trimethylbenzene	1.	U
98-06-6	tert-Butylbenzene	1.	U
95-63-6	1,2,4-Trimethylbenzene	1.	U
135-98-8	sec-Butylbenzene	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
99-87-6	4-Isopropyltoluene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
104-51-8	n-Butylbenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U
87-68-3	Hexachlorobutadiene	1.	U
120-82-1	1,2,4-Trichlorobenzene	1.	U
91-20-3	Naphthalene	1.	U
87-61-6	1,2,3-Trichlorobenzene	1.	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-7

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-04

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6391

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-05

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6402

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.	U
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl Chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-69-4	Trichlorofluoromethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene Chloride	1.	U
156-60-5	trans-1,2-Dichloroethylene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
590-20-7	2,2-Dichloropropane	1.	U
159-59-4	cis-1,2-Dichloroethene	2.5	
67-66-3	Chloroform	1.	U
563-58-6	1,1-Dichloropropene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	2.1	
56-23-5	Carbon Tetrachloride	1.	U
71-43-2	Benzene	1.	U
79-01-6	Trichloroethene	3.5	
78-87-5	1,2-Dichloropropane	1.	U
74-95-3	Dibromomethane	1.	U
75-27-4	Bromodichloromethane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
142-28-9	1,3-Dichloropropane	1.	U
124-48-1	Dibromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
75-25-2	Bromoform	1.	U
108-88-3	Toluene	1.	U
127-18-4	Tetrachloroethene	54.	
108-90-7	Chlorobenzene	1.	U
630-20-6	1,1,1,2-Tetrachloroethane	1.	U
100-41-4	Ethylbenzene	1.	U
95-47-6	m,p-Xylene	1.	U
95-47-6	o-Xylene	1.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-05

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6402

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.	U
96-18-4	1,2,3-Trichloropropane	1.	U
98-82-8	Isopropylbenzene	1.	U
108-86-1	Bromobenzene	1.	U
103-65-1	n-Propylbenzene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
95-49-8	2-Chlorotoluene	1.	U
106-43-4	4-Chlorotoluene	1.	U
108-67-8	1,3,5-Trimethylbenzene	1.	U
98-06-6	tert-Butylbenzene	1.	U
95-63-6	1,2,4-Trimethylbenzene	1.	U
135-98-8	sec-Butylbenzene	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
99-87-6	4-Isopropyltoluene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
104-51-8	n-Butylbenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U
87-68-3	Hexachlorobutadiene	1.	U
120-82-1	1,2,4-Trichlorobenzene	1.	U
91-20-3	Naphthalene	1.	U
87-61-6	1,2,3-Trichlorobenzene	1.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-8

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-05

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6402

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-06

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6397

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.	U
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl Chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-69-4	Trichlorofluoromethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene Chloride	1.	U
156-60-5	trans-1,2-Dichloroethylene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
590-20-7	2,2-Dichloropropane	1.	U
159-59-4	cis-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
563-58-6	1,1-Dichloropropene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	0.5	J
56-23-5	Carbon Tetrachloride	1.	U
71-43-2	Benzene	1.	U
79-01-6	Trichloroethene	1.	U
78-87-5	1,2-Dichloropropane	1.	U
74-95-3	Dibromomethane	1.	U
75-27-4	Bromodichloromethane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
142-28-9	1,3-Dichloropropane	1.	U
124-48-1	Dibromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
75-25-2	Bromoform	1.	U
108-88-3	Toluene	1.	U
127-18-4	Tetrachloroethene	4.8	
108-90-7	Chlorobenzene	1.	U
630-20-6	1,1,1,2-Tetrachloroethane	1.	U
100-41-4	Ethylbenzene	1.	U
95-47-6	m,p-Xylene	1.	U
95-47-6	o-Xylene	1.	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-9

