

GTC LIST OF QUALIFIERS

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

- U - Indicates compound was analyzed for but was not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. For further explanation see case narrative / cover letter.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range and reanalysis could not be performed.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- N - Spiked sample recovery not within control limits. (Flag the entire batch - Inorganic analytes only)
- * - Duplicate analysis not within control limits. (Flag the entire batch - Inorganic analysis only)
- Also used to qualify Organics QC data outside limits. (Only used on the QC summary sheets)
- M - Duplication injection precision not met (GFA only).
- S - Reported value determined by Method of Standard Additions. (MSA)
- X - As specified in the case narrative.

GTC REPORT # R92/5128

REPORT INDEX

SECTION A. ANALYTICAL DATA

SECTION B. QUALITY CONTROL

SECTION C. FIELD DOCUMENTATION

GTC REPORT # R92/5128

SECTION A

ANALYTICAL DATA

Presented in this section is analytical data for the parameters requested. The following references concerning units and analytical methodology apply to the data herein

Units: AS SPECIFIED

Analytical Methodology Obtained From:

- () Federal Register, 40 CFR Part 136, Guidelines Establishing Test Procedures for the analyses of Pollutants under the Clean Water Act, 10/26/84.

- (X) SW-846, Test Methods for Evaluating Solid Waste, 3rd Edition, 9/86.

- () Other:

COMPANY: SENECA ARMY DEPOT
#W16G1A-2115-7005
JOB #: R92/05128

VOLATILE ORGANICS

Seneca Army Depot water samples were analyzed for Priority Pollutant List (PPL) volatiles by EPA method 624.

All surrogate standard recoveries were within acceptance limits for all samples.

All QC data associated with this analysis was acceptable.

The Trip Blank (R92/05128-014) was free of contamination.

All laboratory blanks were free of any contamination.

All required analysis holding times were met.

The 2-Chloroethylvinyl ether was Indeterminant and has been flagged "IND" in all samples due to the inability to routinely detect this analyte in the calibration standards.

Samples R92/05128-008 and 013 were reanalyzed at dilutions to bring target analytes within the calibration range of the method.

No other analytical or QC problems were encountered.



LABORATORY REPORT

Job No: R92/05128

Date: DEC. 15 1992

Client:

Mr. Mark Paprocki
Seneca Army Depot
DEH, Bldg. 123
Romulus, NY 14541-5001

Sample(s) Reference

Request #W16G1A-2115-7005
December

INTERIOR
V-2146

Collected

: 12/03/92

P.O. #:

ANALYSIS * BY EPA METHOD 624* ANALYTICAL RESULTS - ug/l

Sample:	-001	-002	-003	-004	-005	-006	-007	-008
Location:	MW-32	MW-33	PT-15	PT-23	PT-16	PT-19	PT-20	PT-12
Date Collected:	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92
Time Collected:	09:30	09:43	09:52	10:05	10:18	10:30	10:53	11:10
Date Analyzed:	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92	12/08/92
Dilution:	1	1	1	1	1	1	1	1,50
Acrylonitrile	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Acrolein	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Chloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0
1,1-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	54
cis-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	26	2800
Chloroform	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichloropropene-Trans	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	24	1800
Dibromochloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichloropropene(Cis)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloroethylvinyl Ether	IND	IND	IND	IND	IND	IND	IND	IND
Bromoform	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

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LABORATORY REPORT

Job No: R92/05128

Date: DEC. 15 1992

Client:

Mr. Mark Paprocki
Seneca Army Depot
DEH, Bldg. 123
Romulus, NY 14541-5001

Sample(s) Reference

Request #W16G1A-2115-7005
December

Collected

: 12/03/92

P.O. #:

SURROGATE RECOVERIES / EPA METHOD 624*		ANALYTICAL RESULTS - %							
Sample:	-001	-002	-003	-004	-005	-006	-007	-008	
Location:	MW-32	MW-33	PT-15	PT-23	PT-16	PT-19	PT-20	PT-12	
Date Collected:	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	
Time Collected:	09:30	09:43	09:52	10:05	10:18	10:30	10:53	11:10	
Date Analyzed:	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92	12/08/92	
Surrogate Standard Recoveries									
1,2-Dichloroethane-d4 (Acceptance Limits: 76-114%)	93	100	100	98	114	100	98	101	
Toluene d8 (Acceptance Limits: 88-110%)	108	108	107	110	110	107	106	110	
4-Bromofluorobenzene (Acceptance Limits: 86-115%)	94	95	96	94	94	93	95	96	

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145

NJ ID# in Rochester: 73331

NJ ID# in Hackensack: 02317

NY ID# in Hackensack: 10801

*As adapted by NYSDEC 1989 ASP Protocol

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Laboratory Director



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LABORATORY REPORT

Job No: R92/05128

Date: DEC. 15 1992

Client:

Mr. Mark Paprocki
Seneca Army Depot
DEH, Bldg. 123
Romulus, NY 14541-5001

Sample(s) Reference

Request #W16G1A-2115-7005
December

Collected

: 12/03/92

P.O. #:

ANALYSIS * BY EPA METHOD 624* ANALYTICAL RESULTS - ug/l

Sample:	-009	-010	-011	-012	-013	-014	
Location:	PT-21	PT-22	PT-10	PT-11	PT-18	TRIP BLANK	
Date Collected:	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	
Time Collected:	11:27	11:30	12:45	12:30	12:12	07:05	
Date Analyzed:	12/08/92	12/08/92	12/08/92	12/08/92	12/08/92	12/08/92	
Dilution:	1	1	1	1	1,20	1	
Acrylonitrile	100 U	100 U	100 U	100 U	100 U	100 U	
Acrolein	100 U	100 U	100 U	100 U	100 U	100 U	
Chloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Bromomethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Vinyl Chloride	5.0 U	5.0 U	5.0 U	5.0 U	10	5.0 U	
Chloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Methylene Chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Trichlorofluoromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,1-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,1-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
trans-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
cis-1,2-Dichloroethene	17	150	5.0 U	5.0 U	700	5.0 U	
Chloroform	5.0 U	5.0 U	5.0 U	5.0 U	270	5.0 U	
1,2-Dichloroethane	5.0 U	5.2	5.0 U	5.0 U	5.0 U	5.0 U	
1,1,1-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Carbon Tetrachloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Bromodichloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,2-Dichloropropane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,3-Dichloropropene-Trans	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Trichloroethene	5.0 U	89	5.0 U	5.0 U	14000	5.0 U	
Dibromochloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,1,2-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Benzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,3-Dichloropropene(Cis)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
2-Chloroethylvinyl Ether	IND	IND	IND	IND	IND	IND	
Bromoform	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Tetrachloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Toluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Chlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	
Ethylbenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	

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LABORATORY REPORT

Job No: R92/05128

Date: DEC. 15 1992

Client:

Mr. Mark Paprocki
 Seneca Army Depot
 DEH, Bldg. 123
 Romulus, NY 14541-5001

Sample(s) Reference

Request #W16G1A-2115-7005
 December

Collected

: 12/03/92

P.O. #:

SURROGATE RECOVERIES / EPA METHOD 624*				ANALYTICAL RESULTS - %		
Sample:	-009	-010	-011	-012	-013	-014
Location:	PT-21	PT-22	PT-10	PT-11	PT-18	TRIP BLANK
Date Collected:	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92
Time Collected:	11:27	11:30	12:45	12:30	12:12	07:05
=====						
Date Analyzed:	12/08/92	12/08/92	12/08/92	12/08/92	12/08/92	12/08/92
Surrogate Standard Recoveries						

1,2-Dichloroethane-d4 (Acceptance Limits: 76-114%)	109	112	104	100	101	98
Toluene d8 (Acceptance Limits: 88-110%)	108	110	110	109	108	109
4-Bromofluorobenzene (Acceptance Limits: 86-115%)	96	94	95	96	96	94

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

- NY ID# in Rochester: 10145
- NJ ID# in Rochester: 73331
- NJ ID# in Hackensack: 02317
- NY ID# in Hackensack: 10801

*As adapted by NYSDEC 1989 ASP Protocol

7 *Michael K. Perry*
 Laboratory Director



LABORATORY QUALITY CONTROL DATA

Presented in this section is Quality Control Associated with the data provided in Section A of this report.

Quality Control Explanations:

- (1) RUN QUALITY CONTROL - Selected QC data from the analytical run in which your sample(s) were involved.
- (2) JOB SPECIFIC QUALITY CONTROL - QC data specific to your set of samples.
- (3) DUPLICATES - Replicate analyses of a given sample used to monitor precision. Relative Percent Difference is calculated as the difference divided by the average, times 100.
- (4) MATRIX SPIKES - Addition of a known amount of analyte to a sample. Recovery is calculated by subtracting original value attributable to the sample from the combined value. The difference is then divided by the amount added to calculate percent recovery. Poor recoveries may indicate analytical interference due to the matrix of the sample. Any other samples of this matrix may also have been affected, high or low as indicated by the percent recovery.
- (5) LABORATORY CONTAMINANTS - Laboratory de-ionized water used to monitor for contamination during analysis.
- (6) BLANK SPIKES - Same as item #4 but analyte is added to laboratory de-ionized water. This indicates the accuracy of analysis.
- (7) REFERENCE CHECK SAMPLES - Samples from an outside source having a known concentration of analyte. Used as a measure of analytical accuracy.
When possible, all components of the above listed QC protocol are performed during an analytical run. The resulting data is compared to historical records when evaluating the quality of analytical runs. The data provided in your report has passed our Quality Assurance review.

Quality Control Notes:

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VOLATILE ORGANICS - AQUEOUS SAMPLE

WATER VOLATILE MATRIX SPIKE RECOVERY

Lab Name: General Testing Corp.

Matrix Spike - Sample No. : R92/05128 -001

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONCENTRATION (ug/l)	MS % REC #	QC LIMITS REC.
Chloromethane	50	0	92	D - 273
Bromomethane	50	0	91	D - 242
Vinyl Chloride	50	0	95	D - 251
Chloroethane	50	0	91	42 - 140
Methylene Chloride	50	0	86	D - 221
Trichlorofluoromethane	50	0	68	17 - 181
1,1-Dichloroethene	50	0	81	D - 234
1,1-Dichloroethane	50	0	78	59 - 155
trans-1,2-Dichloroethene	50	0	84	54 - 156
cis-1,2-Dichloroethene	50	0	88	54 - 156
Chloroform	50	0	83	51 - 138
1,2-Dichloroethane	50	0	79	49 - 155
1,1,1-Trichloroethane	50	0	80	52 - 162
Carbon Tetrachloride	50	0	77	70 - 140
Bromodichloromethane	50	0	83	35 - 155
1,2-Dichloropropane	50	0	88	D - 210
1,3-Dichloropropene-Tran	50	0	87	17 - 183
Trichloroethene	50	0	86	71 - 157
1,3-Dichloropropene(Cis)	50	0	85	D - 227
Dibromochloromethane	50	0	86	53 - 149
1,1,2-Trichloroethane	50	0	93	52 - 150
2-Chloroethylvinyl Ether	50	0	NA	D - 305
Bromoform	50	0	85	45 - 169
1,1,2,2-Tetrachloroethan	50	0	95	46 - 157

Columns to be used to flag recovery and RPD values with ++.

++ = Values outside of QC limits

MS QC Limits = EPA Acceptance Criteria

RPD Limits = Internal Acceptance Criteria

Spike Recovery: 0 out of 24 outside limits

COMMENTS: _____

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A Full Service Environmental Laboratory

VOLATILE ORGANICS - AQUEOUS SAMPLE

WATER VOLATILE MATRIX SPIKE RECOVERY

Lab Name: General Testing Corp.

Matrix Spike - Sample No. : R92/05128 -001

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONCENTRATION (ug/l)	MS % REC #	QC LIMITS REC.
Tetrachloroethene	50	0	87	64 - 148
Chlorobenzene	50	0	91	37 - 160
Benzene	50	0	89	37 - 151
Toluene	50	0	92	47 - 150
Ethylbenzene	50	0	91	37 - 162

Columns to be used to flag recovery and RPD values with ++.

++ = Values outside of QC limits

MS QC Limits = EPA Acceptance Criteria

RPD Limits = Internal Acceptance Criteria

Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____



A Full Service Environmental Laboratory
LABORATORY REPORT

Client:
Mr. Mark Paprocki
Seneca Army Depot
DEH, Bldg. 123
Romulus, NY 14541-5001

Job No: R92/05128
Date: 15 DEC., 1992

EPA METHOD 624	REFERENCE CHECK		ACCEPTANCE LIMITS (%)
	TRUE VALUE	% RECOVERY	
Date Analyzed: 12/07/92			
Acrylonitrile	100	96	50 - 150
Acrolein	100	49	18 - 185
Chloromethane	20	99	D - 273
Bromomethane	20	154	D - 242
Vinyl Chloride	20	127	D - 251
Chloroethane	20	110	14 - 230
Methylene Chloride	20	107	D - 221
Trichlorofluoromethane	20	72	17 - 181
1,1-Dichloroethene	20	107	D - 234
1,1-Dichloroethane	20	80	59 - 155
trans-1,2-Dichloroethene	20	106	54 - 156
cis-1,2-Dichloroethene	20	NA	54 - 156
Chloroform	20	100	51 - 138
1,2-Dichloroethane	20	92	49 - 155
1,1,1-Trichloroethane	20	88	52 - 162
Carbon Tetrachloride	20	86	70 - 140
Bromodichloromethane	20	90	35 - 155
1,2-Dichloropropane	20	100	D - 210
1,3-Dichloropropene-Trans	20	104	17 - 183
Trichloroethene	20	94	71 - 157
Dibromochloromethane	20	93	53 - 149
1,1,2-Trichloroethane	20	99	52 - 162
Benzene	20	101	37 - 151
1,3-Dichloropropene(Cis)	20	81	D - 227
2-Chloroethylvinyl Ether	20	NA	D - 305
Bromoform	20	87	45 - 169
Tetrachloroethene	20	101	64 - 148
1,1,2,2-Tetrachloroethane	20	100	46 - 157
Toluene	20	101	47 - 150
Chlorobenzene	20	100	37 - 160
Ethylbenzene	20	103	37 - 162

NA - Not Added

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A Full Service Environmental Laboratory

LABORATORY REPORT

Client:
 Mr. Mark Paprocki
 Seneca Army Depot
 DEH, Bldg. 123
 Romulus, NY 14541-5001

Job No: R92/05128

Date: 15 DEC., 1992

EPA METHOD 624	REFERENCE CHECK		ACCEPTANCE LIMITS (%)
	TRUE VALUE	% RECOVERY	
Date Analyzed: 12/08/92			
Acrylonitrile	100	112	50 - 150
Acrolein	100	54	18 - 185
Chloromethane	20	92	D - 273
Bromomethane	20	156	D - 242
Vinyl Chloride	20	116	D - 251
Chloroethane	20	108	14 - 230
Methylene Chloride	20	110	D - 221
Trichlorofluoromethane	20	76	17 - 181
1,1-Dichloroethene	20	106	D - 234
1,1-Dichloroethane	20	105	59 - 155
trans-1,2-Dichloroethene	20	108	54 - 156
cis-1,2-Dichloroethene	20	NA	54 - 156
Chloroform	20	105	51 - 138
1,2-Dichloroethane	20	95	49 - 155
1,1,1-Trichloroethane	20	91	52 - 162
Carbon Tetrachloride	20	94	70 - 140
Bromodichloromethane	20	96	35 - 155
1,2-Dichloropropane	20	106	D - 210
1,3-Dichloropropene-Trans	20	107	17 - 183
Trichloroethene	20	105	71 - 157
Dibromochloromethane	20	100	53 - 149
1,1,2-Trichloroethane	20	107	52 - 162
Benzene	20	105	37 - 151
1,3-Dichloropropene(Cis)	20	86	D - 227
2-Chloroethylvinyl Ether	20	NA	D - 305
Bromoform	20	100	45 - 169
Tetrachloroethene	20	104	64 - 148
1,1,2,2-Tetrachloroethane	20	114	46 - 157
Toluene	20	105	47 - 150
Chlorobenzene	20	107	37 - 160
Ethylbenzene	20	108	37 - 162

NA - Not Added

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GTC REPORT # R92/5128

SECTION C

FIELD DOCUMENTATION

Presented in this section is all support documentation requested.

