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Howard C. Johnson, Director

June 15, 1984

EPA Region 5 Records Ctr.

248010

Mr. Craig Liska
Illinois E.P.A.
1701 S. First Avenue
Maywood, IL 60153

RE: Sampling of Wells at Blackwell Forest Preserve-April 1984

Dear Craig:

Attached are the latest sampling analysis reports for the monitoring wells at Blackwell Forest Preserve. Volatile priority pollutants were detected at the following monitory wells: G101, G105 (trace), G106, G109, G110, G111, G112, G113, G119, G118S, and G122. The remaining monitoring wells, lakes, drinking water supply well, and "Denny's Den (potable water well)" were all "clean".

Testing Service Corporation is presently installing additional wells at the site. If you have any questions, please call.

Sincerely,

Scott Gerrick
Environmental Testing Coordinator

mm

cc: R. Utt
D. Hartwig
B. Poyner (without attachment)

Attachment

Reference 2
Site Name DuPage County Landfill/Blackwell Forest Preserve
Site ID ILD980606305

TSC
TESTING SERVICE CORPORATION
457 East Gundersen Drive, Carol Stream, Illinois 60188

Consultation services
Foundation and site exploration
Testing of soils, concrete and bituminous materials
Groundwater monitoring and hydrogeologic studies

Telephone 312 653-3920

June 12, 1984

FOREST PRESERVE DISTRICT OF
DU PAGE COUNTY
P. O. Box 2330
Glen Ellyn, Illinois 60137

Attention: Mr. Scott Gerrick
Environmental Testing Coordinator

RE: L - 20,183
BLACKWELL FOREST PRESERVE

Dear Mr. Gerrick,

On April 10 and 11, 1984, purging work was performed for the monitoring wells at the above referenced site using a submersible pump with a portable generator. On April 11, liquid level measurements were made for all vents and four (4) vents (SV5, SV10, DV5 and Burner 9) were sampled for volatile priority pollutants. Burner 9 was also sampled for the following inorganic parameters: pH, Chloride, Total Dissolved Solids, Iron, Lead, Cadmium, Arsenic, Mercury and TOC. These parameters were analyzed on both a filtered and unfiltered basis.

Sampling of the monitoring wells, lakes, a drinking water supply well and "Denny's Den" which had been planned for April 12, but was postponed due to rain, was performed on April 13. These samples were analyzed for volatile priority pollutants.

Other work included water level measurements, recording water temperatures and checking for the presence of methane gas. The results of this work is summarized on the enclosed Field Data Chart.

Our procedures, followed in performing all of this work, are as outlined in previous correspondence.

The laboratory test results received are shown on the enclosed Aqualab, Inc. Analytical Reports. The identity of the samples can be determined by the enclosed Chain of Custody Record. An Aqualab, Inc. transmittal letter dated June 6, 1984, is also enclosed.

Volatile priority pollutants were detected at the following Monitoring Wells: G101, G105 (trace), G106, G109, G110, G111, G112, G113, G119, G118S and G122. The remaining monitoring wells, lakes, drinking water supply well and "Denny's Den" were all "clean".

Dr. Lawrence A. DuBose, President
Charles C. Luther, Executive Vice-President
Lyle E. Thompson, Vice-President
Noble D. Moran, Vice-President
Bruce Poynor, Engineering Geologist

It is a pleasure assisting you with this work. Please call if there are questions or when we may be of further service.

Respectfully submitted,

TESTING SERVICE CORPORATION

Lawrence A. DuBose
President

Prepared by:

Bruce Poynor
Engineering Geologist

LAD:BP:js

Enclosures: Field Data Chart
Aqualab, Inc. Analytical Reports
Aqualab, Inc. Tranmittal Letter
Chain of Custody Record