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-06

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6397

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.	U
96-18-4	1,2,3-Trichloropropane	1.	U
98-82-8	Isopropylbenzene	1.	U
108-86-1	Bromobenzene	1.	U
103-65-1	n-Propylbenzene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
95-49-8	2-Chlorotoluene	1.	U
106-43-4	4-Chlorotoluene	1.	U
108-67-8	1,3,5-Trimethylbenzene	1.	U
98-06-6	tert-Butylbenzene	1.	U
95-63-6	1,2,4-Trimethylbenzene	1.	U
135-98-8	sec-Butylbenzene	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
99-87-6	4-Isopropyltoluene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
104-51-8	n-Butylbenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U
87-68-3	Hexachlorobutadiene	1.	U
120-82-1	1,2,4-Trichlorobenzene	1.	U
91-20-3	Naphthalene	1.	U
87-61-6	1,2,3-Trichlorobenzene	1.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-9

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-06

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6397

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	1634-04-4	MTBE	7.10	2.	
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-07

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6396

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.	U
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl Chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-69-4	Trichlorofluoromethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene Chloride	1.	U
156-60-5	trans-1,2-Dichloroethylene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
590-20-7	2,2-Dichloropropane	1.	U
159-59-4	cis-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
563-58-6	1,1-Dichloropropene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon Tetrachloride	1.	U
71-43-2	Benzene	1.	U
79-01-6	Trichloroethene	1.	U
78-87-5	1,2-Dichloropropane	1.	U
74-95-3	Dibromomethane	1.	U
75-27-4	Bromodichloromethane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
142-28-9	1,3-Dichloropropane	1.	U
124-48-1	Dibromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
75-25-2	Bromoform	1.	U
108-88-3	Toluene	1.	U
127-18-4	Tetrachloroethene	1.	U
108-90-7	Chlorobenzene	1.	U
630-20-6	1,1,1,2-Tetrachloroethane	1.	U
100-41-4	Ethylbenzene	1.	U
95-47-6	m,p-Xylene	1.	U
95-47-6	o-Xylene	1.	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

FIELD BLANK

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-07

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6396

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.	U
96-18-4	1,2,3-Trichloropropane	1.	U
98-82-8	Isopropylbenzene	1.	U
108-86-1	Bromobenzene	1.	U
103-65-1	n-Propylbenzene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
95-49-8	2-Chlorotoluene	1.	U
106-43-4	4-Chlorotoluene	1.	U
108-67-8	1,3,5-Trimethylbenzene	1.	U
98-06-6	tert-Butylbenzene	1.	U
95-63-6	1,2,4-Trimethylbenzene	1.	U
135-98-8	sec-Butylbenzene	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
99-87-6	4-Isopropyltoluene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
104-51-8	n-Butylbenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U
87-68-3	Hexachlorobutadiene	1.	U
120-82-1	1,2,4-Trichlorobenzene	1.	U
91-20-3	Naphthalene	1.	U
87-61-6	1,2,3-Trichlorobenzene	1.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

FIELD BLANK

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-07

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6396

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-08

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6395

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.	U
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl Chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-69-4	Trichlorofluoromethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene Chloride	1.	U
156-60-5	trans-1,2-Dichloroethylene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
590-20-7	2,2-Dichloropropane	1.	U
159-59-4	cis-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
563-58-6	1,1-Dichloropropene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon Tetrachloride	1.	U
71-43-2	Benzene	1.	U
79-01-6	Trichloroethene	1.	U
78-87-5	1,2-Dichloropropane	1.	U
74-95-3	Dibromomethane	1.	U
75-27-4	Bromodichloromethane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
142-28-9	1,3-Dichloropropane	1.	U
124-48-1	Dibromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
75-25-2	Bromoform	1.	U
108-88-3	Toluene	1.	U
127-18-4	Tetrachloroethene	1.	U
108-90-7	Chlorobenzene	1.	U
630-20-6	1,1,1,2-Tetrachloroethane	1.	U
100-41-4	Ethylbenzene	1.	U
95-47-6	m,p-Xylene	1.	U
95-47-6	o-Xylene	1.	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TRIP BLANK