Documentation Provided:

- (X) Chain of Custody Forms
- () Analytical Request Forms
- () Shipping Receipts
- () Laboratory Receipt Log
- (X) Other: Field Forms

GENERAL TESTING CORPORATION/CHAIN-OF-CUSTODY RECORD

710 Exchange Street 85 Trinity Place 435 Lawrence Bell Drive GTC Job No. R92/5128
 Rochester, NY 14608 Hackensack, NJ 07601 Amherst, NY 14221-7077 Client Project No. _____

Sample Origination & Shipping Information

Collection Site SENECA ARMY DEPOT
 Address _____
 Collector BOB URBAN Street _____ City _____ State _____ Zip _____
 Print Signature

Bottles Prepared by GTC Rec'd by _____
 Bottles Shipped to Client via _____ Seal/Shipping # _____
 Samples Shipped via _____ Seal/Shipping # _____

Sample(s) Relinquished by:		Received by:		Date/Time
1. Sign	<u>Bah Urban</u>	1. Sign		<u>12/3/92</u>
for	<u>GTC</u>	for		<u>14:45</u>
2. Sign		2. Sign		:
for		for		:
3. Sign		3. Sign		<u>/ /</u>
for		for		:

Sample(s) Received in Laboratory by _____ 12/3/92 @ 14:45

	Client I.D.#	Sample Location	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep		Bottle Set(s) (see below)
	Lab#	Date/Time			Preserved Y N	Filtered Y N	
1	<u>1-001</u> R92/5128-001	<u>MW-32</u> 12/3/92 09:30	<u>W</u>	<u>624</u>	<u>Y</u>	<u>N</u>	<u>1, A</u>
2	<u>2</u> R92/5128-002	<u>MW-33</u> 12/3/92 09:43	<u>W</u>				
3	<u>3</u> R92/5128-003	<u>PT-15</u> 12/3/92 09:52	<u>W</u>				
4	<u>4</u> R92/5128-004	<u>PT-23</u> 12/3/92 10:05	<u>W</u>				
5	<u>5</u> R92/5128-005	<u>PT-16</u> 12/3/92 10:18	<u>W</u>				

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	<u>2</u>			<u>1</u>							

Additional Analytes _____

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

* Source Codes: Monitoring Well (W), Soil (S), Treatment Plant (T), Drinking Water (D), Leachate (L), Hazardous Waste (H), River or Stream (R), Pond (P), Industrial Discharge (I), _____ (X), _____ (Y).

GENERAL TESTING CORPORATION/CHAIN-OF-CUSTODY RECORD

710 Exchange Street 85 Trinity Place 435 Lawrence Bell Drive GTC Job No. 292/5128
 Rochester, NY 14608 Hackensack, NJ 07601 Amherst, NY 14221-7077 Client Project No. _____

Sample Origination & Shipping Information

Collection Site SENECA ARMY DEPOT
 Address _____
 Collector BOB URBAN Street _____ City _____ State _____ Zip _____
 Print _____ Signature Bob Urban

Bottles Prepared by GTC Rec'd by GTC
 Bottles Shipped to Client via ↓ Seal/Shipping # _____
 Samples Shipped via ↓ Seal/Shipping # _____

Sample(s) Relinquished by:	Received by:	Date/Time
1. Sign <u>Bob Urban</u> for <u>GTC</u>	1. Sign _____ for _____	<u>12/3/92</u> <u>14:45</u>
2. Sign _____ for _____	2. Sign _____ for _____	: :
3. Sign _____ for _____	3. Sign _____ for _____	<u>1</u> <u>1</u> :

Sample(s) Received in Laboratory by [Signature] 12/3/92 @ 14:45

	Client I.D.# Lab#	Sample Location Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep		Bottle Set(s) (see below)
					Preserved Y N	Filtered Y N	
1	<u>6</u> <u>R92/5128-006</u>	<u>PT-19</u> <u>12/3/92' 10:30</u>	<u>W</u>	<u>624</u>	<u>Y</u>	<u>N</u>	<u>1, 4</u>
2	<u>7</u> <u>R92/5128-007</u>	<u>PT-20</u> <u>12/3/92' 10:53</u>	<u>W</u>				
3	<u>8</u> <u>R12/5128-008</u>	<u>PT-12</u> <u>12/3/92' 11:10</u>	<u>W</u>				
4	<u>9</u> <u>R92/5128-009</u>	<u>PT-21</u> <u>12/3/92' 11:27</u>	<u>W</u>				
5	<u>10</u> <u>R92/5128-010</u>	<u>PT-22</u> <u>12/3/92' 11:30</u>	<u>W</u>				

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	<u>2</u>			<u>1</u>							

Additional Analytes _____ 15

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

* Source Codes: Monitoring Well (W), Soil (S), Treatment Plant (T), Drinking Water (D), Leachate (L), Hazardous Waste (H), River or Stream (R), Pond (P), Industrial Discharge (I), _____ (X), _____ (Y).

GENERAL TESTING CORPORATION/CHAIN-OF-CUSTODY RECORD

710 Exchange Street 85 Trinity Place 435 Lawrence Bell Drive GTC Job No. R92/5128
 Rochester, NY 14608 Hackensack, NJ 07601 Amherst, NY 14221-7077 Client Project No. _____

Sample Origination & Shipping Information

Collection Site SENECA ARMY DEPOT
 Address _____
 Collector BOB UNBAN Street _____ City _____ State _____ Zip _____
 Print _____ Signature Bah Ulan

Bottles Prepared by GTC Rec'd by _____
 Bottles Shipped to Client via ✕ Seal/Shipping # _____
 Samples Shipped via ✕ Seal/Shipping # _____

Sample(s) Relinquished by:		Received by:		Date/Time
1. Sign	<u>Bah Ulan</u>	1. Sign		<u>12/3/92</u>
for	<u>GTC</u>	for		<u>14:45</u>
2. Sign		2. Sign		/ /
for		for		:
3. Sign		3. Sign		/ /
for		for		:

Sample(s) Received in Laboratory by _____ 12/3/92 @ 14:45

	Client I.D.#	Sample Location	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep				Bottle Set(s) (see below)
	Lab#	Date/Time			Preserved	Filtered	Y	N	
1	<u>11</u> <u>R92/5128-011</u>	<u>PT-10</u> <u>12/3/92 12:45</u>	<u>W</u>	<u>624</u>	<u>Y</u>	<u>N</u>	<u>1, 4</u>		
2	<u>12</u> <u>R92/5128-012</u>	<u>PT-11</u> <u>12/3/92 12:30</u>	<u>W</u>						
3	<u>13</u> <u>R92/5128-013</u>	<u>PT-18</u> <u>12/3/92 12:12</u>	<u>W</u>						
4	<u>14</u> <u>R92/5128-014</u>	<u>TRIP BLANK</u> <u>12/3/92 07:05</u>	<u>X</u>						
5		/ / :							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	<u>2</u>			<u>1</u>							

Additional Analytes _____ 16

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

* Source Codes: Monitoring Well (W), Soil (S), Treatment Plant (T), Drinking Water (D), Leachate (L), Hazardous Waste (H), River or Stream (R), Pond (P), Industrial Discharge (I), _____ (X), _____ (Y).

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5128
 Well I.D. MW-32 Lab Number 1+QC

PURGE INFORMATION

Purge Method FUGI PUMP
 Well Depth (ft) 10.19
 Static Water Level (ft) 4.86
 Depth of Water Column (gal/ft)x 5.33
 Well Constant (gal/ft)x 0.16
 Volume standing in well 0.9 gallons
 Start of Purge: Date 12/3/92 Time 09:20 End Purge 09:22
 Purge Observations ONLY, TURBID
 Total Volume Purged 1.5 gallons # of Volume Casings Purged 1.6 VOL DRN

HNU Meter Reading
 Well Head _____
 Breathing Zone _____

SAMPLING INFORMATION

Sample Method PVC BAILER
 Sample Date: 12/3/92 Time: 09:30 Sample Depth: 6.27 ft.
 Sample Appearance: ONLY, TURBID
 Recharge Time _____ Recharge Rate _____

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Stnd.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.76</u>	<u>7.75</u>
<u>COLE/PARMER</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>640</u>	<u>630</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>8.7</u>	<u>8.8</u>

Crew Members RJU, CC
 Meter Calibration: Date/Time 12/3/92 09:25 PH 7.05, A.03, 10.06
COND = 1410
 Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F 10-15 MPH WINDS LIGHT SNOW
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.
 Sampler (Print) BOB URBAN
 Date: 12/3/92 Signature Bob Urban

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENeca ARMY DEPOT Job Number R92/5/28
 Well I.D. MW-33 Lab Number 2

PURGE INFORMATION

Purge Method FUGI PUMP

Well Depth (ft) 10.20
 Static Water Level (ft) 4.38
 Depth of Water Column (gal/ft)x 5.82
 Well Constant (gal/ft)x 0.16
 Volume standing in well 0.9 gallons

HNU Meter Reading
 Well Head /
 Breathing Zone /

Start of Purge: Date 12/3/92 Time 09:37 End Purge 09:39

Purge Observations GREY - TURBID

Total Volume Purged 3 gallons # of Volume Casings Purged 3

SAMPLING INFORMATION

Sample Method PVC BAILER

Sample Date: 12/3/92 Time: 09:43 Sample Depth: 4.39 ft.

Sample Appearance: GREY-TURBID

Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Replicates

Meter Number	Parameter	Unit Std.	1	2
<u>BECKMAN</u>	pH	std	<u>7.38</u>	<u>7.41</u>
<u>COLE/PALMER</u>	Spec. Cond.	umhos/cm	<u>580</u>	<u>580</u>
<u>BECKMAN</u>	Temp	°Celsius	<u>7.9</u>	<u>7.9</u>

Crew Members ROU, CC

Meter Calibration: Date/Time 12/3/92 09:25

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F 10-15 MPH WINDS

WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/3/92 Signature Bob Urban

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5128
 Well I.D. PT-15 Lab Number 3

PURGE INFORMATION Purge Method FOGH PUMP
 Well Depth (ft) 19.42
 Static Water Level (ft) 4.96 HNU Meter Reading /
 Depth of Water Column (gal/ft)x 14.46 Well Head /
 Well Constant (gal/ft)x 0.16 Breathing Zone /
 Volume standing in well 2.3 gallons
 Start of Purge: Date 12/3/92 Time 09:45 End Purge 09:47
 Purge Observations GREY, TURBID
 Total Volume Purged 2.3 gallons # of Volume Casings Purged 1 VOL DRY

SAMPLING INFORMATION Sample Method PK BAILER
 Sample Date: 12/3/92 Time: 09:52 Sample Depth: 15.37 ft.
 Sample Appearance: GREY, TURBID
 Recharge Time / Recharge Rate /

FIELD MEASUREMENTS Replicates

Meter Number	Parameter	Unit Stnd.	1	2
<u>BECKMAN</u>	<u>pH</u>	<u>stnd</u>	<u>7.65</u>	<u>7.66</u>
<u>COE/PARMA</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>410</u>	<u>410</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>8.5</u>	<u>8.4</u>

Crew Members RJU, CC
 Meter Calibration: Date/Time 12/3/92 09:25
 Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F 10-15 MPH WINDS
WELL LOCKED AND IN GOOD CONDITION

19

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.
 Sampler (Print) BOB URBAN
 Date: 12/3/92 Signature Bob Urban

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5128
Well I.D. PT-23 Lab Number 4

PURGE INFORMATION

Purge Method FUGI PUMP

Well Depth (ft) 12.00

Static Water Level (ft) 4.62

Depth of Water Column (gal/ft)x 7.38

Well Constant (gal/ft)x 0.16

Volume standing in well 1.2 gallons

HNU Meter Reading

Well Head /

Breathing Zone /

Start of Purge: Date 12/3/92 Time 10:00 End Purge 10:02

Purge Observations GREY, TURBID

Total Volume Purged 1.2 gallons # of Volume Casings Purged 1 Vol Dir

SAMPLING INFORMATION

Sample Method PUC BAILER

Sample Date: 12/3/92 Time: 10:05 Sample Depth: 7.58 ft.

Sample Appearance: LIGHT GREY TINT

Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Replicates

Meter Number	Parameter	Unit Stnd.	1	2
<u>BECKMAN</u>	pH	std	<u>7.55</u>	<u>7.59</u>
<u>COLE/PANHO</u>	Spec. Cond.	umhos/cm	<u>475</u>	<u>470</u>
<u>BECKMAN</u>	Temp	°Celsius	<u>8.8</u>	<u>8.8</u>

Crew Members RJO, CC

Meter Calibration: Date/Time 12/3/92 09:25

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35° F 10-15 MPH WINDS

WELL LOCKED AND IN GOOD CONDITION

20

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) Bob Urban

Date: 12/3/92 Signature Bob Urban

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R90/5/28
Well I.D. PT-16 Lab Number 5

PURGE INFORMATION

Purge Method FUGI PUMP

Well Depth (ft) 11.00
Static Water Level (ft) 2.99
Depth of Water Column (gal/ft)x 8.01
Well Constant (gal/ft)x 0.16
Volume standing in well 1.3 gallons

HNU Meter Reading
Well Head /
Breathing Zone /

Start of Purge: Date 12/3/92 Time 10:13 End Purge 10:15

Purge Observations LIGHT GREEN TINT

Total Volume Purged 4 gallons # of Volume Casings Purged 3 VOL

SAMPLING INFORMATION

Sample Method PUC BAILER

Sample Date: 12/3/92 Time: 10:18 Sample Depth: 3.01 ft.

Sample Appearance: LIGHT GREEN TINT

Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	pH	std	<u>7.43</u>	<u>7.42</u>
<u>COLE/PANNA</u>	Spec. Cond.	umhos/cm	<u>420</u>	<u>420</u>
<u>BECKMAN</u>	Temp	°Celsius	<u>7.8</u>	<u>7.7</u>

Crew Members RJD, CC

Meter Calibration: Date/Time 12/3/92 09:25

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F 10 MPH WINDS
WELL LOCKED AND IN GOOD CONDITION

21

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/8/92 Signature Bob Urban

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5128
 Well I.D. PT-19 Lab Number 6

PURGE INFORMATION

Purge Method FUGI PUMP

Well Depth (ft) 11.58
 Static Water Level (ft) 3.87
 Depth of Water Column (gal/ft)x 7.71
 Well Constant (gal/ft)x 0.16
 Volume standing in well 1.2 gallons

HNU Meter Reading
 Well Head /
 Breathing Zone /

Start of Purge: Date 12/3/92 Time 10:25 End Purge 10:27

Purge Observations BLACK, VERY TURBID

Total Volume Purged 2 gallons # of Volume Casings Purged 1, 7 Vol ~~Dis~~

SAMPLING INFORMATION

Sample Method PVC BAILER

Sample Date: 12/3/92 Time: 10:30 Sample Depth: 3.91 ft.

Sample Appearance: BROWN, TURBID

Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Stnd.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.20</u>	<u>7.25</u>
<u>COE/PARMER</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>480</u>	<u>490</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>8.4</u>	<u>8.5</u>

Crew Members RJO, CC

Meter Calibration: Date/Time 12/3/92 09:25

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F 10MPH WINDS

WELL LOCKED, BAILER FOUND IN WEEDS NEXT TO WELL, INNER CASING BROKEN AT GROUND LEVEL

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN 22

Date: 12/3/92 Signature Bob Urban

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5/28
Well I.D. PT-20 Lab Number 7

PURGE INFORMATION

Purge Method FUGI PUMP

Well Depth (ft) 11.61

Static Water Level (ft) 5.92

Depth of Water Column (gal/ft)x 5.69

Well Constant (gal/ft)x 0.16

Volume standing in well 0.9 gallons

HNU Meter Reading

Well Head /

Breathing Zone /

Start of Purge: Date 12/3/92 Time 10:48 End Purge 10:49

Purge Observations LIGHT TAN TINT

Total Volume Purged 1.0 gallons # of Volume Casings Purged 1 VOL DRY

SAMPLING INFORMATION

Sample Method PVC BAILER

Sample Date: 12/3/92 Time: 10:53 Sample Depth: 7.93 ft.