FIELD DATA CHART

LOCATION	DATE 1984 PURGED	DATE 1984 SAMPLED	WATER/LIQUID LEVEL DEPTH* AND ELEVATION PRIOR TO PURGING	WATER/LIQUID LEVEL DEPTH* AND ELEVATION PRIOR TO SAMPLING	WATER TEMP OF	METHANE GAS SIGNAL
G 100	4-10	4-13	13.38-708.47	13.06 708.79	40	None
G 101	4-10	4-13	4.75-709.43	5.22 708.96	41	None
G 102	4-10	4-13	18.35-709.40	17.96 709.79	46	None
G 103 S	4-10	4-13	8.84-709.28	8.52 709.60	47	None
G 103 D	4-10	4-13	19.42-698.75	19.16 699.01	49	None
G 104	4-11	4-13	18.07-713.27	18.01 713.33	46	None
G 105	4-11	4-13	19.66-704.79	19.25 705.20	46	None
G 106	B 4-10	4-13	11.90-704.73	11.82 704.81	39	Slight
G 107 S	4-10	4-13	13.98-694.56	13.87 694.67	46	None
G 107 D	4-10	4-13	14.90-693.16	14.84 693.22	45	None
G 108	4-11	4-13	6.76-693.44	6.69 693.51	44	None
G 109	4-11	4-13	12.91-693.55	12.83 693.63	45	None
G 110	4-11	4-13	14.15-693.86	14.15 693.86	44	None
G 111	4-11	4-13	15.34-694.16	15.21 694.29	44	Alarm
G 112	4-11	4-13	14.31-694.25	14.21 694.35	45	None
G 113	4-11	4-13	14.13-694.39	13.97 694.55	44	None
G 114	4-11	4-13	15.35-694.58	15.22 694.71	44	Slight
G 115 S	4-10	4-13	14.41-694.57	14.16 694.82	42	None
G 115 D	4-10	4-13	14.26-692.86	14.15 692.97	46	None
G 116	4-10	4-13	15.27-692.83	15.15 692.95	46	None
G 117	4-10	4-13	13.65-694.04	13.54 694.15	48	None
G 118 S	4-10	4-13	15.68-695.75	15.64 695.79	45	None
G 118 D	4-10	4-13	17.84-692.82	17.77 692.89	47	None

FIELD DATA CHART

LOCATION	DATE 1984 PURGED	DATE 1984 SAMPLED	WATER/LIQUID LEVEL DEPTH* AND ELEVATION PRIOR TO PURGING	WATER/LIQUID LEVEL DEPTH* AND ELEVATION PRIOR TO SAMPLING	WATER TEMP OF	METHANE GAS SIGNAL
G 119	4-10	4-13	14.07-706.79	14.06 706.80	45	None
G 120 S	4-10	4-13	32.08-699.18	31.86 699.40	49	None
G 120 D	4-10	4-13	36.99-694.19	36.60 694.58	50	Medium
G 121	4-11	4-13	10.48-693.33	10.42 693.39	46	None
G 122	4-10	4-13	13.52-693.09	13.44 693.17	49	None
G 123	4-10	4-13	13.84-694.07	13.69 694.22	45	Slight
SV 1			6'0" 735.8			Medium
SV 2			43'3"-719.1			Alarm
SV 3			4'6.5"730.9			None
SV 4			25'7.5"715.6			Alarm
SV 5			21'0" 709.5			Alarm
SV 6			36'3" 727.6			Alarm
SV 7			56'4.5"728.1			Alarm
SV 8			17'3" 709.0			Alarm
SV 9			41'11.5" 709.3			Alarm
SV 10			61'2" 694.1			Alarm
DV 2			2'9.5"753.8			None
DV 3			16'0" 735.1			Alarm
DV 4			21'9.5" 704.1			Alarm
DV 5			25'5" 698.0			Alarm
DV 6			57'0" 724.0			Alarm
Burner 9			93'** 759.1			Alarm

* Depth referenced to top of steel casing.

B-Indicated well purged by bailing; others by pumping.
All vent measurements were made on 4-11-84; none were purged.

** This measurement was verified by both "sounder" and weighted rope methods.

TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188
L- 20,183

CHAIN OF CUSTODY RECORD

CLIENT:	PROJ:	SAMPLER(S):
FOREST PRESERVE DISTRICT OF DU PAGE COUNTY	BLACKWELL FOREST PRESERVE	BAILER

SPL. NO.	SPL. LOCATION BLACKWELL	DATE - TIME 1984		SPL. TYPE WATER comp.	grab		NO. OF BTLS.	NOTES
217	SV 5	4-11	1:20		X		1	
218	Burner 9	4-11	3:00		X		2	
219	DV 5	4-11	3:40		X		1	
220	SV 10	4-11	3:50		X		1	