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-08

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6395

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.	U
96-18-4	1,2,3-Trichloropropane	1.	U
98-82-8	Isopropylbenzene	1.	U
108-86-1	Bromobenzene	1.	U
103-65-1	n-Propylbenzene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
95-49-8	2-Chlorotoluene	1.	U
106-43-4	4-Chlorotoluene	1.	U
108-67-8	1,3,5-Trimethylbenzene	1.	U
98-06-6	tert-Butylbenzene	1.	U
95-63-6	1,2,4-Trimethylbenzene	1.	U
135-98-8	sec-Butylbenzene	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
99-87-6	4-Isopropyltoluene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
104-51-8	n-Butylbenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U
87-68-3	Hexachlorobutadiene	1.	U
120-82-1	1,2,4-Trichlorobenzene	1.	U
91-20-3	Naphthalene	1.	U
87-61-6	1,2,3-Trichlorobenzene	1.	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

TRIP BLANK

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:219300-08

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6395

Level: (low/med) LOW Date Received: 8/03/00

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

	EPA SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
01	FIELD BLANK	100	98	96		0
02	MW-3	100	100	100		0
03	MW-4	99	99	99		0
04	MW-5	100	99	99		0
05	MW-7	100	98	99		0
06	MW-8	99	100	102		0
07	MW-8MS	100	102	106		0
08	MW-8MSD	100	101	108		0
09	MW-9	99	99	98		0
10	TRIP BLANK	101	97	93		0
11	VBLK611	100	99	98		0
12	VBLK612	100	97	98		0
13	VBSPK11	103	101	100		0
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	QC LIMITS
SMC1 (TOL) = Toluene-d8	(93-107)
SMC2 (BFB) = Bromofluorobenzene	(89-105)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(86-117)

8/29/00 dg

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

3B
WATER VOLATILE BLANK SPIKE RECOVERY

Lab Name: STL Newburgh Client Name: Laurel Environmental

Matrix Spike - Client Sample No.: VBSPK11

Matrix Spike - STL Sample No.: VBSPK11

Instrument ID: MSD

Date of Analysis: 8/11/00

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	BS CONCENTRATION (ug/L)	BS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	20	0	20	100	(73-133)
Trichloroethene	20	0	20	99	(74-127)
Benzene	20	0	20	98	(73-131)
Toluene	20	0	20	99	(81-123)
Chlorobenzene	20	0	19	96	(77-127)

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

* Values outside of QC limits

Comments: _____

3B

WATER VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Newburgh Client Name: Laurel Environmental

Matrix Spike - Client Sample No.: MW-8

Matrix Spike - STL Sample No.: 219300-05

Instrument ID: MSD

Date of Analysis: 8/11/00

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	20	0	20	100	(73-133)
Trichloroethene	20	0	24	118	(74-127)
Benzene	20	0	20	98	(73-131)
Toluene	20	0	19	96	(81-123)
Chlorobenzene	20	0	19	96	(77-127)

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	20	21	106	5	22	(73-133)
Trichloroethene	20	25	123	4	24	(74-127)
Benzene	20	20	102	4	21	(73-131)
Toluene	20	20	101	4	21	(81-123)
Chlorobenzene	20	20	102	6	21	(77-127)

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

* Values outside of QC limits

Comments: _____

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK611

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Lab File ID:V6386 Lab Sample ID:VBLK611

Date Analyzed: 8/10/00 Time Analyzed:1920

GC Column:DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID:MSD

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MW-3	219300-01	V6388	2039
02	MW-4	219300-02	V6389	2118
03	MW-5	219300-03	V6390	2157
04	MW-7	219300-04	V6391	2237
05				
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COMMENTS:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK611