Sample Appearance: CLEAR

Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Replicates

Meter Number	Parameter	Unit Stnd.	1	2
<u>BECKMAN</u>	pH	std	<u>7.40</u>	<u>7.38</u>
<u>COLE/PARMEZ</u>	Spec. Cond.	umhos/cm	<u>460</u>	<u>480</u>
<u>BECKMAN</u>	Temp	°Celsius	<u>8.6</u>	<u>8.7</u>

Crew Members RJU, CC

Meter Calibration: Date/Time 12/3/92 09:25

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F 10-15 MPH WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/3/92 Signature Bob Urban 23

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENeca ARMY DEPOT Job Number R92/5128
Well I.D. PT-12 Lab Number 8

PURGE INFORMATION

Purge Method FOGI PUMP

Well Depth (ft) 13.32
Static Water Level (ft) 5.43
Depth of Water Column (gal/ft)x 7.89
Well Constant (gal/ft)x 0.16
Volume standing in well 1.3 gallons

HNU Meter Reading:
Well Head /
Breathing Zone /

Start of Purge: Date 12/3/92 Time 11:03 End Purge 11:05

Purge Observations Brown, TURBID

Total Volume Purged 1.3 gallons # of Volume Casings Purged (VOL DRY)

SAMPLING INFORMATION

Sample Method PUC BAILER

Sample Date: 12/3/92 Time: 11:10 Sample Depth: 11.44 ft.

Sample Appearance: Brown, TURBID

Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Replicates

Meter Number	Parameter	Unit Std.	1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.27</u>	<u>7.29</u>
<u>COLE/PANNA</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>1100</u>	<u>1100</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>9.6</u>	<u>9.5</u>

Crew Members RJO, CC

Meter Calibration: Date/Time 12/3/92 09:25

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F 10-15 MPH WINDS LIGHT SNOW
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/3/92 Signature Bob Urban *2H*

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5128
Well I.D. PT-21 Lab Number 9

PURGE INFORMATION

Purge Method FIXED PUMP

Well Depth (ft) 19.20

Static Water Level (ft) 4.79

Depth of Water Column (gal/ft)x 14.41

Well Constant (gal/ft)x 0.116

Volume standing in well 2.3 gallons

HNU Meter Reading

Well Head /

Breathing Zone /

Start of Purge: Date 12/3/92 Time 11:18 End Purge 11:20

Purge Observations LIGHT GREY TINT

Total Volume Purged 2.3 gallons # of Volume Casings Purged 100% DRY

SAMPLING INFORMATION

Sample Method PVC BAILER

Sample Date: 12/3/92 Time: 11:27 Sample Depth: 18.37 ft.

Sample Appearance: LIGHT GREY TINT

Recharge Time - Recharge Rate -

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.81</u>	<u>7.80</u>
<u>COLE/PARMIZ</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>620</u>	<u>620</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>10.0</u>	<u>9.9</u>

Crew Members ROU, CC

Meter Calibration: Date/Time 12/3/92 11:25 PH 7.06, 10.08, 4.03
COND =AD

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F 10-15 MPH WINDS
WELL LOCKED AND IN GOOD CONDITION

SLOW RECHARGE

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/3/92 Signature Bob Urban 25

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R22/5128
 Well I.D. PT-22 Lab Number 10

PURGE INFORMATION

Purge Method FUGI PUMP

Well Depth (ft) 11.70
 Static Water Level (ft) 6.03
 Depth of Water Column (gal/ft)x 5.67
 Well Constant (gal/ft)x 0.16
 Volume standing in well 0.9 gallons

HNU Meter Reading /
 Well Head _____
 Breathing Zone _____

Start of Purge: Date 12/3/92 Time 11:22 End Purge 11:23

Purge Observations TAN-BROWN

Total Volume Purged 1.0 gallons # of Volume Casings Purged 100% DR

SAMPLING INFORMATION

Sample Method PUC BAILER

Sample Date: 12/3/92 Time: 11:30 Sample Depth: 7.93 ft.

Sample Appearance: LIGHT TAN TINT

Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Replicates

Meter Number	Parameter	Unit Std.	1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.46</u>	<u>7.47</u>
<u>COLEMAN</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>650</u>	<u>640</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>9.3</u>	<u>9.4</u>

Crew Members RU, CC

Meter Calibration: Date/Time 12/3/92 11:25

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F 10-15 MPH WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/3/92 Signature Bob Urban 26

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5128
Well I.D. PT-10 Lab Number ~~11~~ 11

PURGE INFORMATION

Purge Method FUGI PUMP

Well Depth (ft) 46.31

Static Water Level (ft) 5.28

Depth of Water Column (gal/ft)x 41.03

Well Constant (gal/ft)x 0.16

Volume standing in well 6.6 gallons

HNU Meter Reading

Well Head

Breathing Zone

Start of Purge: Date 12/3/92 Time 12:35 End Purge 12:42

Purge Observations CLEAR

Total Volume Purged 8 gallons

of Volume Casings Purged 1.3 Vol Casing

SAMPLING INFORMATION

Sample Method PVC BAILER

Sample Date: 12/3/92 Time: 12:45 Sample Depth: 44.19 ft.

Sample Appearance: CLEAR

Recharge Time — Recharge Rate —

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	pH	std	<u>7.72</u>	<u>7.70</u>
<u>COLE/PAMMER</u>	Spec. Cond.	umhos/cm	<u>590</u>	<u>590</u>
<u>BECKMAN</u>	Temp	°Celsius	<u>10.3</u>	<u>10.2</u>

Crew Members RJO, CC

Meter Calibration: Date/Time 12/3/92 11:25

Weather 48 Hour History

FIELD OBSERVATIONS: Weather CLOUDY 35°F 10-15 MPH WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/3/92 Signature Bob Urban 21

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENUGA ARMY DEPOT Job Number 292/5128
 Well I.D. PT-11 Lab Number 12

PURGE INFORMATION

Purge Method FOGI PUMP

Well Depth (ft) 19.63
 Static Water Level (ft) 4.70
 Depth of Water Column (gal/ft)x 14.93
 Well Constant (gal/ft)x 0.16
 Volume standing in well 2.4 gallons
 Start of Purge: Date 12/3/92 Time 12:25 End Purge 12:27
 Purge Observations BLACK-BROWN, TURBID
 Total Volume Purged 2.4 gallons # of Volume Casings Purged 1 VOL DRY

HNU Meter Reading /
 Well Head /
 Breathing Zone /

SAMPLING INFORMATION

Sample Method PVC BAILER

Sample Date: 12/3/92 Time: 12:30 Sample Depth: 18.57 ft.
 Sample Appearance: BLACK-BROWN, TURBID
 Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.78</u>	<u>7.81</u>
<u>COLE PARMER</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>740</u>	<u>760</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>10.2</u>	<u>10.2</u>

Crew Members ROU, CC

Meter Calibration: Date/Time 12/3/92 11:25

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather CLOUDY 35°F 10-15 MPH WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/3/92 Signature Bob Urban 28

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5128
 Well I.D. PT-18 Lab Number # 13

PURGE INFORMATION Purge Method FOG1 PUMP
 Well Depth (ft) 11.71
 Static Water Level (ft) 5.39 HNU Meter Reading 7
 Depth of Water Column (gal/ft)x 6.32 Well Head _____
 Well Constant (gal/ft)x 0.16 Breathing Zone _____
 Volume standing in well 1.0 gallons
 Start of Purge: Date 12/3/92 Time 12:08 End Purge 12:09
 Purge Observations GREY-TAN
 Total Volume Purged 1.0 gallons # of Volume Casings Purged 1 VOL DRY

SAMPLING INFORMATION Sample Method PVC BAILER
 Sample Date: 12/3/92 Time: 12:12 Sample Depth: 8.17 ft.
 Sample Appearance: LIGHT GREY TINT
 Recharge Time Recharge Rate

FIELD MEASUREMENTS Replicates

Meter Number	Parameter	Unit Stnd.	1	2
<u>BECKMAN</u>	pH	std	<u>7.84</u>	<u>7.83</u>
<u>COLE/PARMEZ</u>	Spec. Cond.	umhos/cm	<u>1000</u>	<u>1000</u>
<u>BECKMAN</u>	Temp	°Celsius	<u>10.9</u>	<u>10.8</u>

Crew Members R30, CC
 Meter Calibration: Date/Time 12/3/92 11:25
 Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F 10-15 MPH WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.
 Sampler (Print) BOB URBAN
 Date: 12/3/92 Signature Bob Urban 29



A Full Service Environmental Laboratory

DEC. 8 1992

Mr. Mark Paprocki
Seneca Army Depot
DEH, Bldg. 123
Romulus, NY 14541-5001

Re: Request #W16G1A-2132-7001

Dear Mr. Mark Paprocki

Enclosed are the results of the analysis requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at 454-3760.

Thank you for letting us provide this service.

Sincerely,

GENERAL TESTING CORPORATION

A handwritten signature in blue ink, appearing to read 'ms/sh', is written over the typed name of Marshall Shannon.

Marshall Shannon
Customer Service Director

Enc.

GTC REPORT # R92/5127

REPORT INDEX

SECTION A. ANALYTICAL DATA

SECTION B. QUALITY CONTROL

SECTION C. FIELD DOCUMENTATION

GTC LIST OF QUALIFIERS

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

- U - Indicates compound was analyzed for but was not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.
- J - Indicates an estimated value. For further explanation see case narrative / cover letter.
- B - This flag is used when the analyte is found in the associated blank as well as in the sample.
- E - This flag identifies compounds whose concentrations exceed the calibration range and reanalysis could not be performed.
- A - This flag indicates that a TIC is a suspected aldol-condensation product.
- N - Spiked sample recovery not within control limits. (Flag the entire batch - Inorganic analytes only)
- * - Duplicate analysis not within control limits. (Flag the entire batch - Inorganic analysis only)
- Also used to qualify Organics QC data outside limits. (Only used on the QC summary sheets)
- M - Duplication injection precision not met (GFA only).
- S - Reported value determined by Method of Standard Additions. (MSA)
- X - As specified in the case narrative.

GTC REPORT # R/92 5127

SECTION A

ANALYTICAL DATA

Presented in this section is analytical data for the parameters requested. The following references concerning units and analytical methodology apply to the data herein

Units: as specified

Analytical Methodology Obtained From:

- (X) Federal Register, 40 CFR Part 136, Guidelines Establishing Test Procedures for the analyses of Pollutants under the Clean Water Act, 10/26/84.

- () SW-846, Test Methods for Evaluating Solid Waste, 3rd Edition, 9/86.

- () Other:

COMPANY: SENECA ARMY DEPOT
#W16G1A-2132-7001
JOB #: R92/05127

VOLATILE ORGANICS

Seneca Army Depot water samples were analyzed for Priority Pollutant List (PPL) volatiles by EPA method 624.

All surrogate standard recoveries were within acceptance limits for all samples.

All QC data associated with this analysis was acceptable.

The Trip Blank (R92/05127-013) was free of contamination.

All laboratory blanks were free of any contamination.

All required analysis holding times were met.

The 2-Chloroethylvinyl ether was Indeterminant and has been flagged "IND" in all samples due to the inability to routinely detect this analyte in the calibration standards.

No other analytical or QC problems were encountered.



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R92/05127

Date: DEC. 8 1992

Client:

Mr. Mark Paprocki
Seneca Army Depot
DEH, Bldg. 123
Romulus, NY 14541-5001

Sample(s) Reference

Request #W16G1A-2132-7001

*✓-2149
PERimeter*

Collected

: 12/02/92

P.O. #:

ANALYSIS * BY EPA METHOD 624* ANALYTICAL RESULTS - ug/l

Sample:	-001	-002	-003	-004	-005	-006	-007	-008
Location:	MW-30	MW-31	PT-25	PT-17	MW-29	PT-24	MW-28	MW-27
Date Collected:	12/02/92	12/02/92	12/02/92	12/02/92	12/02/92	12/02/92	12/02/92	12/02/92
Time Collected:	11:35	11:42	11:52	12:00	12:05	12:10	12:15	12:23
Date Analyzed:	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/04/92	12/04/92
Dilution:	1	1	1	1	1	1	1	1
Acrylonitrile	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Acrolein	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Chloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	35	67	110	51	5.0 U
Chloroform	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichloropropene-Trans	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5.0 U	5.0 U	5.0 U	160	5.0 U	6.7	30	5.0 U
Dibromochloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichloropropene(Cis)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloroethylvinyl Ether	IND	IND	IND	IND	IND	IND	IND	IND
Bromoform	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

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A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R92/05127

Date: DEC. 8 1992

Client:

Mr. Mark Paprocki
Seneca Army Depot
DEH, Bldg. 123
Romulus, NY 14541-5001

Sample(s) Reference

Request #W16G1A-2132-7001

Collected

: 12/02/92

P.O. #:

SURROGATE RECOVERIES / EPA METHOD 624*				ANALYTICAL RESULTS - %				
Sample:	-001	-002	-003	-004	-005	-006	-007	-008
Location:	MW-30	MW-31	PT-25	PT-17	MW-29	PT-24	MW-28	MW-27
Date Collected:	12/02/92	12/02/92	12/02/92	12/02/92	12/02/92	12/02/92	12/02/92	12/02/92
Time Collected:	11:35	11:42	11:52	12:00	12:05	12:10	12:15	12:23
Date Analyzed:	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/03/92	12/04/92	12/04/92
Surrogate Standard Recoveries								
1,2-Dichloroethane-d4 (Acceptance Limits: 76-114%)	98	102	106	113	107	104	101	106
Toluene d8 (Acceptance Limits: 88-110%)	109	106	106	109	109	106	105	110
4-Bromofluorobenzene (Acceptance Limits: 86-115%)	98	98	96	98	99	96	97	96

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145

NJ ID# in Rochester: 73331

NJ ID# in Hackensack: 02317

NY ID# in Hackensack: 10801

*As adapted by NYSDEC 1989 ASP Protocol

Michael K. Perry
Laboratory Director

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A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R92/05127

Date: DEC. 8 1992

Client:

Mr. Mark Paprocki
Seneca Army Depot
DEH, Bldg. 123
Romulus, NY 14541-5001

Sample(s) Reference

Request #W16G1A-2132-7001

Collected

: 12/02/92

P.O. #:

ANALYSIS * BY EPA METHOD 624* ANALYTICAL RESULTS - ug/l

Sample:	-009	-010	-011	-012	-013			
Location:	FARM HOUSE	FARM HOUSE	FARM HOUSE	PT-26	TRIP BLANK			
	DEEP WELL	SHALLOW	CISTERN					
Date Collected:	12/02/92	12/02/92	12/02/92	12/02/92	12/02/92			
Time Collected:	13:30	13:35	13:45	14:10	07:00			
Date Analyzed:	12/04/92	12/04/92	12/04/92	12/04/92	12/04/92			
Dilution:	1	1	1	1	1			
Acrylonitrile	100 U	100 U	100 U	100 U	100 U			
Acrolein	100 U	100 U	100 U	100 U	100 U			
Chloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Bromomethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Vinyl Chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Chloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Methylene Chloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Trichlorofluoromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
1,1-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
1,1-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
trans-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
cis-1,2-Dichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Chloroform	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
1,2-Dichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
1,1,1-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Carbon Tetrachloride	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Bromodichloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
1,2-Dichloropropane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
1,3-Dichloropropene-Trans	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Trichloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Dibromochloromethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
1,1,2-Trichloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Benzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
1,3-Dichloropropene(Cis)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
2-Chloroethylvinyl Ether	IND	IND	IND	IND	IND			
Bromoform	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Tetrachloroethene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
1,1,2,2-Tetrachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Toluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Chlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			
Ethylbenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U			

lp



A Full Service Environmental Laboratory

LABORATORY REPORT

Job No: R92/05127

Date: DEC. 8 1992

Client:

Mr. Mark Paprocki
 Seneca Army Depot
 DEH, Bldg. 123
 Romulus, NY 14541-5001

Sample(s) Reference

Request #W16G1A-2132-7001

Collected

: 12/02/92

P.O. #:

SURROGATE RECOVERIES / EPA METHOD 624*				ANALYTICAL RESULTS - %		
Sample:	-009	-010	-011	-012	-013	
Location:	FARM HOUS	FARM HOUSE	FARM HOUSE	PT-26	TRIP BLANK	
	DEEP WELL	SHALLOW	CISTERN			
Date Collected:	12/02/92	12/02/92	12/02/92	12/02/92	12/02/92	
Time Collected:	13:30	13:35	13:45	14:10	07:00	

Date Analyzed:	12/04/92	12/04/92	12/04/92	12/04/92	12/04/92	
Surrogate Standard Recoveries						

1,2-Dichloroethane-d4 (Acceptance Limits: 76-114%)	101	106	112	107	114	
Toluene d8 (Acceptance Limits: 88-110%)	101	109	105	107	110	
4-Bromofluorobenzene (Acceptance Limits: 86-115%)	95	101	96	101	95	

Unless otherwise noted, analytical methodology has been obtained from references as cited in 40 CFR, parts #136 & #261.