RELINQUISHED BY	RECEIVED BY	DATE — TIME
TESTING SERVICE CORPORATION	AQUALAB, INC.	4-11-84

TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188
L- 20,183

CHAIN OF CUSTODY RECORD

CLIENT: FOREST PRESERVE DISTRICT OF DU PAGE COUNTY	PROJ: BLACKWELL FOREST PRESERVE	SAMPLER(S): BAILER

SPL. NO.	SPL. LOCATION BLACKWELL	DATE - TIME 1984		SPL. TYPE WATER comp.	grab		NO. OF BTLS.	NOTES
221	G 118 S	4-13	8:00		X		1	
222	G 118 D	4-13	8:10		X		1	
223	G 119	4-13	8:25		X		1	
224	G 120 S	4-13	8:35		X		1	
225	G 120 D	4-13	8:40		X		1	
226	G 101	4-13	8:50		X		1	
227	G 102	4-13	9:00		X		1	
228	G 103 S	4-13	9:10		X		1	
229	G 103 D	4-13	9:15		X		1	
230	G 104	4-13	9:20		X		1	
231	G 105	4-13	9:30		X		1	
232	G 121	4-13	9:40		X		1	
233	G 106	4-13	9:55		X		1	

RELINQUISHED BY	RECEIVED BY	DATE - TIME
TESTING SERVICE CORPORATION	AQUALAB, INC.	4-13-84

TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188
L- 20,183

CHAIN OF CUSTODY RECORD

CLIENT:	PROJ:	SAMPLER(S):
FOREST PRESERVE DISTRICT OF DU PAGE COUNTY	BLACKWELL FOREST PRESERVE	BAILER

SPL. NO.	SPL. LOCATION BLACKWELL	DATE - TIME 1984	SPL. TYPE WATER comp.	grab		NO. OF BTLS.	NOTES
[illegible]	G 107 S	4-13 10:05		X		1	
[illegible]5	G 107 D	4-13 10:10		X		1	
236	G 108	4-13 10:20		X		1	
237	G 109	4-13 11:00		X		1	
238	G 108 QA Split	4-13		X		1	
239	G 110	4-13 11:05		X		1	
240	G 111	4-13 11:10		X		1	
241	G 112	4-13 11:20		X		1	
[illegible]2	G 113	4-13 11:25		X		1	
243	G 112 QA Split	4-13		X		1	
244	G 114	4-13 11:30		X		1	
245	G 123	4-13 11:35		X		1	
246	G 115 S	4-13 11:45		X		1	

RELINQUISHED BY	RECEIVED BY	DATE — TIME

TESTING SERVICE CORPORATION
457 EAST GUNDERSEN DRIVE
CAROL STREAM, ILLINOIS 60188
L- 20,183

CHAIN OF CUSTODY RECORD

CLIENT:	PROJ:	SAMPLER(S):
FOREST PRESERVE DISTRICT OF DU PAGE COUNTY	BLACKWELL FOREST PRESERVE	BAILER

SPL. NO.	SPL. LOCATION BLACKWELL	DATE - TIME 1984		SPL. TYPE WATER comp.	grab		NO. OF BTLS.	NOTES
247	G 115 D	4-13	11:50		X		1	
248	G 116	4-13	11:55		X		1	
249	G 122	4-13	12:05		X		1	
250	G 117	4-13	15:15		X		1	
251	Swim Beach - West End	4-13	12:20		X		1	
252	Swim Beach - Middle	4-13	12:25		X		1	
253	Swim Beach - East End	4-13	12:30		X		1	
254	Main Drinking Water Supply Well	4-13	12:40		X		1	
255	Baker Reagent Field Blank	4-13			X		1	
256	Silver Lake - Southeast of EH 2	4-13	12:45		X		1	
257	Silver Lake by G 103	4-13	12:55		X		1	
258	Silver Lake - North End by Camp Ground	4-13	1:05		X		1	
259	G 11	4-13	1:15		X		1	
260	G 100 QA Aplit	4-13			X		1	
261	"Denny's Den"	4-13	2:00		X		1	