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:VBLK611

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6386

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

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.	U
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl Chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-69-4	Trichlorofluoromethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene Chloride	1.	U
156-60-5	trans-1,2-Dichloroethylene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
590-20-7	2,2-Dichloropropane	1.	U
159-59-4	cis-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
563-58-6	1,1-Dichloropropene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon Tetrachloride	1.	U
71-43-2	Benzene	1.	U
79-01-6	Trichloroethene	1.	U
78-87-5	1,2-Dichloropropane	1.	U
74-95-3	Dibromomethane	1.	U
75-27-4	Bromodichloromethane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
142-28-9	1,3-Dichloropropane	1.	U
124-48-1	Dibromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
75-25-2	Bromoform	1.	U
108-88-3	Toluene	1.	U
127-18-4	Tetrachloroethene	1.	U
108-90-7	Chlorobenzene	1.	U
630-20-6	1,1,1,2-Tetrachloroethane	1.	U
100-41-4	Ethylbenzene	1.	U
95-47-6	m,p-Xylene	1.	U
95-47-6	o-Xylene	1.	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK611

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:VBLK611

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6386

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

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.	U
96-18-4	1,2,3-Trichloropropane	1.	U
98-82-8	Isopropylbenzene	1.	U
108-86-1	Bromobenzene	1.	U
103-65-1	n-Propylbenzene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
95-49-8	2-Chlorotoluene	1.	U
106-43-4	4-Chlorotoluene	1.	U
108-67-8	1,3,5-Trimethylbenzene	1.	U
98-06-6	tert-Butylbenzene	1.	U
95-63-6	1,2,4-Trimethylbenzene	1.	U
135-98-8	sec-Butylbenzene	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
99-87-6	4-Isopropyltoluene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
104-51-8	n-Butylbenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U
87-68-3	Hexachlorobutadiene	1.	U
120-82-1	1,2,4-Trichlorobenzene	1.	U
91-20-3	Naphthalene	1.	U
87-61-6	1,2,3-Trichlorobenzene	1.	U

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

VBLK611

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:VBLK611

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6386

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

% Moisture: not dec. Date Analyzed: 8/10/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK612

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Lab File ID:V6394 Lab Sample ID:VBLK612

Date Analyzed: 8/11/00 Time Analyzed:1334

GC Column:DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID:MSD

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	FIELD BLANK	219300-07	V6396	1509
02	MW-8	219300-05	V6402	1913
03	MW-8MS	219300-05MS	V6404	2031
04	MW-8MSD	219300-05MSD	V6405	2110
05	MW-9	219300-06	V6397	1549
06	TRIP BLANK	219300-08	V6395	1430
07	VBSPK11	VBSPK11	V6403	1952
08				
09				
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COMMENTS:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK612

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:VBLK612

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6394

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

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	1.	U
74-87-3	Chloromethane	1.	U
75-01-4	Vinyl Chloride	1.	U
74-83-9	Bromomethane	1.	U
75-00-3	Chloroethane	1.	U
75-69-4	Trichlorofluoromethane	1.	U
75-35-4	1,1-Dichloroethene	1.	U
75-09-2	Methylene Chloride	1.	U
156-60-5	trans-1,2-Dichloroethylene	1.	U
75-34-3	1,1-Dichloroethane	1.	U
590-20-7	2,2-Dichloropropane	1.	U
159-59-4	cis-1,2-Dichloroethene	1.	U
67-66-3	Chloroform	1.	U
563-58-6	1,1-Dichloropropene	1.	U
107-06-2	1,2-Dichloroethane	1.	U
74-97-5	Bromochloromethane	1.	U
71-55-6	1,1,1-Trichloroethane	1.	U
56-23-5	Carbon Tetrachloride	1.	U
71-43-2	Benzene	1.	U
79-01-6	Trichloroethene	1.	U
78-87-5	1,2-Dichloropropane	1.	U
74-95-3	Dibromomethane	1.	U
75-27-4	Bromodichloromethane	1.	U
10061-01-5	cis-1,3-Dichloropropene	1.	U
10061-02-6	trans-1,3-Dichloropropene	1.	U
79-00-5	1,1,2-Trichloroethane	1.	U
142-28-9	1,3-Dichloropropane	1.	U
124-48-1	Dibromochloromethane	1.	U
106-93-4	1,2-Dibromoethane	1.	U
75-25-2	Bromoform	1.	U
108-88-3	Toluene	1.	U
127-18-4	Tetrachloroethene	1.	U
108-90-7	Chlorobenzene	1.	U
630-20-6	1,1,1,2-Tetrachloroethane	1.	U
100-41-4	Ethylbenzene	1.	U
95-47-6	m,p-Xylene	1.	U
95-47-6	o-Xylene	1.	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK612