NY ID# in Rochester: 10145
 NJ ID# in Rochester: 73331
 NJ ID# in Hackensack: 02317
 NY ID# in Hackensack: 10801

*As adapted by NYSDEC 1989 ASP Protocol

Michael K. Perry
 Laboratory Director



SECTION B

LABORATORY QUALITY CONTROL DATA

Presented in this section is Quality Control Associated with the data provided in Section A of this report.

Quality Control Explanations:

- (1) RUN QUALITY CONTROL - Selected QC data from the analytical run in which your sample(s) were involved.
- (2) JOB SPECIFIC QUALITY CONTROL - QC data specific to your set of samples.
- (3) DUPLICATES - Replicate analyses of a given sample used to monitor precision. Relative Percent Difference is calculated as the difference divided by the average, times 100.
- (4) MATRIX SPIKES - Addition of a known amount of analyte to a sample. Recovery is calculated by subtracting original value attributable to the sample from the combined value. The difference is then divided by the amount added to calculate percent recovery. Poor recoveries may indicate analytical interference due to the matrix of the sample. Any other samples of this matrix may also have been affected, high or low as indicated by the percent recovery.
- (5) LABORATORY CONTAMINANTS - Laboratory de-ionized water used to monitor for contamination during analysis.
- (6) BLANK SPIKES - Same as item #4 but analyte is added to laboratory de-ionized water. This indicates the accuracy of analysis.
- (7) REFERENCE CHECK SAMPLES - Samples from an outside source having a known concentration of analyte. Used as a measure of analytical accuracy.

When possible, all components of the above listed QC protocol are performed during an analytical run. The resulting data is compared to historical records when evaluating the quality of analytical runs. The data provided in your report has passed our Quality Assurance review.

Quality Control Notes:



A Full Service Environmental Laboratory

VOLATILE ORGANICS - AQUEOUS SAMPLE

WATER VOLATILE MATRIX SPIKE RECOVERY

Lab Name: General Testing Corp.

Matrix Spike - Sample No. : R92/05127 -001

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONCENTRATION (ug/l)	MS % REC #	QC LIMITS REC.
Chloromethane	50	0	109	D - 273
Bromomethane	50	0	116	D - 242
Vinyl Chloride	50	0	119	D - 251
Chloroethane	50	0	115	42 - 140
Methylene Chloride	50	0	113	D - 221
Trichlorofluoromethane	50	0	82	17 - 181
1,1-Dichloroethene	50	0	101	D - 234
1,1-Dichloroethane	50	0	126	59 - 155
trans-1,2-Dichloroethene	50	0	109	54 - 156
cis-1,2-Dichloroethene	50	0	99	54 - 156
Chloroform	50	0	98	51 - 138
1,2-Dichloroethane	50	0	108	49 - 155
1,1,1-Trichloroethane	50	0	77	52 - 162
Carbon Tetrachloride	50	0	71	70 - 140
Bromodichloromethane	50	0	99	35 - 155
1,2-Dichloropropane	50	0	103	D - 210
1,3-Dichloropropene-Tran	50	0	104	17 - 183
Trichloroethene	50	0	96	71 - 157
1,3-Dichloropropene (Cis)	50	0	99	D - 227
Dibromochloromethane	50	0	102	53 - 149
1,1,2-Trichloroethane	50	0	110	52 - 150
2-Chloroethylvinyl Ether	50	0	NA	D - 305
Bromoform	50	0	106	45 - 169
1,1,2,2-Tetrachloroethan	50	0	115	46 - 157

Columns to be used to flag recovery and RPD values with ++.

++ = Values outside of QC limits

MS QC Limits = EPA Acceptance Criteria

RPD Limits = Internal Acceptance Criteria

Spike Recovery: 0 out of 24 outside limits

COMMENTS: _____

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A Full Service Environmental Laboratory

VOLATILE ORGANICS - AQUEOUS SAMPLE

WATER VOLATILE MATRIX SPIKE RECOVERY

Lab Name: General Testing Corp.

Matrix Spike - Sample No. : R92/05127 -001

COMPOUND	SPIKE ADDED (ug/l)	SAMPLE CONCENTRATION (ug/l)	MS % REC #	QC LIMITS REC.
Tetrachloroethene	50	0	95	64 - 148
Chlorobenzene	50	0	96	37 - 160
Benzene	50	0	97	37 - 151
Toluene	50	0	98	47 - 150
Ethylbenzene	50	0	94	37 - 162

Columns to be used to flag recovery and RPD values with ++.

++ = Values outside of QC limits

MS QC Limits = EPA Acceptance Criteria

RPD Limits = Internal Acceptance Criteria

Spike Recovery: 0 out of 5 outside limits

COMMENTS: _____



A Full Service Environmental Laboratory

LABORATORY REPORT

Client:
 Mr. Mark Paprocki
 Seneca Army Depot
 DEH, Bldg. 123
 Romulus, NY 14541-5001

Job No: R92/05127

Date: 8 DEC., 1992

EPA METHOD 624	REFERENCE CHECK		ACCEPTANCE LIMITS (%)
	TRUE VALUE	% RECOVERY	
Date Analyzed: 12/03/92			
Acrylonitrile	100	135	50 - 150
Acrolein	100	67	18 - 185
Chloromethane	20	115	D - 273
Bromomethane	20	169	D - 242
Vinyl Chloride	20	135	D - 251
Chloroethane	20	122	14 - 230
Methylene Chloride	20	129	D - 221
Trichlorofluoromethane	20	88	17 - 181
1,1-Dichloroethene	20	123	D - 234
1,1-Dichloroethane	20	120	59 - 155
trans-1,2-Dichloroethene	20	119	54 - 156
cis-1,2-Dichloroethene	20	NA	54 - 156
Chloroform	20	102	51 - 138
1,2-Dichloroethane	20	113	49 - 155
1,1,1-Trichloroethane	20	84	52 - 162
Carbon Tetrachloride	20	94	70 - 140
Bromodichloromethane	20	100	35 - 155
1,2-Dichloropropane	20	106	D - 210
1,3-Dichloropropene-Trans	20	115	17 - 183
Trichloroethene	20	99	71 - 157
Dibromochloromethane	20	101	53 - 149
1,1,2-Trichloroethane	20	109	52 - 162
Benzene	20	103	37 - 151
1,3-Dichloropropene(Cis)	20	89	D - 227
2-Chloroethylvinyl Ether	20	NA	D - 305
Bromoform	20	108	45 - 169
Tetrachloroethene	20	109	64 - 148
1,1,2,2-Tetrachloroethane	20	114	46 - 157
Toluene	20	105	47 - 150
Chlorobenzene	20	106	37 - 160
Ethylbenzene	20	109	37 - 162

NA - Not Added



A Full Service Environmental Laboratory

LABORATORY REPORT

Client:
 Mr. Mark Paprocki
 Seneca Army Depot
 DEH, Bldg. 123
 Romulus, NY 14541-5001

Job No: R92/05127

Date: 8 DEC., 1992

EPA METHOD 624	REFERENCE CHECK		ACCEPTANCE LIMITS (%)
	TRUE VALUE	% RECOVERY	
Date Analyzed: 12/04/92			
Acrylonitrile	100	128	50 - 150
Acrolein	100	65	18 - 185
Chloromethane	20	105	D - 273
Bromomethane	20	100	D - 242
Vinyl Chloride	20	141	D - 251
Chloroethane	20	122	14 - 230
Methylene Chloride	20	116	D - 221
Trichlorofluoromethane	20	87	17 - 181
1,1-Dichloroethene	20	120	D - 234
1,1-Dichloroethane	20	111	59 - 155
trans-1,2-Dichloroethene	20	119	54 - 156
cis-1,2-Dichloroethene	20	NA	54 - 156
Chloroform	20	113	51 - 138
1,2-Dichloroethane	20	111	49 - 155
1,1,1-Trichloroethane	20	104	52 - 162
Carbon Tetrachloride	20	105	70 - 140
Bromodichloromethane	20	107	35 - 155
1,2-Dichloropropane	20	115	D - 210
1,3-Dichloropropene-Trans	20	119	17 - 183
Trichloroethene	20	108	71 - 157
Dibromochloromethane	20	110	53 - 149
1,1,2-Trichloroethane	20	116	52 - 162
Benzene	20	116	37 - 151
1,3-Dichloropropene(Cis)	20	96	D - 227
2-Chloroethylvinyl Ether	20	NA	D - 305
Bromoform	20	110	45 - 169
Tetrachloroethene	20	111	64 - 148
1,1,2,2-Tetrachloroethane	20	127	46 - 157
Toluene	20	115	47 - 150
Chlorobenzene	20	113	37 - 160
Ethylbenzene	20	116	37 - 162

NA - Not Added

12

GTC REPORT # R92/5127

SECTION C

FIELD DOCUMENTATION

Presented in this section is all support documentation requested.

Documentation Provided:

- (X) Chain of Custody Forms
- () Analytical Request Forms
- () Shipping Receipts
- () Laboratory Receipt Log
- () Other:

GENERAL TESTING CORPORATION/CHAIN-OF-CUSTODY RECORD

710 Exchange Street 85 Trinity Place 435 Lawrence Bell Drive GTC Job No. 1292/5127
 Rochester, NY 14608 Hackensack, NJ 07601 Amherst, NY 14221-7077 Client Project No. _____

Sample Origination & Shipping Information

Collection Site SENECA ARMY DEPOT W1661A-2132-7001
 Address ROMULUS NY 14541-5001
 Collector Chris Cordes City State Zip
 Print Signature

Bottles Prepared by GTC Rec'd by RJU/25cc
 Bottles Shipped to Client via _____ Seal/Shipping # _____
 Samples Shipped via _____ Seal/Shipping # _____

Sample(s) Relinquished by:		Received by:		Date/Time
1. Sign <u>Chfild</u>	for <u>GTC</u>	1. Sign		<u>12/2/92</u>
		for		<u>15:30</u>
2. Sign		2. Sign		/ /
for		for		:
3. Sign		3. Sign		/ /
for		for		:

Sample(s) Received in Laboratory by B Bone 12/2/92 @ 15:30

Client I.D.# Lab#	Sample Location Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep				Bottle Set(s) (see below)
				Preserved		Filtered		
				Y	N	Y	N	
1 <u>1+QC</u> <u>R92/5127</u> <u>-001 BC</u>	<u>MW-30</u> <u>12/2/92 :11³⁵</u>	<u>W</u>	<u>VOAs by 624</u>	<u>X</u>				<u>1,4</u>
2 <u>2</u> <u>-002</u>	<u>MW-31</u> <u>12/2/92 :11⁴²</u>	<u>W</u>						
3 <u>3</u> <u>-003</u>	<u>PT-25</u> <u>12/2/92 :11⁵²</u>	<u>W</u>						
4 <u>4</u> <u>-004</u>	<u>PT-17</u> <u>12/2/92 :12⁰⁰</u>	<u>W</u>						
5 <u>5</u> <u>-005</u>	<u>MW-29</u> <u>12/2/92 :12⁰⁵</u>	<u>W</u>						

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	<u>2</u>			<u>1</u>							

Additional Analytes _____
LA

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.

* Source Codes: Monitoring Well (W), Soil (S), Treatment Plant (T), Drinking Water (D), Leachate (L), Hazardous Waste (H), River or Stream (R), Pond (P), Industrial Discharge (I), _____ (X), _____ (Y).

GENERAL TESTING CORPORATION/CHAIN-OF-CUSTODY RECORD

710 Exchange Street 85 Trinity Place 435 Lawrence Bell Drive GTC Job No. R92/5127
 Rochester, NY 14608 Hackensack, NJ 07601 Amherst, NY 14221-7077 Client Project No. _____

Sample Origination & Shipping Information

Collection Site SENECA ARMY DEPOT

Address _____

Collector Chris Cordes Street _____ City _____ State _____ Zip _____
 Print Signature

Bottles Prepared by ATC Rec'd by RJU/wce
 Bottles Shipped to Client via _____ Seal/Shipping # _____
 Samples Shipped via ↓ Seal/Shipping # _____

Sample(s) Relinquished by:		Received by:		Date/Time
1. Sign	<u>Cellal</u>	1. Sign		<u>12/2/92</u>
for	<u>ATC</u>	for		<u>15:30</u>
2. Sign		2. Sign		<u>1 / 1</u>
for		for		<u>:</u>
3. Sign		3. Sign		<u>1 / 1</u>
for		for		<u>:</u>

Sample(s) Received in Laboratory by B Brown 12/2/92 @ 15:30

	Client I.D.#	Sample Location	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep				Bottle Set(s) (see below)
	Lab#	Date/Time			Preserved	Filtered			
					Y	N	Y	N	
1	<u>6</u> <u>R92/5127</u> <u>-006</u>	<u>PT-24</u> <u>12/2/92 :12¹⁰</u>	<u>W</u>	<u>EPA 624</u>	<u>X</u>		<u>X</u>		<u>1, 4</u>
2	<u>7</u> <u>-007</u>	<u>MW-28</u> <u>12/2/92 :12¹⁵</u>	<u>W</u>						
3	<u>8</u> <u>-008</u>	<u>MW-27</u> <u>12/2/92 :12²³</u>	<u>W</u>						
4	<u>9</u> <u>-009</u>	<u>FARM HOUSE</u> <u>DEEP WELL</u> <u>12/2/92 :13³⁰</u>	<u>X</u>						
5	<u>10</u> <u>-010</u>	<u>FARM HOUSE</u> <u>SHALLOW WELL</u> <u>12/2/92 :13³⁵</u> <u>12/17/92</u>	<u>X</u>						

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	<u>2</u>			<u>1</u>							

Additional Analytes 15

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.
 * Source Codes: Monitoring Well (W), Soil (S), Treatment Plant (T), Drinking Water (D), Leachate (L), Hazardous Waste (H), River or Stream (R), Pond (P), Industrial Discharge (I), DW WELL (X), _____ (Y).

GENERAL TESTING CORPORATION/CHAIN-OF-CUSTODY RECORD

710 Exchange Street 85 Trinity Place 435 Lawrence Bell Drive GTC Job No. R92/5127
 Rochester, NY 14608 Hackensack, NJ 07601 Amherst, NY 14221-7077 Client Project No. _____

Sample Origination & Shipping Information

Collection Site SENECA ARMY DEPOT
 Address _____

Collector Chris Cordes Street _____ City _____ State _____ Zip _____
 Print _____ Signature [Signature]

Bottles Prepared by GTC Rec'd by WCC
 Bottles Shipped to Client via _____ Seal/Shipping # _____
 Samples Shipped via ↓ Seal/Shipping # _____

Sample(s) Relinquished by:	Received by:	Date/Time
1. Sign <u>[Signature]</u> for <u>GTC</u>	1. Sign	<u>12/2/92</u> <u>15:30</u>
2. Sign _____ for _____	2. Sign	<u>/ /</u>
3. Sign _____ for _____	3. Sign	<u>/ /</u>

Sample(s) Received in Laboratory by B Bower 12/2/92 @ 15:30

Client I.D.# Lab#	Sample Location Date/Time	*	Analyte or Analyte Group(s) Required (see below for additional)	Sample Prep				Bottle Set(s) (see below)
				Preserved Y N	Filtered Y N			
1 <u>R92/5127</u> <u>-011</u>	<u>FARM HOUSE</u> <u>CISTERN</u> <u>12/2/92 :13⁴⁵</u>	<u>X</u>	<u>EPA 624</u>	<u>X</u>		<u>X</u>	<u>1,4</u>	
2 <u>-012</u>	<u>PT-26</u> <u>12/2/92 :14¹⁰</u>	<u>W</u>	<u>↓</u>	<u>X</u>		<u>X</u>	<u>↓</u>	
3 <u>-013</u>	<u>T.B.</u> <u>12/2/92 :7⁰⁰</u>	<u>Y</u>	<u>↓</u>	<u>X</u>		<u>X</u>	<u>1</u>	
4	<u>/ / :</u>							
5	<u>/ / :</u>							

Use Bottle No. for indicating type bottles used in each bottle set and fill in box with # of bottles used for each type.