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

24 May 1984

analytical report sample no. 54668 & 668 A

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

SAMPLE DESCRIPTION: 218 – Burner 9

date taken: 4/11/84 date received: 4/11/84

	As Is	Filtered
pH, units	6.99	6.19
Chloride, mg/L	100.	98.
Solids, tot. diss., mg/L	570.	570.
Iron, mg/L	367.	5.1
Lead, mg/L	0.10	0.03
Cadmium, mg/L	0.008	0.002
Arsenic, mg/L	0.006	0.004
Mercury, mg/L	0.0039	0.0026
TOC, mg/L	35.5	20.7

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
rt.20 at valley lane
streamwood, illinois 60103
312/289-3100

24 May 1984

analytical report

sample no. 54668

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/11/84

SAMPLE DESCRIPTION: 218 - Burner 9 - TOP OF HILL

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	[redacted]	[redacted]
<100	Acrylonitrile (3V)	<5 T	1,2-Dichloropropane (32V)
[redacted]	[redacted]	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	[redacted]	[redacted]
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	[redacted]	[redacted]
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	[redacted]	[redacted]

T - Trace

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
rt.20 at valley lane
streamwood, illinois 60103
312/289-3100

24 May 1984

analytical report

sample no. 54669

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/11/84

SAMPLE DESCRIPTION: 217 - SVS - AUX. LOT

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	26	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	10	1,2-Dichloropropane (32V)
31.2	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	95	Methylene Chloride (44V)
13.4	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
0	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
9	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
0	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	10	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	186	Toluene (86V)
36.4	Chloroform (23V)	34	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	22	Vinyl Chloride (88V)

Robert N Bucaro
Robert N. Bucaro

A-103

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

24 May 1984

analytical report

sample no. 54670

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/11/84

SAMPLE DESCRIPTION: 219 - DVS - Vent South

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	68.0	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	8.6	1,2-Dichloropropane (32V)
62.9	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
7.2	1,2-Dichloroethane (10V)	<20T	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
2.7	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	156	Toluene (86V)
17.5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	276	Vinyl Chloride (88V)

T - Trace

Robert N. Bucaro
Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

24 May 1984

analytical report sample no. 54671

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/11/84

SAMPLE DESCRIPTION: 220 -SV10 West South

VOLATILE COMPOUNDS

ug/L	Compound
<100	Acrolein (2V)
<100	Acrylonitrile (3V)
18.6	Benzene (4V)
<5	Carbon Tetrachloride (6V)
<5	Chlorobenzene (7V)
<5 T	1,2-Dichloroethane (10V)
<10	1,1,1-Trichloroethane (11V)
<5 T	1,1-Dichloroethane (13V)
<10	1,1,2-Trichloroethane (14V)
<10	1,1,2,2-Tetrachloroethane (15V)
<10	Chloroethane (16V)
<50	2-Chloroethylvinyl Ether (19V)
5.3	Chloroform (23V)
<5	1,1-Dichloroethylene (29V)

ug/L	Compound
17.6	1,2-Trans-Dichloroethylene (30V)
<5 T	1,2-Dichloropropane (32V)
<5	1,3-Dichloropropylene (33V)
<5	Ethylbenzene (38V)
<10	Methylene Chloride (44V)
<20T	Methyl Chloride (45V)
<20	Methyl Bromide (46V)
<10	Bromoform (47V)
<10	Dichlorobromomethane (48V)
<10	Chlorodibromomethane (51V)
<5	Tetrachloroethylene (85V)
227	Toluene (86V)
<5	Trichloroethylene (87V)
210	Vinyl Chloride (88V)

T - Trace

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54781

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #221 - G118S

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	[redacted]	[redacted]
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
[redacted]	[redacted]	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	[redacted]	[redacted]
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	[redacted]	[redacted]
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
rt.20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54782

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #222 -G118D

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
[illegible]	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312 289-3100

6 June 1984

analytical report

sample no. 54783

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #223 -G119

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
[redacted]		<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
[redacted]		<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