Lab Name:STL NEWBURGH Contract:100 Com.St.

Lab Code:10142 Case No.: SAS No.: SDG No.:LE300

Matrix: (soil/water) WATER Lab Sample ID:VBLK612

Sample wt/vol: 5.00 (g/ml) ML Lab File ID: V6394

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

% Moisture: not dec. Date Analyzed: 8/11/00

GC Column:DB-624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:0 (uL) Soil Aliquot Volume:0 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-42-5	Styrene	1.	U
96-18-4	1,2,3-Trichloropropane	1.	U
98-82-8	Isopropylbenzene	1.	U
108-86-1	Bromobenzene	1.	U
103-65-1	n-Propylbenzene	1.	U
79-34-5	1,1,2,2-Tetrachloroethane	1.	U
95-49-8	2-Chlorotoluene	1.	U
106-43-4	4-Chlorotoluene	1.	U
108-67-8	1,3,5-Trimethylbenzene	1.	U
98-06-6	tert-Butylbenzene	1.	U
95-63-6	1,2,4-Trimethylbenzene	1.	U
135-98-8	sec-Butylbenzene	1.	U
541-73-1	1,3-Dichlorobenzene	1.	U
99-87-6	4-Isopropyltoluene	1.	U
106-46-7	1,4-Dichlorobenzene	1.	U
95-50-1	1,2-Dichlorobenzene	1.	U
104-51-8	n-Butylbenzene	1.	U
96-12-8	1,2-Dibromo-3-chloropropane	1.	U
87-68-3	Hexachlorobutadiene	1.	U
120-82-1	1,2,4-Trichlorobenzene	1.	U
91-20-3	Naphthalene	1.	U
87-61-6	1,2,3-Trichlorobenzene	1.	U

APPENDIX B

NYSDEC Ambient Water Quality and Guidance Values

Table 1 (Continued)

NEW YORK STATE AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES

JUNE 1998

SUBSTANCE (CAS No.)	WATER CLASSES	STANDARD (ug/L)	GUIDANCE VALUE (ug/L)	TYPE	BASIS CODE
Tetrachloroethene	A, A-S, AA, AA-S		0.7	H(WS)	A
(127-18-4)	GA	*		H(WS)	J
	A, A-S, AA, AA-S, B, C, D		1	H(FC)	
	SA, SB, SC, I, SD		1	H(FC)	
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
Tetrachloroterephthalic acid (2136-79-0)	GA	50		H(WS)	J
alpha, alpha, alpha, 4-Tetrachloro-	A, A-S, AA, AA-S		5*	H(WS)	I
toluene	GA	**		H(WS)	J
(5216-25-1)					
Remarks: * This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent Specific MCL. ** The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
Tetrahydrofuran	A, A-S, AA, AA-S		50	H(WS)	Z
(109-99-9)	GA		50	H(WS)	Z
1,2,3,4-Tetramethylbenzene	A, A-S, AA, AA-S		5*	H(WS)	I
(488-23-3)	GA	**		H(WS)	J
Remarks: * This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent Specific MCL. ** The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
1,2,3,5-Tetramethylbenzene	A, A-S, AA, AA-S		5*	H(WS)	I
(527-53-7)	GA	**		H(WS)	J
Remarks: * This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent Specific MCL. ** The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
1,2,4,5-Tetramethylbenzene	A, A-S, AA, AA-S		5*	H(WS)	I
(95-93-2)	GA	**		H(WS)	J
Remarks: * This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent Specific MCL. ** The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance..					
Thallium	A, A-S, AA, AA-S		0.5	H(WS)	B
(CAS No. Not Applicable)	GA		0.5	H(WS)	B
	A, A-S, AA, AA-S, B, C	8*		A(C)	
	D	20		A(A)	
Remark: * For the waters of the Great Lakes System, the Department will substitute a guidance value for the aquatic Type standard if so determined under 702.15 (c). Aquatic Type standards apply to acid-soluble form.					