Bottle No.	1	2	3	4	5	6	7	8	9	10	11
Bottle Type	40 ml Vial	Pint Glass	Qt. Glass	4 oz. Plastic	8 oz. Plastic	16 oz. Plastic	Qt. Pl.	Gal. Pl.	Steril. Pl.		
# of each	<u>2</u>			<u>1</u>							

Additional Analytes _____
16

Shaded area for Lab use only; bottom copy for client; maximum of 5 samples per page.
 * Source Codes: Monitoring Well (W), Soil (S), Treatment Plant (T), Drinking Water (D), Leachate (L), Hazardous Waste (H), River or Stream (R), Pond (P), Industrial Discharge (I), CISTERN (X), DI (Y).

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number 292/5127
 Well I.D. MW-30 Lab Number 1+QC

PURGE INFORMATION

Purge Method FUGI PUMP
 Well Depth (ft) 10.39
 Static Water Level (ft) 4.81
 Depth of Water Column (gal/ft)x 5.58
 Well Constant (gal/ft)x 0.16
 Volume standing in well 0.9 gallons
 Start of Purge: Date 12/2/92 Time 10:10 End Purge 10:12
 Purge Observations GREY-TAN, TURBID
 Total Volume Purged 3 gallons # of Volume Casings Purged 3

HNU Meter Reading
 Well Head /
 Breathing Zone /

SAMPLING INFORMATION

Sample Method PVC BAILER
 Sample Date: 12/2/92 Time: 11:35 Sample Depth: 4.81 ft.
 Sample Appearance: GREY-TAN TINT, SLIGHTLY TURBID
 Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.78</u>	<u>7.74</u>
<u>COLE/PANNA</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>710</u>	<u>710</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>9.3</u>	<u>9.2</u>

Crew Members RTU, CC
 Meter Calibration: Date/Time 12/2/92 11:30 PH 7.05, 10.08
4.04
COND = 1410
 Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F LIGHT WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.
 Sampler (Print) Bob Urban
 Date: 12/2/92 Signature Bob Urban

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5127
Well I.D. MW-31 Lab Number 2

PURGE INFORMATION

Purge Method FOUL PUMP

Well Depth (ft) 10.36
Static Water Level (ft) 3.00
Depth of Water Column (gal/ft)x 7.36
Well Constant (gal/ft)x 0.16
Volume standing in well 1.2 gallons

HNU Meter Reading
Well Head /
Breathing Zone /

Start of Purge: Date 12/2/92 Time 10:25 End Purge 10:27

Purge Observations BROWN, TURBID

Total Volume Purged 2 gallons # of Volume Casings Purged 1.6 VOL DAY

SAMPLING INFORMATION

Sample Method PVC BAILER

Sample Date: 12/2/92 Time: 11:42 Sample Depth: 3.07 ft.

Sample Appearance: LIGHT GREY TINT

Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	pH	std	<u>7.78</u>	<u>7.79</u>
<u>COLEMAN</u>	Spec. Cond.	umhos/cm	<u>530</u>	<u>530</u>
<u>BECKMAN</u>	Temp	°Celsius	<u>8.9</u>	<u>8.8</u>

Crew Members RJU, CC

Meter Calibration: Date/Time 12/2/92 11:30

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F LIGHT WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN 14

Date: 12/2/92 Signature Bob Urban

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5127
 Well I.D. PT-25 Lab Number 3

PURGE INFORMATION

Purge Method FUGI PUMP

Well Depth (ft) 11.92
 Static Water Level (ft) 3.78
 Depth of Water Column (gal/ft)x 8.14
 Well Constant (gal/ft)x 0.16
 Volume standing in well 1.3 gallons

HNU Meter Reading
 Well Head /
 Breathing Zone /

Start of Purge: Date 12/2/92 Time 10:35 End Purge 10:38
 Purge Observations BROWN, TURBID
 Total Volume Purged 4 gallons # of Volume Casings Purged 3 VOL

SAMPLING INFORMATION

Sample Method PVC
~~TEFLON~~ BAILER

Sample Date: 12/2/92 Time: 11:52 Sample Depth: 3.78 ft.
 Sample Appearance: LIGHT TAN TINT
 Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.48</u>	<u>7.46</u>
<u>COLE/PARMEZ</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>565</u>	<u>570</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>8.7</u>	<u>8.7</u>

Crew Members RJC, CC

Meter Calibration: Date/Time 12/2/92 11:30

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F LIGHT WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/2/92 Signature Bob Urban ¹⁹

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5127
Well I.D. PT-17 Lab Number 4

PURGE INFORMATION

Purge Method FOG-1 PUMP
Well Depth (ft) 11.70
Static Water Level (ft) 4.51
Depth of Water Column (gal/ft)x 7.19
Well Constant (gal/ft)x 0.116
Volume standing in well 1.12 gallons
Start of Purge: Date 12/2/92 Time 10:43 End Purge 10:45
Purge Observations ONE - TRIT
Total Volume Purged 4 gallons # of Volume Casings Purged 3

HNU Meter Reading
Well Head _____
Breathing Zone _____

SAMPLING INFORMATION

Sample Method PVC BAILER
Sample Date: 12/2/92 Time: 12:00 Sample Depth: 4.52 ft.
Sample Appearance: CLEAR
Recharge Time _____ Recharge Rate _____

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.49</u>	<u>7.50</u>
<u>COLE/PARMLER</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>650</u>	<u>650</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>9.9</u>	<u>9.9</u>

Crew Members RJU, CC
Meter Calibration: Date/Time 12/2/92 11:30
Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F LIGHT WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.
Sampler (Print) BOB URBAN
Date: 12/2/92 Signature Bob Urban

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5127
 Well I.D. MW-29 Lab Number 5

PURGE INFORMATION

Purge Method FUGI PUMP
 Well Depth (ft) 10.40
 Static Water Level (ft) 5.96
 Depth of Water Column (gal/ft)x 4.44
 Well Constant (gal/ft)x 0.16
 Volume standing in well 0.7 gallons
 Start of Purge: Date 12/2/92 Time 10:53 End Purge 10:55
 Purge Observations GREY-BROWN, TURBID
 Total Volume Purged 2.3 gallons # of Volume Casings Purged 3 VOL

HNU Meter Reading
 Well Head _____
 Breathing Zone _____

SAMPLING INFORMATION

Sample Method POC BAILER
 Sample Date: 12/2/92 Time: 12:05 Sample Depth: 5.96 ft.
 Sample Appearance: GREY TINT
 Recharge Time _____ Recharge Rate _____

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Stnd.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>stnd</u>	<u>7.38</u>	<u>7.35</u>
<u>COLE/PALMER</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>665</u>	<u>660</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>9.7</u>	<u>9.7</u>

Crew Members RDU, CC
 Meter Calibration: Date/Time 12/2/92 11:30
 Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F LIGHT WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URSAN
 Date: 12/2/92 Signature Bob Ursan

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5127
 Well I.D. PT-24 Lab Number 6

PURGE INFORMATION

Purge Method FUGI PUMP

Well Depth (ft) 11.72
 Static Water Level (ft) 4.49
 Depth of Water Column (gal/ft)x 7.23
 Well Constant (gal/ft)x 0.16
 Volume standing in well 1.2 gallons

HNU Meter Reading
 Well Head _____
 Breathing Zone _____

Start of Purge: Date 12/2/92 Time 11:00 End Purge 11:02

Purge Observations GREY-BROWN, TURBID

Total Volume Purged 4 gallons # of Volume Casings Purged 3 VOL ~~PUR~~

SAMPLING INFORMATION

Sample Method PVC BAILER

Sample Date: 12/2/92 Time: 12:10 Sample Depth: 4.53 ft.

Sample Appearance: CLEAR

Recharge Time Recharge Rate

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.37</u>	<u>7.38</u>
<u>COLEPARMER</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>600</u>	<u>600</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>9.8</u>	<u>9.8</u>

Crew Members RJU, CC

Meter Calibration: Date/Time 12/2/92 11:30

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F LIGHT WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/2/92 Signature Bob Urban 22

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5127
 Well I.D. MW-28 Lab Number 7

PURGE INFORMATION

Purge Method FOGI PUMP

Well Depth (ft) 10.40
 Static Water Level (ft) 4.89
 Depth of Water Column (gal/ft)x 5.51
 Well Constant (gal/ft)x 0.16
 Volume standing in well 0.88 gallons

HNU Meter Reading /
 Well Head /
 Breathing Zone /

Start of Purge: Date 12/2/92 Time 11:07 End Purge 11:09
 Purge Observations GREY-BROWN, TURBID
 Total Volume Purged 3 gallons # of Volume Casings Purged 3002

SAMPLING INFORMATION

Sample Method PUC BAILEY

Sample Date: 12/2/92 Time: 12:15 Sample Depth: 4.92 ft.
 Sample Appearance: TAN TINT
 Recharge Time Recharge Rate

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Stnd.	Replicates	
			1	2
<u>BECKMAN</u>	pH	std	<u>7.27</u>	<u>7.25</u>
<u>COLE/PANMER</u>	Spec. Cond.	umhos/cm	<u>550</u>	<u>545</u>
<u>BECKMAN</u>	Temp	°Celsius	<u>9.4</u>	<u>9.2</u>

Crew Members RTU, CC

Meter Calibration: Date/Time 12/2/92 11:30

Weather 48 Hour History

FIELD OBSERVATIONS: Weather OULCAST 35°F LIGHT WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/2/92 Signature Bob Urban 23

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number 292/5127
 Well I.D. MW-27 Lab Number 8

PURGE INFORMATION

Purge Method FUGI PUMP

Well Depth (ft) 10.38
 Static Water Level (ft) 5.29
 Depth of Water Column (gal/ft)x 5.09
 Well Constant (gal/ft)x 0.16
 Volume standing in well 0.8 gallons

HNU Meter Reading /
 Well Head _____
 Breathing Zone _____

Start of Purge: Date 12/2/92 Time 11:15 End Purge 11:17

Purge Observations GREY - BROWN

Total Volume Purged 1.0 gallons # of Volume Casings Purged 1 VOL DRY

SAMPLING INFORMATION

Sample Method PVC BAILER

Sample Date: 12/2/92 Time: 12:23 Sample Depth: 6.13 ft.

Sample Appearance: GREY TINT

Recharge Time ✓ Recharge Rate ✓

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.39</u>	<u>7.40</u>
<u>COLE/PARMER</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>575</u>	<u>575</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>8.6</u>	<u>8.6</u>

Crew Members RJU, CC

Meter Calibration: Date/Time 12/2/92 11:30

Weather 48 Hour History ✓

FIELD OBSERVATIONS: Weather OVERCAST 35°F LIGHT WINDS
WELL LOCKED AND IN GOOD CONDITION

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/2/92 Signature Bob Urban 24

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENECA ARMY DEPOT Job Number R92/5127
 Well I.D. FARM HOUSE - DEEP WELL Lab Number 9

PURGE INFORMATION

Purge Method ✓
 Well Depth (ft) _____
 Static Water Level (ft) _____
 Depth of Water Column (gal/ft)x _____
 Well Constant (gal/ft)x _____
 Volume standing in well _____ gallons
 Start of Purge: Date / / Time : : End Purge : :
 Purge Observations _____
 Total Volume Purged _____ gallons # of Volume Casings Purged _____

SAMPLING INFORMATION

Sample Method GRAB
 Sample Date: 12/2/92 Time: 13:30 Sample Depth: _____ ft.
 Sample Appearance: LIGHT TANNING, ROTTEN EGG ODO
 Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>8.59</u>	<u>8.53</u>
<u>COLE/PARME</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>720</u>	<u>720</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>12.4</u>	<u>12.4</u>

Crew Members RJU, CC
 Meter Calibration: Date/Time 12/2/92 13:20 pH 7.04, 10.08, 4.09
COND = 1410
 Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 55°F LIGHT WINDS
SAMPLE TAKEN AFTER 2 MIN. OF PURGING OF LINE

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.
 Sampler (Print) BOB URBAN
 Date: 12/2/92 Signature Bob Urban

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENNEZA ARMY DEPOT Job Number R92/5127
 Well I.D. FARM HOUSE - SHALLOW WELL Lab Number 10

PURGE INFORMATION

Purge Method /

Well Depth (ft) _____

Static Water Level (ft) _____

Depth of Water Column (gal/ft)x _____

Well Constant (gal/ft)x _____

Volume standing in well _____ gallons

Start of Purge: Date _____ / _____ / _____ Time _____ : _____ End Purge _____ : _____

Purge Observations _____

Total Volume Purged _____ gallons # of Volume Casings Purged _____

HNU Meter Reading

Well Head /

Breathing Zone _____

SAMPLING INFORMATION

Sample Method GNAB

Sample Date: 12/2/92 Time: 13:35 Sample Depth: _____ ft.

Sample Appearance: CLEAR

Recharge Time / Recharge Rate /

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.57</u>	<u>7.56</u>
<u>COLE/PARKER</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>750</u>	<u>750</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>12.8</u>	<u>12.8</u>

Crew Members RJU, CC

Meter Calibration: Date/Time 12/2/92 13:20

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F LIGHT WINDS

SAMPLE TAKEN AFTER PURGING LINE 2 MIN

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/2/92 Signature Bob Urban 26

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SENeca Army Depot Job Number 292/5127
 Well I.D. CISTERN Lab Number 11

PURGE INFORMATION

Purge Method ✓
 Well Depth (ft) _____
 Static Water Level (ft) _____
 Depth of Water Column (gal/ft)x _____
 Well Constant (gal/ft)x _____
 Volume standing in well _____ gallons
 Start of Purge: Date _____ Time _____ : _____ End Purge _____ : _____
 Purge Observations _____
 Total Volume Purged _____ gallons # of Volume Casings Purged _____

SAMPLING INFORMATION

Sample Method STAINLESS STEEL DAILEY
 Sample Date: 12/2/92 Time: 13:45 Sample Depth: _____ ft.
 Sample Appearance: CLEAR
 Recharge Time _____ Recharge Rate _____

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Std.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>std</u>	<u>7.63</u>	<u>7.65</u>
<u>COLE/PARSONS</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>700</u>	<u>700</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>8.9</u>	<u>8.9</u>

Crew Members RJU, CC
 Meter Calibration: Date/Time 12/2/92 13:20
 Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F LIGHT WINDS

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN
 Date: 12/2/92 Signature Bob Urban *[Signature]*

**GENERAL TESTING CORPORATION
GROUNDWATER MONITORING FIELD FORM**

Site Location SCENEA ARMY DEPOT Job Number R92/5127
Well I.D. PT-26 Lab Number 12

PURGE INFORMATION

Purge Method FOG PUMP
Well Depth (ft) 13.95
Static Water Level (ft) 3.92
Depth of Water Column (gal/ft)x 10.03
Well Constant (gal/ft)x 0.16
Volume standing in well 1.6 gallons
Start of Purge: Date 12/2/92 Time 13:55 End Purge 13:58
Purge Observations GREY/BROWN, HIGHLY TURBID
Total Volume Purged 2 gallons # of Volume Casings Purged 1.25 TO DRY

HNU Meter Reading
Well Head _____
Breathing Zone _____

SAMPLING INFORMATION

Sample Method PVC BAILER
Sample Date: 12/2/92 Time: 14:10 Sample Depth: 5.55 ft.
Sample Appearance: GREY/BROWN, HIGHLY TURBID
Recharge Time — Recharge Rate —

FIELD MEASUREMENTS

Meter Number	Parameter	Unit Stnd.	Replicates	
			1	2
<u>BECKMAN</u>	<u>pH</u>	<u>stnd</u>	<u>7.63</u>	<u>7.60</u>
<u>COLE/PANNA</u>	<u>Spec. Cond.</u>	<u>umhos/cm</u>	<u>740</u>	<u>750</u>
<u>BECKMAN</u>	<u>Temp</u>	<u>°Celsius</u>	<u>10.3</u>	<u>10.2</u>

Crew Members RJU, CC

Meter Calibration: Date/Time 12/2/92 11:30

Weather 48 Hour History _____

FIELD OBSERVATIONS: Weather OVERCAST 35°F LIGHT WINDS

I certify that sampling procedures were in accordance with all applicable EPA, state and corporate protocols.