A-103

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54784

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #224 -G120S

VOLATILE COMPOUNDS

ug/L	Compound
<100	Acrolein (2V)
<100	Acrylonitrile (3V)
<5	Benzene (4V)
<5	Carbon Tetrachloride (6V)
<5	Chlorobenzene (7V)
<5	1,2-Dichloroethane (10V)
<10	1,1,1-Trichloroethane (11V)
<5	1,1-Dichloroethane (13V)
<10	1,1,2-Trichloroethane (14V)
<10	1,1,2,2-Tetrachloroethane (15V)
<10	Chloroethane (16V)
<50	2-Chloroethylvinyl Ether (19V)
<5	Chloroform (23V)
<5	1,1-Dichloroethylene (29V)

ug/L	Compound
<5	1,2-Trans-Dichloroethylene (30V)
<5	1,2-Dichloropropane (32V)
<5	1,3-Dichloropropylene (33V)
<5	Ethylbenzene (38V)
<10	Methylene Chloride (44V)
<20	Methyl Chloride (45V)
<20	Methyl Bromide (46V)
<10	Bromoform (47V)
<10	Dichlorobromomethane (48V)
<10	Chlorodibromomethane (51V)
<5	Tetrachloroethylene (85V)
<5	Toluene (86V)
<5	Trichloroethylene (87V)
<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

aqualab inc.
rt·20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54785

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #225 – G120D

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54786

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #226 -G101

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<2.5	Vinyl Chloride (88V)

Robert A Bucaro
Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54787

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #227 -6102

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54788

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #228 -6103 S

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

Blockum

6 June 1984

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson Dr.
Carol Stream, IL 60188

Dear Bruce:

Enclosed are the analytical reslts for the water samples received by AQUALAB on 13 April 1984. These samples were analyzed for volatile priority pollutants. Volatiles were analyzed according to EPA Method 624. This is a purge and trap method for volatiles.

Volatile organic analyses (VOA) were performed using EPA Method 624. Aliquots of the samples are placed in a sparging device. Internal standards and deuterium labelled surrogates are added to verify the analytical results and provide qualitative and quantitative references for every sample. The samples are then purged with helium and the volatile organics are transferred to the gas stream. The organics are removed from the gas stream with a Tenax/Silica Gel trap. When purging is complete, the trap is rapidly heated and the trapped organics transferred to the analytical chromatographqic column of a gas chromatograph/mass spectrometer (GC/MS). As the individual components elute, complete mass spectra are collected and stored by a computer system. The data are then processed by custom computer programs and also evaluated manually to detect and quantify priority pollutants. Identifications are verified by comparison of the sample component mass spectrum and retention time of that of the standard component.

In addition to the volatile priority pollutants, the following non-priority pollutants were detected:

Continued.....

Sample I.D.	cis-1,2-dichloroethylene ug/L
221 G1185	G1185 166.
223	G119 9.2
237	G109 46.1
239	G110 24.9
240	G111 84.9
241	G112 165.
242	G113 23.5
243	G112 135. QA
249	G122 13.1
250	G117 18.7

These non-priority pollutants are tentative identifications based on the mass spectra and are estimated concentrations. The cis-1,2-dichloroethylene is based on the response of the trans isomer.

During the analysis of this project, AQUALAB's internal Quality Control Program, consisting of the analysis of standards, blanks, performance samples and Quality control samples, was followed. These quality control functions indicated that the analyses were in control.

Also enclosed are the Chain of custody records for these samples. If after reviewing these results you have any questions, please feel free to call. AQUALAB has been pleased to provide these analytical services for you.

Sincerely,

AQUALAB INC.

Robert N Bucaro

Robert N. Bucaro
Division Manager

RNB:i
Encls.

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54789

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #229 - G103 D

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<5	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report sample no. 54790

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #230 - G104

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54791

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #231 -6105

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5 T	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

T - Trace

Robert N. Bucaro

Robert N. Bucaro

aqualab inc.
n 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54792

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #232 -6121

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
[illegible]	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

A-103

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54793

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #233 - 6106

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
38.5	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
35.5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54794

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #234 - G107S

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

aqualab inc.
rt.20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54795

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #235 -G107D

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
[illegible]	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

aqualab inc.
rt-20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54796

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #236 - G108

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

aqualab inc.
rt.20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54797

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #237 - G109

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
[redacted]		<20	Methyl Bromide (46V)
[redacted]		<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N. Bucaro

Robert N. Bucaro

aqualab inc.
rt·20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54798

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #238 -6108 QA Split

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

6 June 1984

sample no. 54799

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #239 - G110

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
15.7	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	14.7	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
[illegible]
[illegible] 60103
312 289-3100

6 June 1984

analytical report

sample no. 54800

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #240 - 6/11

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
[illegible].5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	59.2	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

6 June 1984

analysis report

sample no 54801

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #241 - 6112

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	12.4	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	22.8	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
5.1	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
189	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
76.6	Chloroethane (16V)	<5 T	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	41.4	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20T	Vinyl Chloride (88V)

T - Trace

Robert N Bucaro

Robert N. Bucaro

aquatal inc.