Table 1 (Continued)

NEW YORK STATE AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES

JUNE 1998

SUBSTANCE (CAS No.)	WATER CLASSES	STANDARD (ug/L)	GUIDANCE VALUE (ug/L)	TYPE	BASIS CODE
Sulfate (CAS No. Not Applicable)	A, A-S, AA, AA-S	250,000		H(WS)	G
	GA	250,000		H(WS)	F
Sulfides, total (CAS No. Not Applicable)	A, A-S, AA, AA-S, B, C	**		A(C)	
	SA, SB, SC	**		A(C)	
	I		**	A(C)	
	A, A-S, AA, AA-S		50*	E	U
	GA		50*	E	U
Remarks: Values listed apply to sum of these substances. * Expressed as hydrogen sulfide. ** Refer to entry for "Hydrogen Sulfide."					
Sulfite (CAS No. Not Applicable)	A, A-S, AA, AA-S, B, C	200*		A(C)	
Remark: * For the waters of the Great Lakes System, the Department will substitute a guidance value for the aquatic Type standard if so determined under 702.15 (c).					
Tebuthiuron (34014-18-1)	A, A-S, AA, AA-S		50	H(WS)	Z
	GA	50		H(WS)	J
Terbacil (5902-51-2)	GA	50		H(WS)	J
Terbufos (13071-79-9)	A, A-S, AA, AA-S		0.09	H(WS)	B
	GA		0.09	H(WS)	B
Tetrachlorobenzenes (634-66-2; 634-90-2; 95-94-3; 12408-10-5)	A, A-S, AA, AA-S		5***	H(WS)	I
	GA	*		H(WS)	J
	A, A-S, AA, AA-S	10**		E	U
	GA		10**	E	U
Remarks: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to each isomer (1,2,3,4-, 1,2,3,5-, and 1,2,4,5-tetrachlorobenzene) individually. ** Applies to the sum of 1,2,3,4-, 1,2,3,5- and 1,2,4,5-tetrachlorobenzene. *** This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent specific MCL. Value applies to each isomer individually.					
1,1,1,2-Tetrachloroethane (630-20-6)	A, A-S, AA, AA-S	5		H(WS)	I
	GA	*		H(WS)	J
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
1,1,2,2-Tetrachloroethane (79-34-5)	A, A-S, AA, AA-S		0.2	H(WS)	A
	GA	*		H(WS)	J
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					

Table 1 (Continued)