Sampler (Print) BOB URBAN

Date: 12/2/92 Signature Bob Urban 28



April 16, 1992

Mark Paprocki
Seneca Army Depot
Building 123
Romulus, New York 14541

Re: Demo Grounds - Ground Water Monitoring

Dear Mr. Paprocki:

Attached is the laboratory report for groundwater analysis performed on seventeen (17) monitoring well samples taken by Bernie Cahill at the Demo Grounds on your facility April 1, 1992.

All analyses were performed by methods outlined in "Methods for Chemical Analysis of Water and Wastes", USEPA 600/4-79-020, and "Standard Methods for the Examination of Water and Wastewater", 16th edition.

It has been our pleasure to perform environmental analysis for the Seneca Army Depot.

Please call if you require additional information or have any questions.

Sincerely,

Dennis M. Ciehowski
Laboratory Coordinator

DMC:sla
Enclosure



**SENECA ARMY DEPOT
DEMO GROUNDS
GROUND WATER MONITORING
APRIL 1992**

<u>ANALYTE</u>	<u>ANALYSIS METHOD</u>	<u>ANALYSIS DATE</u>	<u>ANALYSIS PERFORMED BY</u>
pH	EPA 150.1	4/01/92 *	BMC
Temperature	EPA 170.1	4/01/92 *	BMC
Specific Conductance	SM 16th ed. 205	4/01/92 *	BMC
Static Water Level	Field Method	4/01/92 *	BMC
Total Phenols	EPA 420.1	4/14/92	DMC
Sulfate	SM 16th ed. 426C	4/02/92	BHB
Chlorides	EPA 420.1	4/02/92	KRS
Sol. Iron (2)	EPA 236.1	4/08/92	JV
Sol. Manganese (2)	EPA 243.1	4/06/92	JV
Sol. Sodium (2)	EPA 273.1	4/08/92	JV
TOC	EPA 415.1	4/10/92	NYS LAB 10067
TOX	EPA 450.1	4/06-08/92	NYS LAB 10486
Explosives (1)	_____	_____	Weston

(1) Analysis results to be provided directly by Weston Analytical Laboratories.

(2) Metals are filtered through 0.45 um membrane filter prior to analysis.

* Field Measurement



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CLIENT:	SENECA ARMY DEPOT	DATE REC'D	:	04/01/92
	BUILDING 123	LABORATORY NO.	:	92041511
	ROMULUS, NEW YORK 14541	REPORT DATE	:	04/16/92
ATTN :	MARK PAPROCKI	RE :	GROUNDWATER MONITORING	

SAMPLE INFORMATION

SAMPLE DATE	:	04/01/92	LOCATION	:	DEMO GROUNDS
SAMPLE TIME	:	8:10-11:35 AM	TYPE OF SAMPLE	:	GROUNDWATER
NUMBER OF SAMPLES	:	18	SAMPLER	:	B. CAHILL

LABORATORY REPORT

PARAMETER	MW #7	MW #16	MW #15	UNITS	METHOD NUMBER	DATE ANALYZED
pH	7.3	7.3	7.1	S.U.	EPA 150.1	04/01
TEMPERATURE	3 C	3 C	3 C	Degrees C	EPA 170.1	04/01
SPECIFIC CONDUCTIVITY	449	712	1,415	umhos/cm	SM 16th Ed 205	04/01
STATIC WATER LEVEL	2.80'	1.90'	2.00'	Feet		
TOTAL PHENOLS	0.004	0.002	0.005	mg/l	EPA 420.1	04/14
SULFATE	32.8	179	415	mg/l	SM 16th Ed 426 C	04/02
CHLORIDE	8.86	5.32	17.7	mg/l	EPA 325.3	04/02
IRON	0.29	<0.05	<0.05	mg/l	EPA 236.1	04/08
MANGANESE	0.04	<0.01	<0.01	mg/l	EPA 243.1	04/06

NYSDOH LAB ID # 10390


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PAGE 2

LABORATORY REPORT

PARAMETER	MW #7	MW #16	MW #15	UNITS	METHOD NUMBER	DATE ANALYZED
SODIUM	7.7	3.8	23.9	mg/l	EPA 273.1	04/08
TOC *	8.0	6.6	7.3	mg/l	EPA 415.1	
TOX **	12	17	23	ug/l	EPA 450.1	

* Analysis performed by NYS Certified Lab No. 10067

** Analysis performed by NYS Certified Lab No. 10486

Explosives analyses being performed and reported directly by Weston Analytical Laboratories.

NYSDOH LAB ID # 10390


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LABORATORY REPORT

PARAMETER	MW #14	MW #13	MW #1	UNITS	METHOD NUMBER	DATE ANALYZED
pH	7.2	7.1	7.2	S.U.	EPA 150.1	04/01
TEMPERATURE	3 C	3 C	4 C	Degrees C	EPA 170.1	04/01
SPECIFIC CONDUCTIVITY	1,079	890	773	umhos/cm	SM 16th Ed 205	04/01
STATIC WATER LEVEL	2.76'	2.33'	6.14	Feet		
TOTAL PHENOLS	<0.001	<0.001	<0.001	mg/l	EPA 420.1	04/14
SULFATE	228	212	217	mg/l	SM 16th Ed 426C	04/02
CHLORIDE	26.6	16.0	8.86	mg/l	EPA 325.3	04/02
IRON	<0.05	<0.05	0.26	mg/l	EPA 236.1	04/08
MANGANESE	<0.01	<0.01	<0.01	mg/l	EPA 243.1	04/06
SODIUM	32.8	20.0	17.6	mg/l	EPA 273.1	04/08
TOC *	5.6	4.1	3.8	mg/l	EPA 415.1	
TOX **	8.6	9.3	<5.0	ug/l	EPA 450.1	

* Analysis performed by NYS Certified Lab No. 10067

** Analysis performed by NYS Certified Lab No. 10486

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LABORATORY REPORT


PARAMETER	MW #9	MW #8	MW #5	UNITS	METHOD NUMBER	DATE ANALYZED
pH	7.1	7.0	7.7	S.U.	EPA 150.1	04/01
TEMPERATURE	3 C	4 C	3 C	Degrees C	EPA 170.1	04/01
SPECIFIC CONDUCTIVITY	905	1,710	552	umhos/cm	SM 16th Ed 205	04/01
STATIC WATER LEVEL	1.43	2.63	3.90	Feet		
TOTAL PHENOLS	<0.001	0.001	0.005	mg/l	EPA 420.1	04/14
SULFATE	273	710	86.0	mg/l	SM 16th Ed 426C	04/02
CHLORIDE	10.6	23.0	10.6	mg/l	EPA 325.3	04/02
IRON	0.09	0.09	0.09	mg/l	EPA 236.1	04/08
MANGANESE	0.05	<0.01	<0.01	mg/l	EPA 243.1	04/06
SODIUM	12.2	16.5	17.6	mg/l	EPA 273.1	04/08
TOC *	6.0	6.6	3.3	mg/l	EPA 415.1	
TOX **	<5.0	<5.0	8.2	ug/l	EPA 450.1	

* Analysis performed by NYS Certified Lab No. 10067

** Analysis performed by NYS Certified Lab No. 10486

Explosives analyses being performed and reported directly by Weston Analytical Laboratories.

NYSDOH LAB ID # 10390


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SENECA ARMY DEPOT / LAB # 92041511

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LABORATORY REPORT

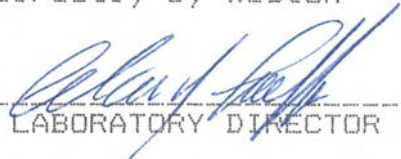
PARAMETER	MW #10	MW #11	MW #17	UNITS	METHOD NUMBER	DATE ANALYZED
pH	7.4	7.1	7.3	S.U.	EPA 150.1	04/01
TEMPERATURE	4 C	4 C	4 C	Degrees C	EPA 170.1	04/01
SPECIFIC CONDUCTIVITY	824	880	521	umhos/cm	SM 16th Ed 205	04/01
STATIC WATER LEVEL	2.01	2.32	1.36	Feet		
TOTAL PHENOLS	0.002	0.007	0.004	mg/l	EPA 420.1	04/14
SULFATE	213	163	59.0	mg/l	SM 16th Ed 426C	04/02
CHLORIDE	16.0	12.4	8.86	mg/l	EPA 325.3	04/02
IRON	0.08	<0.05	<0.05	mg/l	EPA 236.1	04/08
MANGANESE	0.01	<0.01	<0.01	mg/l	EPA 243.1	04/06
SODIUM	12.0	14.2	4.8	mg/l	EPA 273.1	04/08
TOC *	4.0	3.8	7.6	mg/l	EPA 415.1	
TOX **	<5.0	5.9	6.4	ug/l	EPA 450.1	

* Analysis performed by NYS Certified Lab No. 10067

** Analysis performed by NYS Certified Lab No. 10486

Explosives analyses being performed and reported directly by Weston Analytical Laboratories.

NYSDOH LAB ID # 10390


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SENECA ARMY DEPOT / LAB # 92041511

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LABORATORY REPORT

PARAMETER	MW #6	MW #12	MW #4	UNITS	METHOD NUMBER	DATE ANALYZED
pH	7.4	7.4	7.3	S.U.	EPA 150.1	04/01
TEMPERATURE	4 C	4 C	4 C	Degrees C	EPA 170.1	04/01
SPECIFIC CONDUCTIVITY	547	755	600	umhos/cm	SM 16th Ed 205	04/01
STATIC WATER LEVEL	3.00	2.00	6.24	Feet		
TOTAL PHENDLS	0.002	0.004	0.006	mg/l	EPA 420.1	04/14
SULFATE	71.0	79.7	92.8	mg/l	SM 16th Ed 426C	04/02
CHLORIDE	8.86	12.4	10.6	mg/l	EPA 325.3	04/02
IRON	0.08	<0.05	0.11	mg/l	EPA 236.1	04/08
MANGANESE	<0.01	<0.01	0.02	mg/l	EPA 243.1	04/06
SODIUM	21.0	16.3	17.6	mg/l	EPA 273.1	04/08
TOC *	7.3	4.3	7.7	mg/l	EPA 415.1	
TOX **	15.	14.	21.	ug/l	EPA 450.1	

* Analysis performed by NYS Certified Lab No. 10067

** Analysis performed by NYS Certified Lab No. 10486

Explosives analyses being performed and reported directly by Weston Analytical Laboratories.

NYSDOH LAB ID # 10390

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LABORATORY REPORT

PARAMETER	MW #3	MW #2	MW #1B <i>BLIND DUPLICATE</i>	UNITS	METHOD NUMBER	DATE ANALYZED
pH	7.1	7.6	7.3	S.U.	EPA 150.1	04/01
TEMPERATURE	4 C	3 C	3 C	Degrees C	EPA 170.1	04/01
SPECIFIC CONDUCTIVITY	674	461	700	umhos/cm	SM 16th Ed 205	04/01
STATIC WATER LEVEL	6.37	5.42	-	Feet		
TOTAL PHENOLS	0.005	0.004	0.003	mg/l	EPA 420.1	04/14
SULFATE	168	54.0	176	mg/l	SM 16th Ed 426C	04/02
CHLORIDE	8.86	7.09	7.09	mg/l	EPA 325.3	04/02
IRON	0.07	0.19	<0.0	mg/l	EPA 236.1	04/08
MANGANESE	<0.01	0.01	0.02	mg/l	EPA 243.1	04/06
SODIUM	5.9	21.3	7.0	mg/l	EPA 273.1	04/08
TOC *	4.0	<3.0	-	mg/l	EPA 415.1	
TOX **	21.	13.	-	ug/l	EPA 450.1	

* Analysis performed by NYS Certified Lab No. 10067

** Analysis performed by NYS Certified Lab No. 10486

Explosives analyses being performed and reported directly by Weston Analytical Laboratories.

NYSDOH LAB ID # 10390


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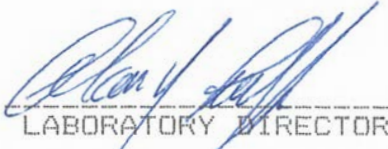
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PAGE 8

LABORATORY REPORT

PARAMETER	MW #7 DUPLICATE	UNITS	METHOD NUMBER	DATE ANALYZED
pH	7.2	S.U.	EPA 150.1	04/01
TEMPERATURE	3 C	Degrees C	EPA 170.1	04/01
SPECIFIC CONDUCTIVITY	440	umhos/cm	SM 16th Ed 205	04/01
STATIC WATER LEVEL	-	Feet		
TOTAL PHENOLS	0.004	mg/l	EPA 420.1	04/14
SULFATE	31.7	mg/l	SM 16th Ed 426C	04/02
CHLORIDE	7.09	mg/l	EPA 325.3	04/02
IRON	<0.05	mg/l	EPA 236.1	04/08
MANGANESE	0.02	mg/l	EPA 243.1	04/06
SODIUM	6.2	mg/l	EPA 273.1	04/08


LABORATORY DIRECTOR

LOZIER LABORATORIES

CHAIN OF CUSTODY RECORD

ATTN: M. Paprocki

Client Name: SEAD

Mailing Address: _____

10FZ

Project Name: DEMO Grounds
Ground H2O Level Testing

SAMPLE NUMBER	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSES							NUMBER OF CONTAINERS	SPEC. COND.	STATIC HEAD/REMARK T.O.C.	
					PH	TEMP °C	EXPLOSIVES	TOX	TRIPNALS	TOC	SULFIDE CHLORIDES				PERMANENT
a	4/1/92	8:15 AM	MW#7	Ground H2O	7.3	3°	X	X	X	X	X	X	7	449	2.80'
b	↓	8:25 AM	MW#16	↓	7.3	3°	↓	↓	↓	↓	↓	↓	↓	712	1.90'
c		8:40 AM	MW#15		7.1	3°								1415	2.00'
d		8:50 AM	MW#14		7.2	3°								1019	2.76'
e		9:00 AM	MW#13		7.1	3°								890	2.33'
f		9:15 AM	MW#1		7.2	4°								773	6.14'
g		9:30 AM	MW#9		7.1	3°								905	1.43'
h		9:31 AM	MW#8		7.0	4°								1710	2.63'
i		9:50 AM	MW#5		7.7	3°								552	3.90
j		10:00 AM	MW#10		7.4	4°								824	2.01'
k		10:20 AM	MW#11		7.1	4°								880	2.32

SAMPLED BY: Benedict M. Cahill
SIGN _____

RELINQUISHED BY:	1	<u>Benedict M. Cahill</u> SIGN _____ DATE <u>4-1-92</u> TIME <u>3:30pm</u>	2	SIGN _____ DATE _____ TIME _____	3	SIGN _____ DATE _____ TIME _____	4	SIGN _____ DATE _____ TIME _____
	RECEIVED BY:	1	SIGN _____ DATE _____ TIME _____	2	SIGN _____ DATE _____ TIME _____	3	SIGN _____ DATE _____ TIME _____	4

METHOD OF SHIPMENT: _____
SIGN _____

RECEIVED FOR LABORATORY BY: R. Johnson
SIGN _____ DATE 4/1/92 TIME 3:30pm

LOZIER LABORATORIES

CHAIN OF CUSTODY RECORD

ATTN: M. Koprak

Client Name: SEAD

Mailing Address: _____

2 OF 2

Project Name: Demo Grounds Ground H₂O Monitoring

SAMPLE NUMBER	DATE	TIME	LOCATION	SAMPLE TYPE	PH	TEMP	EXPLOSIVES	TOX	FIPRIDS	TOX	ANALYSIS	NUMBER OF CONTAINERS	SPEC. COND	SPATIAL H ₂ O LEVEL REMARK	
															CHLORIDE
L	4/1/92	10 ⁴⁵ AM	MW#17	Ground H ₂ O	7.3	4°	X	X	X	X	X	7	521	1.36'	
M	↓	10 ³⁵ AM	MW#6	↓	7.4	4°							547	3.00'	
N		10 ⁵⁷ AM	MW#12		7.4	4°								755	2.00'
O		11 ¹⁵ AM	MW#4		7.3	4°								600	6.24
P		11 ³² AM	MW#3		7.1	4°								600 674	6.37
Q		11 ⁴⁵ AM	MW#2		7.6	3°	Y	Y		+				461	5.42
R	↓	8 ²⁵ AM	BP-18	↓	7.3	3°		X	X	X	X	3	700		
S		8 ⁴⁵ AM	MW#7 Duplicate		7.2	3°		↓	↓	↓			3	440	

SAMPLED BY: Bernard M. Cahill
SIGN _____

RELINQUISHED BY:	1 <u>Bernard M. Cahill</u> SIGN _____ DATE <u>4-1-92</u> TIME <u>3:30 pm</u>	2 SIGN _____ DATE _____ TIME _____	3 SIGN _____ DATE _____ TIME _____	4 SIGN _____ DATE _____ TIME _____
	RECEIVED BY:	1 SIGN _____ DATE _____ TIME _____	2 SIGN _____ DATE _____ TIME _____	3 SIGN _____ DATE _____ TIME _____

METHOD OF SHIPMENT: _____

RECEIVED FOR LABORATORY BY: Ruth Jubian SIGN _____ DATE 4/1/92 TIME 3:30 pm



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Client: SENECA ARMY DEPOT
DEH - BUILDING 123
ROMULUS, NY 14541-5001

Date: 10/14/1992

Job No: 92.16296

Attention: MR. MARK PAPROCKI

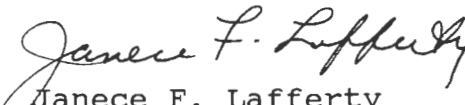
Purchase Order No: DAAC72-91-V-2
Account Number: 82680

Project: SEMI-ANNUAL LANDFILL

Subject: Samples received on 09/24/1992, identified as MW-27 through
MW-33. TOX analyzed by NET-Gulfport.