6 June 1984

analytical report

sample no. 54802

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #242 -6113

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	17.8	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	9.4	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
12.2	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
[illegible]0	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
49.0	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
17.7	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	47.7	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

6 June 1984

analytical report

sample no. 54803

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #243 - 611Z QA Split

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	7.6	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	20.3	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
13.2	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
[illegible]8	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10T	Chloroethane (16V)	<5 T	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	34.7	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20T	Vinyl Chloride (88V)

T - Trace

Robert N Bucaro

Robert N. Bucaro

6 June 1984

analytical report

sample no. 54804

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #244 -6114

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

6 June 1984

analytical report

sample no. 54805

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #245 - 6123

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

6 June 1984

analytical report

sample no. 54806

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #246 - G/155

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

6 June 1984

individual report

sample no. 54807

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #247 - 6115D

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

6 June 1984

analytical report

sample no. 54808

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #248 - G116

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

6 June 1984

analytical report

sample no. 54809

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #249 - G122

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5 T	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	8.3	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

T - Trace

Robert N Bucaro

Robert N. Bucaro

acculab inc.

6 June 1984

analytical report

sample no. 54810

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #250 -6117

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54811

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #251 - Swim Beach - West End

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report sample no. 54812

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #252 - Swim Beach - Middle

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
[illegible]	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54813

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #253 - Swim Beach - East End

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
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aqualab inc.
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312/289-3100

6 June 1984

analytical report

sample no. 54814

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #254 – Main Drinking Water Supply Well

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
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aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54815

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #255 Baker Reagent Field Blank

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
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aqualab inc.
rt 20 at valley lane
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312/289-3100

6 June 1984

analytical report

sample no. 54816

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #256 — Silver Lake - SE of EH2

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54817

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #257 - Silver Lake by G103

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N. Bucaro

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aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report sample no. 54818

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #258 - Silver Lake North End by Camp Ground

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro

Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54819

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #259 - G11

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
<5	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
Robert N. Bucaro

aqualab inc.
rt 20 at valley lane
streamwood, illinois 60103
312/289-3100

6 June 1984

analytical report

sample no. 54820

Mr. Bruce Poynor
TESTING SERVICE CORPORATION
457 E. Gunderson
Carol Stream IL 60188

Date Taken & Received: 4/13/84

SAMPLE DESCRIPTION: #260 – G100 QA Split

VOLATILE COMPOUNDS

ug/L	Compound	ug/L	Compound
<100	Acrolein (2V)	<5	1,2-Trans-Dichloroethylene (30V)
<100	Acrylonitrile (3V)	<5	1,2-Dichloropropane (32V)
<5	Benzene (4V)	<5	1,3-Dichloropropylene (33V)
<5	Carbon Tetrachloride (6V)	<5	Ethylbenzene (38V)
<5	Chlorobenzene (7V)	<10	Methylene Chloride (44V)
<5	1,2-Dichloroethane (10V)	<20	Methyl Chloride (45V)
<10	1,1,1-Trichloroethane (11V)	<20	Methyl Bromide (46V)
[illegible]	1,1-Dichloroethane (13V)	<10	Bromoform (47V)
<10	1,1,2-Trichloroethane (14V)	<10	Dichlorobromomethane (48V)
<10	1,1,2,2-Tetrachloroethane (15V)	<10	Chlorodibromomethane (51V)
<10	Chloroethane (16V)	<5	Tetrachloroethylene (85V)
<50	2-Chloroethylvinyl Ether (19V)	<5	Toluene (86V)
<5	Chloroform (23V)	<5	Trichloroethylene (87V)
<5	1,1-Dichloroethylene (29V)	<20	Vinyl Chloride (88V)

Robert N Bucaro
Robert N. Bucaro