NEW YORK STATE AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES

JUNE 1998

SUBSTANCE (CAS No.)	WATER CLASSES	STANDARD (ug/L)	GUIDANCE VALUE (ug/L)	TYPE	BASIS CODE
Toxaphene (8001-35-2)	A, A-S, AA, AA-S	0.06		H(WS)	A
	GA	0.06		H(WS)	A
	A, A-S, AA, AA-S, B, C, D	6×10^{-6}		H(FC)	A
	SA, SB, SC, I, SD	6×10^{-6}		H(FC)	A
	A, A-S, AA, AA-S, B, C	0.005		A(C)	
	D	1.6*		A(A)	
	SA, SB, SC	0.005		A(C)	
	I		0.005	A(C)	
	SD		0.07	A(A)	
Remark: * For the waters of the Great Lakes System, the Department will substitute a guidance value for the aquatic standard if so determined under 702.15 (d).					
1,2,4-Tribromobenzene (615-54-3)	A, A-S, AA, AA-S	5		H(WS)	I
	GA	*		H(WS)	J
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
Tributyltin oxide (56-35-9)	A, A-S, AA, AA-S		50	H(WS)	Z
	GA		50	H(WS)	Z
2,4,6-Trichloroaniline (634-93-5)	A, A-S, AA, AA-S		5*	H(WS)	I
	GA	**		H(WS)	J
Remarks: * This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent Specific MCL. ** The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
Trichlorobenzenes (87-61-6; 120-82-1; 108-70-3; 12002-48-1)	A, A-S, AA, AA-S		5***	H(WS)	I
	GA	*		H(WS)	J
	A, A-S, AA, AA-S, B, C	5**		A(C)	
	SA, SB, SC	5**		A(C)	
	I		5**	A(C)	
	A, A-S, AA, AA-S	10**		E	U
	GA		10**	E	U
	D	50**		E	V
	SD	50**		E	V
Remarks: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to each isomer (1,2,3-, 1,2,4- and 1,3,5-trichlorobenzene) individually. ** Applies to the sum of 1,2,3-, 1,2,4- and 1,3,5-trichlorobenzene. For the waters of the Great Lakes System, the Department will substitute a guidance value for the aquatic Type standard if so determined under 702.15 (c). *** This substance did not receive a review beyond determining that it is in a principal organic contaminant class and that it does not have a more stringent Specific MCL. Value applies to each isomer individually.					
1,1,1-Trichloroethane (71-55-6)	A, A-S, AA, AA-S	5		H(WS)	I
	GA	*		H(WS)	J
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					

Table 1 (Continued)

NEW YORK STATE AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES

JUNE 1998

SUBSTANCE (CAS No.)	WATER CLASSES	STANDARD (ug/L)	GUIDANCE VALUE (ug/L)	TYPE	BASIS CODE
1,1,2-Trichloroethane (79-00-5)	A, A-S, AA, AA-S	1		H(WS)	A
	GA	1		H(WS)	A
Trichloroethene (79-01-6)	A, A-S, AA, AA-S	5		H(WS)	I
	GA	*		H(WS)	J
	A, A-S, AA, AA-S, B, C, D	40		H(FC)	A
	SA, SB, SC, I, SD	40		H(FC)	A
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
Trichlorofluoromethane (75-69-4)	A, A-S, AA, AA-S	5		H(WS)	I
	GA	*		H(WS)	J
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
2,4,5-Trichlorophenoxyacetic acid (93-76-5)	GA	35		H(WS)	F
2,4,5-Trichlorophenoxypropionic acid (93-72-1)	A, A-S, AA, AA-S	10		H(WS)	G
	GA	0.26		H(WS)	F
1,1,2-Trichloropropane (598-77-6)	A, A-S, AA, AA-S	5		H(WS)	I
	GA	*		H(WS)	J
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
1,2,3-Trichloropropane (96-18-4)	A, A-S, AA, AA-S	0.04		H(WS)	A
	GA	0.04		H(WS)	A
cis-1,2,3-Trichloropropene (13116-57-9)	A, A-S, AA, AA-S	5		H(WS)	I
	GA	*		H(WS)	J
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
trans-1,2,3-Trichloropropene (13116-58-0)	A, A-S, AA, AA-S	5		H(WS)	I
	GA	*		H(WS)	J
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
alpha,2,4-Trichlorotoluene (94-99-5)	A, A-S, AA, AA-S	5		H(WS)	I
	GA	*		H(WS)	J
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					
alpha,2,6-Trichlorotoluene (2014-83-7)	A, A-S, AA, AA-S	5		H(WS)	I
	GA	*		H(WS)	J
Remark: * The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in this Table) applies to this substance.					