Project Manager: Bindy Dain

NET - SYRACUSE


Janece F. Lafferty
Technical Director

NET warrants that any sampling and analysis conducted as part of this report are performed in accordance with the analytical industries recognized methodologies and professional standards. NET will not assume liability for any damages resulting from deficient work other than reperformance or cost of said work and will not accept any liability as a result of data interpretation by the client.





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16296

SAMPLE NO: 46856

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-27

Time Collected: 12:42

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	27.9	mg/L	10/06/1992
Conductivity		700.	umhos/cm	10/02/1992
Nitrate	AQ	0.048	mg/L N	10/05/1992
pH		7.4	pH units	09/25/1992
Sulfate		58.5	mg/L	09/30/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.084	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	7.40	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.006	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	3.91	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	19.8	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





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Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16296

SAMPLE NO: 46856

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-27

Time Collected: 12:42

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	<1.0	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46856

JOB NO. 92.16296

SOURCE	
CLIENT <u>Seneca Army Depot</u>	WELL NO. <u>MW-27</u>
LOCATION <u>LF</u>	WELL TYPE/SIZE <u>2" PVC</u>

EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>10.5'</u>		TIME		<u>12:57</u>
DEPTH TO WATER <u>4.34'</u>		pH		<u>7</u>
WELL VOLUME <u>.99g</u>		TEMP.		<u>16°C</u>
METHOD <u>bailed</u>		DEPTH	<u>4.34'</u>	
NO. OF VOLUMES <u>1.5</u>		COLOR	<u>Lt. Br.</u>	<u>Lt. Br.</u>
TOTAL VOLUME <u>1.5g - Dry</u>		APPEAR	<u>Med Turb</u>	<u>High Turb</u>

SAMPLING	DATE <u>9-23-92</u>	pH <u>7.35</u>
TIME <u>12:42</u>	TEMP. <u>16°C</u>	
METHOD <u>bailed</u>	COLOR <u>Lt. Brown</u>	
CONTAINER <u>1/2g, 250, pint, 2 qrts, 2 vials</u>	TURB <u>High</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>219.5</u>	COND <u>760</u>

PRESERVATION	DATE <u>9-23-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER _____	

CUSTODY	
SAMPLERS SIGNATURE <u>Brian R. Miller</u>	
TRANSFERED TO #1	
RECEIVED BY <u>Christine Miguel</u>	DATE <u>9-24-92</u> TIME <u>08:30</u>
#2	
RECEIVED BY _____	DATE _____ TIME _____

FIELD NOTES:	



Job No: 92.16296

SAMPLE NO: 46857

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-28

Time Collected: 12:54

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	14.5	mg/L	10/06/1992
Conductivity		648.	umhos/cm	10/02/1992
Nitrate	AQ	0.657	mg/L N	10/05/1992
pH		7.1	pH units	09/25/1992
Sulfate		32.9	mg/L	09/30/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		0.05	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.079	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	10.1	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.005	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	2.37	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	9.41	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16296

SAMPLE NO: 46857

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-28

Time Collected: 12:54

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	38.6	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46857 JOB NO. 92.16296

SOURCE		WELL NO. <u>MW-28</u>
CLIENT <u>Seneca Army Depot</u>		WELL TYPE/SIZE <u>2" PVC</u>
LOCATION <u>LF</u>		

EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>10.5'</u>		TIME		<u>13:08</u>
DEPTH TO WATER <u>3.68'</u>		pH		<u>7</u>
WELL VOLUME <u>1.09g.</u>		TEMP.		<u>16°c</u>
METHOD <u>bailed</u>		DEPTH	<u>3.68'</u>	
NO. OF VOLUMES <u>3</u>		COLOR	<u>Lt. Br.</u>	<u>Lt. Br.</u>
TOTAL VOLUME <u>3.5g.</u>		APPEAR	<u>Med Turb</u>	<u>High Turb</u>

SAMPLING	DATE <u>9-23-92</u>	pH <u>7.37</u>
TIME <u>12:54</u>		TEMP. <u>16°c</u>
METHOD <u>bailed</u>		COLOR <u>Lt. Brown</u>
CONTAINER <u>1/2g, 250, pint, 2qts, 2viak</u>		TURB <u>High</u>
SAMPLED BY <u>BRM</u>		REDOX <u>223.5</u> COND <u>745</u>

PRESERVATION	DATE <u>9-23-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER _____	

CUSTODY	
SAMPLERS SIGNATURE <u>Brian R. Miller</u>	
TRANSFERED TO #1	
RECIEVED BY <u>Christine Triguera</u>	DATE <u>9-24-92</u> TIME <u>08:30</u>
RECIEVED BY #2 _____	DATE _____ TIME _____

FIELD NOTES: _____



NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16296

SAMPLE NO: 46858

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-29

Time Collected: 13:15

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	19.3	mg/L	10/06/1992
Conductivity		762.	umhos/cm	10/02/1992
Nitrate	AQ	0.098	mg/L N	10/05/1992
pH		7.1	pH units	09/25/1992
Sulfate		69.4	mg/L	09/30/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		0.04	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.280	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	0.070	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	81.0	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.026	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	8.32	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005 *	mg/L	10/09/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	19.7	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992

*poor spike recovery due to matrix interference.





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16296

SAMPLE NO: 46858

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-29

Time Collected: 13:15

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	1.7	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	2.0	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057

(315) 446-8795

LAB SAMPLE LOG NO. 46858

JOB NO. 92.16296

SOURCE				
CLIENT	<u>Seneca Army Depot</u>	WELL NO.	<u>MW-29</u>	
LOCATION	<u>LF</u>	WELL TYPE/SIZE	<u>2" PVC</u>	
EVACUATION	DATE	ITEM	START	FINISH
	<u>9-22-92</u>			
WELL DEPTH	<u>10.5'</u>	TIME		<u>13:24</u>
DEPTH TO WATER	<u>5.43'</u>	pH		<u>7</u>
WELL VOLUME	<u>81g</u>	TEMP.		<u>16°C</u>
METHOD	<u>bailed</u>	DEPTH	<u>5.43'</u>	
NO. OF VOLUMES	<u>3</u>	COLOR	<u>Dk. Br.</u>	<u>Dk. Br.</u>
TOTAL VOLUME	<u>2.5g</u>	APPEAR	<u>Med Turb</u>	<u>High Turb</u>

SAMPLING	DATE	pH		
	<u>9-23-92</u>	<u>7.23</u>		
TIME	<u>13:15</u>	TEMP.	<u>16°C</u>	
METHOD	<u>bailed</u>	COLOR	<u>Dk. Brown</u>	
CONTAINER	<u>1/2g, 250, pint, 2 qts, 2 vials</u>	TURB	<u>High</u>	
SAMPLED BY	<u>BRM</u>	REDOX	<u>229.7</u>	COND <u>855</u>

PRESERVATION	DATE			
	<u>9-23-92</u>			
FILTERED YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	TIME
PRESERVED YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	TIME
PRESERVATIVE	<input checked="" type="checkbox"/> H ₂ SO ₄	<input checked="" type="checkbox"/> HNO ₃	<input type="checkbox"/> NaOH	<input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄
	<input checked="" type="checkbox"/> HCL	<input type="checkbox"/> SOD. THIO.	<input type="checkbox"/>	Zn(C ₂ H ₃ O ₂)
	<input checked="" type="checkbox"/> COOLED TO 4 C	<input type="checkbox"/>	OTHER	

CUSTODY				
SAMPLERS SIGNATURE	<u>Brian R. Mihler</u>			
TRANSFERED TO #1	RECIEVED BY	DATE	TIME	
	<u>Christine Inguel</u>	<u>9-24-92</u>	<u>08:30</u>	
	RECIEVED BY	DATE	TIME	

FIELD NOTES:	
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NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16296

SAMPLE NO: 46859

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-30

Time Collected: 13:25

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	36.6	mg/L	10/06/1992
Conductivity		769.	umhos/cm	10/02/1992
Nitrate	AQ	0.156	mg/L N	10/05/1992
pH		7.1	pH units	09/25/1992
Sulfate		66.8	mg/L	09/30/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.110	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	20.0	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.011	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	4.95	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/09/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	26.6	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16296

SAMPLE NO: 46859

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-30

Time Collected: 13:25

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	1.5	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46859 JOB NO. 92.16296

SOURCE				
CLIENT <u>Seneca Army Depot</u>		WELL NO. <u>MW-30</u>		
LOCATION <u>LF</u>		WELL TYPE/SIZE <u>2" PVC</u>		
EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>10.5'</u>		TIME		<u>13:35</u>
DEPTH TO WATER <u>4.73'</u>		pH		<u>7</u>
WELL VOLUME <u>92g.</u>		TEMP.		<u>17°C</u>
METHOD <u>bailed</u>		DEPTH	<u>4.73'</u>	
NO. OF VOLUMES <u>3</u>		COLOR	<u>Lt. Br.</u>	<u>Lt. Br.</u>
TOTAL VOLUME <u>3g.</u>		APPEAR	<u>med Turb</u>	<u>High Turb</u>

SAMPLING	DATE <u>9-23-92</u>	pH <u>7.26</u>
TIME <u>13:25</u>	TEMP. <u>17°C</u>	
METHOD <u>bailed</u>	COLOR <u>Lt. Brown</u>	
CONTAINER <u>1/2g, 250, pint, 2qrts, 2viab</u>	TURB <u>High</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>225.4</u>	COND <u>850</u>

PRESERVATION	DATE <u>9-23-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER _____	

CUSTODY		
SAMPLERS SIGNATURE	<u>Brian R. Mahler</u>	
TRANSFERED TO #1	RECEIVED BY <u>Christine Miguel</u>	DATE <u>9-24-92</u> TIME <u>08:30</u>
	RECEIVED BY #2 _____	DATE _____ TIME _____

FIELD NOTES:	
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Job No: 92.16296

SAMPLE NO: 46860

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-31

Time Collected: 12:19

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	19.3	mg/L	10/06/1992
Conductivity		579.	umhos/cm	10/02/1992
Nitrate	AQ	0.287	mg/L N	10/05/1992
pH		7.2	pH units	09/25/1992
Sulfate		35.7	mg/L	10/13/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.182	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	0.050	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	52.9	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.017	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	5.97	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/09/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	7.86	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/03/1992
Bromodichloromethane		<1.0	ug/L	10/03/1992
Bromoform		<1.0	ug/L	10/03/1992
Bromomethane		<1.0	ug/L	10/03/1992
Carbon Tetrachloride		<1.0	ug/L	10/03/1992
Chlorobenzene		<1.0	ug/L	10/03/1992
Chloroethane		<1.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/03/1992
Chloroform		<1.0	ug/L	10/03/1992
Chloromethane		<1.0	ug/L	10/03/1992
Dibromochloromethane		<1.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/03/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16296

SAMPLE NO: 46860

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-31

Time Collected: 12:19

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/03/1992
1,2-Dichloroethane	<1.0	ug/L	10/03/1992
1,1-Dichloroethene	<1.0	ug/L	10/03/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/03/1992
1,2-Dichloropropane	<1.0	ug/L	10/03/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
Ethylbenzene	<1.0	ug/L	10/03/1992
Methylene Chloride	<1.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/03/1992
Tetrachloroethene	<1.0	ug/L	10/03/1992
Toluene	<1.0	ug/L	10/03/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/03/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/03/1992
Trichloroethene	<1.0	ug/L	10/03/1992
Trichlorofluoromethane	<1.0	ug/L	10/03/1992
Vinyl Chloride	<1.0	ug/L	10/03/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46860

JOB NO. 92-16296

SOURCE				
CLIENT <u>Seneca Army Depot</u>		WELL NO. <u>MW-31</u>		
LOCATION <u>LF</u>		WELL TYPE/SIZE <u>2" PVC</u>		
EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>10.5'</u>		TIME		<u>12:41</u>
DEPTH TO WATER <u>3.34'</u>		pH		<u>7</u>
WELL VOLUME <u>1.15g.</u>		TEMP.		<u>16°c</u>
METHOD <u>bailed</u>		DEPTH	<u>3.34'</u>	
NO. OF VOLUMES <u>3</u>		COLOR	<u>DK. Br.</u>	<u>DK. Br.</u>
TOTAL VOLUME <u>3.5g</u>		APPEAR	<u>Med Turb</u>	<u>Highturb</u>

SAMPLING	DATE <u>9-23-92</u>	pH <u>7.40</u>
TIME <u>12:19</u>	TEMP. <u>16°c</u>	
METHOD <u>bailed</u>	COLOR <u>DK. Brown</u>	
CONTAINER <u>1/2 gal 50, pint, 2 qts, 2 vials</u>	TURB <u>High</u>	
SAMPLED BY <u>ARM</u>	REDOX <u>221.3</u>	COND <u>630</u>

PRESERVATION	DATE <u>9-23-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER _____	

CUSTODY	
SAMPLERS SIGNATURE <u>Brian R. Miller</u>	
TRANSFERED TO #1	
RECEIVED BY <u>Christine Miguel</u>	DATE <u>9-24-92</u> TIME <u>08:30</u>
#2	
RECEIVED BY _____	DATE _____ TIME _____

FIELD NOTES:	



Job No: 92.16296

SAMPLE NO: 46861

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-32

Time Collected: 11:55

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	30.8	mg/L	10/06/1992
Conductivity		717.	umhos/cm	10/02/1992
Nitrate	AQ	0.104	mg/L N	10/05/1992
pH		7.0	pH units	09/25/1992
Sulfate		55.9	mg/L	10/13/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.076	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	12.0	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.006	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	3.68	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	25.0	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/03/1992
Bromodichloromethane		<1.0	ug/L	10/03/1992
Bromoform		<1.0	ug/L	10/03/1992
Bromomethane		<1.0	ug/L	10/03/1992
Carbon Tetrachloride		<1.0	ug/L	10/03/1992
Chlorobenzene		<1.0	ug/L	10/03/1992
Chloroethane		<1.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/03/1992
Chloroform		<1.0	ug/L	10/03/1992
Chloromethane		<1.0	ug/L	10/03/1992
Dibromochloromethane		<1.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/03/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16296