APPENDIX C

NYSDEC Analytical Results

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

D00703

Lab Name: H2M LABS INC. Contract: C003786

Lab Code: 10478 Case No.: SH100 SAS No.: _____ SDG No.: 0802

Matrix: (soil/water) WATER Lab Sample ID: 20000802-063

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P15954.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. _____ Date Analyzed: 08/05/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q	
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	1	J
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	2	J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	2	J
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

S 0014

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

D00704

Lab Name: H2M LABS INC. Contract: C003786

Lab Code: 10478 Case No.: SH100 SAS No.: _____ SDG No.: 0802

Matrix: (soil/water) WATER Lab Sample ID: 20000802-064

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P15955.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. _____ Date Analyzed: 08/05/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
74-87-3	Chloromethane	10 U
74-83-9	Bromomethane	10 U
75-01-4	Vinyl Chloride	10 U
75-00-3	Chloroethane	10 U
75-09-2	Methylene Chloride	10 U
67-64-1	Acetone	10 U
75-15-0	Carbon Disulfide	10 U
75-35-4	1,1-Dichloroethene	2 J
75-34-4	1,1-Dichloroethane	13
540-59-0	1,2-Dichloroethene (total)	10 U
78-93-3	2-Butanone	10 U
67-66-3	Chloroform	10 U
107-06-2	1,2-Dichloroethane	8 J
71-55-6	1,1,1-Trichloroethane	10 U
56-23-5	Carbon Tetrachloride	10 U
75-27-4	Bromodichloromethane	10 U
78-87-5	1,2-Dichloropropane	10 U
10061-01-5	cis-1,3-Dichloropropene	12
79-01-6	Trichloroethene	10 U
71-43-2	Benzene	10 U
124-48-1	Dibromochloromethane	10 U
10061-02-6	trans-1,3-Dichloropropene	10 U
79-00-5	1,1,2-Trichloroethane	10 U
75-25-2	Bromoform	10 U
108-10-1	4-Methyl-2-Pentanone	10 U
591-78-6	2-Hexanone	160
127-18-4	Tetrachloroethene	10 U
79-34-5	1,1,2,2-Tetrachloroethane	10 U
108-88-3	Toluene	10 U
108-90-7	Chlorobenzene	10 U
100-41-4	Ethylbenzene	10 U
100-42-5	Styrene	10 U
1330-20-7	Xylene (total)	10 U

S 0016

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

D00705

Lab Name: H2M LABS INC. Contract: C003786

Lab Code: 10478 Case No.: SH100 SAS No.: _____ SDG No.: 0802

Matrix: (soil/water) WATER Lab Sample ID: 20000802-065

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P15956.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. _____ Date Analyzed: 08/05/00

GC Column: RTX502. ID: 0.53 (mm) Dilution Factor: 1.0

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q	
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	4	J
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	4	J
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	6	J
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	110	
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

D00707

Lab Name: H2M LABS INC. Contract: C003786

Lab Code: 10478 Case No.: SH100 SAS No.: _____ SDG No.: 0802

Matrix: (soil/water) WATER Lab Sample ID: 20000802-066

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P15957.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. _____ Date Analyzed: 08/05/00

GC Column: RTX502. 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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

D00709

Lab Name: H2M LABS INC. Contract: C003786

Lab Code: 10478 Case No.: SH100 SAS No.: _____ SDG No.: 0802

Matrix: (soil/water) WATER Lab Sample ID: 20000802-067

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: P15958.D

Level: (low/med) LOW Date Received: 08/02/00

% Moisture: not dec. _____ Date Analyzed: 08/05/00

GC Column: RTX502. 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
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-4	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
78-93-3	2-Butanone	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
71-43-2	Benzene	10	U
124-48-1	Dibromochloromethane	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
79-00-5	1,1,2-Trichloroethane	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	J
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U