SAMPLE NO: 46861

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-32

Time Collected: 11:55

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/03/1992
1,2-Dichloroethane	<1.0	ug/L	10/03/1992
1,1-Dichloroethene	<1.0	ug/L	10/03/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/03/1992
1,2-Dichloropropane	<1.0	ug/L	10/03/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
Ethylbenzene	<1.0	ug/L	10/03/1992
Methylene Chloride	<1.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/03/1992
Tetrachloroethene	<1.0	ug/L	10/03/1992
Toluene	<1.0	ug/L	10/03/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/03/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/03/1992
Trichloroethene	<1.0	ug/L	10/03/1992
Trichlorofluoromethane	<1.0	ug/L	10/03/1992
Vinyl Chloride	<1.0	ug/L	10/03/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46861 JOB NO. 92-16296

SOURCE			
CLIENT <u>Seneca Army Depot</u>	WELL NO. <u>MW-32</u>		
LOCATION <u>LF</u>	WELL TYPE/SIZE <u>2" PVC</u>		
EVACUATION	DATE <u>9-22-92</u>	ITEM	START FINISH
WELL DEPTH <u>10.5'</u>		TIME	<u>12:12</u>
DEPTH TO WATER <u>6.31</u>		pH	<u>7</u>
WELL VOLUME <u>.67</u>		TEMP.	<u>14°C</u>
METHOD <u>bailed</u>		DEPTH	<u>6.31'</u>
NO. OF VOLUMES <u>3</u>		COLOR	<u>Dk. Gr.</u> <u>Dk. Gr.</u>
TOTAL VOLUME <u>2g</u>		APPEAR	<u>med Turb</u> <u>High Turb</u>
SAMPLING	DATE <u>9-23-92</u>	pH <u>7.24</u>	
TIME <u>11:55</u>		TEMP. <u>14°C</u>	
METHOD <u>bailed</u>		COLOR <u>Dk. Grey</u>	
CONTAINER <u>1/2g, 250, pint, 2gts, 2vials</u>		TURB <u>High</u>	
SAMPLED BY <u>BRM</u>		REDOX <u>227.9</u>	COND <u>770</u>
PRESERVATION	DATE <u>9-23-92</u>		
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME	BY	
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME	BY	
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄			
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)			
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER			
CUSTODY			
SAMPLERS SIGNATURE <u>Brian R. Mibler</u>			
TRANSFERED TO #1		RECEIVED BY <u>Christine Miguel</u> DATE <u>9-24-92</u> TIME <u>08:30</u>	
#2		RECEIVED BY _____ DATE _____ TIME _____	
FIELD NOTES:			



Job No: 92.16296

SAMPLE NO: 46862

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-33

Time Collected: 11:45

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	28.9	mg/L	10/06/1992
Conductivity		692.	umhos/cm	10/02/1992
Nitrate	AQ	0.126	mg/L N	10/05/1992
pH		6.9	pH units	09/25/1992
Sulfate		54.4	mg/L	10/13/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.096	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	17.4	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.006	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	3.36	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	19.6	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/03/1992
Bromodichloromethane		<1.0	ug/L	10/03/1992
Bromoform		<1.0	ug/L	10/03/1992
Bromomethane		<1.0	ug/L	10/03/1992
Carbon Tetrachloride		<1.0	ug/L	10/03/1992
Chlorobenzene		<1.0	ug/L	10/03/1992
Chloroethane		<1.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/03/1992
Chloroform		<1.0	ug/L	10/03/1992
Chloromethane		<1.0	ug/L	10/03/1992
Dibromochloromethane		<1.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/03/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16296

SAMPLE NO: 46862

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : MW-33

Time Collected: 11:45

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/03/1992
1,2-Dichloroethane	<1.0	ug/L	10/03/1992
1,1-Dichloroethene	<1.0	ug/L	10/03/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/03/1992
1,2-Dichloropropane	<1.0	ug/L	10/03/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
Ethylbenzene	<1.0	ug/L	10/03/1992
Methylene Chloride	<1.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/03/1992
Tetrachloroethene	<1.0	ug/L	10/03/1992
Toluene	<1.0	ug/L	10/03/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/03/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/03/1992
Trichloroethene	<1.0	ug/L	10/03/1992
Trichlorofluoromethane	<1.0	ug/L	10/03/1992
Vinyl Chloride	<1.0	ug/L	10/03/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46862 JOB NO. 92-16296

SOURCE				
CLIENT <u>Seneca Army Depot</u>		WELL NO. <u>MW-33</u>		
LOCATION <u>LF</u>		WELL TYPE/SIZE <u>2" PVC</u>		
EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>10.5'</u>		TIME		<u>12:00</u>
DEPTH TO WATER <u>6.21'</u>		pH		<u>7</u>
WELL VOLUME <u>1.69g.</u>		TEMP.		<u>15°c</u>
METHOD <u>bailed</u>		DEPTH	<u>6.21'</u>	
NO. OF VOLUMES <u>3</u>		COLOR	<u>Dk. Gr.</u>	<u>Dk. Gr.</u>
TOTAL VOLUME <u>2.5g.</u>		APPEAR	<u>Med Turb</u>	<u>High Turb</u>

SAMPLING	DATE <u>9-23-92</u>	pH <u>7.14</u>
TIME <u>11:45</u>	TEMP. <u>15°c</u>	
METHOD <u>bailed</u>	COLOR <u>Dk. Grey</u>	
CONTAINER <u>1/2g, 250, pint, 2 rts, 2 vials</u>	TURB <u>High</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>230.4</u>	COND <u>800</u>

PRESERVATION	DATE <u>9-23-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ _____ NaOH _____ H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL _____ SOD. THIO. _____ Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C _____ OTHER _____	

CUSTODY	
SAMPLERS SIGNATURE <u>Brian R. Milder</u>	
TRANSFERED TO #1	
RECIEVED BY #1 <u>Christine Miguel</u>	DATE <u>9-24-92</u> TIME <u>08:30</u>
RECIEVED BY #2 _____	DATE _____ TIME _____

FIELD NOTES:	
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NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

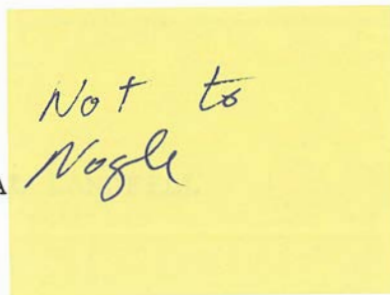
Client: SENECA ARMY DEPOT
DEH - BUILDING 123
ROMULUS, NY 14541-5001

Date: 10/12/1992
Job No: 92.16295

Attention: MR. MARK PAPROCKI

Purchase Order No: DAAC72-91-V-2
Account Number: 82680

Project: SEMI-ANNUA



Subject: Samples received on 09/24/1992, identified as PT-10, PT-11, PT-15 through PT-17, PT-23 through PT-25 and Trip Blank. TOX analyzed by NET-Gulfport.

Project Manager: Bindy Dain

NET - SYRACUSE

Janece F. Lafferty
Janece F. Lafferty
Technical Director

NET warrants that any sampling and analysis conducted as part of this report are performed in accordance with the analytical industries recognized methodologies and professional standards. NET will not assume liability for any damages resulting from deficient work other than reperformance or cost of said work and will not accept any liability as a result of data interpretation by the client.





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46847

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-10

Time Collected: 10:45

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	58.8	mg/L	10/06/1992
Conductivity		803.	umhos/cm	10/02/1992
Nitrate	AQ	<0.040	mg/L N	10/05/1992
pH		7.5	pH units	09/25/1992
Sulfate		20.6	mg/L	09/30/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		0.02	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.192	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	0.125	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.013	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	2.40	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	37.4	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46847

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-10

Time Collected: 10:45

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	<1.0	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992



92.16295



MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46847 JOB NO. _____

SOURCE				
CLIENT <u>Seneca Army Depot</u>		WELL NO. <u>PT-10</u>		
LOCATION <u>LF</u>		WELL TYPE/SIZE <u>2" PVC</u>		
EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>46.2'</u>		TIME		<u>11:08</u>
DEPTH TO WATER <u>6.24'</u>		pH		<u>7</u>
WELL VOLUME <u>6.39g</u>		TEMP.		<u>11°C</u>
METHOD <u>bailed</u>		DEPTH	<u>6.24'</u>	
NO. OF VOLUMES <u>2</u>		COLOR	<u>C1</u>	<u>Lt. Br</u>
TOTAL VOLUME <u>14g - Dry</u>		APPEAR	<u>Low Turb</u>	<u>Low Turb</u>

SAMPLING	DATE <u>9-23-92</u>	pH <u>7.38</u>
TIME <u>10:45</u>	TEMP. <u>11°C</u>	
METHOD <u>Bailed</u>	COLOR <u>Clear</u>	
CONTAINER <u>1/2 gal, 50ml, pint, 2 qts + 2 vials</u>	TURB <u>Low</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>38.1</u>	COND <u>900</u>

PRESERVATION	DATE <u>9-23-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ _____ NaOH _____ H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL _____ SOD. THIO. _____ Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C _____ OTHER _____	

CUSTODY			
SAMPLERS SIGNATURE <u>Brian R. Mihler</u>			
TRANSFERED TO #1	RECEIVED BY <u>Christine Miguel</u>	DATE <u>9-24-92</u>	TIME <u>08:30</u>
#2	RECEIVED BY _____	DATE _____	TIME _____

FIELD NOTES:	_____
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NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46848

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-11

Time Collected: 11:05

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	35.7	mg/L	10/06/1992
Conductivity		1100.	umhos/cm	10/02/1992
Nitrate	AQ	0.233	mg/L N	10/05/1992
pH		7.3	pH units	09/25/1992
Sulfate		194.	mg/L	09/30/1992
Total Organic Carbon		7.4	mg/L	10/07/1992
Total Organic Halogen-TOX		0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.270	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	15.8	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.015	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	5.36	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/09/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	44.1	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





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Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46848

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-11

Time Collected: 11:05

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	<1.0	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057

(315) 446-8795

LAB SAMPLE LOG NO. 46848 JOB NO. 92.16295

SOURCE				
CLIENT <u>Seneca Army Depot</u>		WELL NO. <u>PT-11</u>		
LOCATION <u>LF</u>		WELL TYPE/SIZE <u>2" PVC</u>		
EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>19.4'</u>		TIME		<u>11:21</u>
DEPTH TO WATER <u>5.14'</u>		pH		<u>7</u>
WELL VOLUME <u>2.28g</u>		TEMP.		<u>13°C</u>
METHOD <u>bailed</u>		DEPTH	<u>5.14'</u>	
NO. OF VOLUMES <u>1</u>		COLOR	<u>Lt. Br.</u>	<u>Lt. Br.</u>
TOTAL VOLUME <u>2.5g - Dry</u>		APPEAR	<u>Med Turb</u>	<u>High Turb</u>
SAMPLING		DATE <u>9-23-92</u>	pH <u>7.35</u>	
TIME <u>11:05</u>	TEMP. <u>13°C</u>			
METHOD <u>bailed</u>	COLOR <u>Lt. Brown</u>			
CONTAINER <u>1/2g, 250, pint, 2qts, 2vials</u>	TURB <u>med</u>			
SAMPLED BY <u>BRM</u>	REDOX <u>249.8</u>	COND <u>1220</u>		
PRESERVATION		DATE <u>9-23-92</u>		
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME	BY		
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME	BY		
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄				
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)				
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER				
CUSTODY				
SAMPLERS SIGNATURE <u>Brian R. Milder</u>				
TRANSFERED TO #1				
RECEIVED BY <u>Christine Miguel</u>		DATE <u>9-24-92</u>	TIME <u>08:30</u>	
#2				
RECEIVED BY		DATE	TIME	
FIELD NOTES:				



Job No: 92.16295

SAMPLE NO: 46849

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-15

Time Collected: 11:35

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	5.78	mg/L	10/06/1992
Conductivity		508.	umhos/cm	10/02/1992
Nitrate	AQ	0.104	mg/L N	10/05/1992
pH		7.4	pH units	09/25/1992
Sulfate		48.7	mg/L	09/30/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.104	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	5.14	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.006	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	2.86	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	29.2	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46849

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-15

Time Collected: 11:35

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	<1.0	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057

(315) 446-8795

LAB SAMPLE LOG NO. 46849

JOB NO. 92.16295

SOURCE	
CLIENT <u>Seneca Army Depot</u>	WELL NO. <u>PT-15</u>
LOCATION <u>LF</u>	WELL TYPE/SIZE <u>2" PVC</u>

EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>19.5'</u>		TIME		<u>11:47</u>
DEPTH TO WATER <u>6.77'</u>		pH		<u>7</u>
WELL VOLUME <u>2.04g</u>		TEMP.		<u>13°C</u>
METHOD <u>Bailed</u>		DEPTH	<u>6.77</u>	
NO. OF VOLUMES <u>1.5</u>		COLOR	<u>Dk. Gr.</u>	<u>Dk Gr.</u>
TOTAL VOLUME <u>3g - Dry</u>		APPEAR	<u>Med Turb</u>	<u>High Turb</u>

SAMPLING	DATE <u>9-23-92</u>	pH <u>7.59</u>
TIME <u>11:35</u>	TEMP. <u>13°C</u>	
METHOD <u>bailed</u>	COLOR <u>Dk Grey</u>	
CONTAINER <u>1/2g, 250, pint, 2qts, 2vials</u>	TURB <u>High</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>246.2</u>	COND <u>590</u>

PRESERVATION	DATE <u>9-23-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn (C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER _____	

CUSTODY	
SAMPLERS SIGNATURE <u>Brian R. Mihley</u>	
TRANSFERED TO #1	
RECEIVED BY <u>Christine Meyer</u>	DATE <u>9-24-92</u> TIME <u>08:30</u>
#2	
RECEIVED BY _____	DATE _____ TIME _____

FIELD NOTES:	
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NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46850

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-16

Time Collected: 11:20

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	12.5	mg/L	10/06/1992
Conductivity		573.	umhos/cm	10/02/1992
Nitrate	AQ	<0.040	mg/L N	10/05/1992
pH		7.1	pH units	09/25/1992
Sulfate		31.1	mg/L	09/30/1992
Total Organic Carbon		3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.063	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	3.40	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	<0.005	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	2.03	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	6.10	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46850

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-16

Time Collected: 11:20

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	<1.0	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46850 JOB NO. 92.16295

SOURCE	
CLIENT <u>Seneca Army Depot</u>	WELL NO. <u>PT-16</u>
LOCATION <u>LF</u>	WELL TYPE/SIZE <u>2" PVC</u>

EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>19.5'</u>		TIME		<u>11:32</u>
DEPTH TO WATER <u>2.72'</u>		pH		<u>7</u>
WELL VOLUME <u>1.41 g</u>		TEMP.		<u>16°C</u>
METHOD <u>bailed</u>		DEPTH	<u>2.72'</u>	
NO. OF VOLUMES <u>3</u>		COLOR	<u>C1</u>	<u>Lt. Br.</u>
TOTAL VOLUME <u>4.5 g</u>		APPEAR	<u>Low Turb</u>	<u>Med Turb</u>

SAMPLING	DATE <u>9-23-92</u>	pH <u>7.44</u>
TIME <u>11:20</u>	TEMP. <u>16°C</u>	
METHOD <u>bailed</u>	COLOR <u>Lt. Brown</u>	
CONTAINER <u>1/2g, 250, pint, 2qts, 2vials</u>	TURB <u>Med</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>256.7</u>	COND <u>660</u>

PRESERVATION	DATE <u>9-23-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER _____	

CUSTODY	
SAMPLERS SIGNATURE <u>Brian R. Mihler</u>	
TRANSFERRED TO #1	
RECEIVED BY <u>Christine Miguel</u>	DATE <u>9-24-92</u> TIME <u>08:30</u>
RECEIVED BY #2 _____	DATE _____ TIME _____

FIELD NOTES: _____



Job No: 92.16295

SAMPLE NO: 46851

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-17

Time Collected: 13:35

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	30.8	mg/L	10/06/1992
Conductivity		747.	umhos/cm	10/02/1992
Nitrate	AQ	0.157	mg/L N	10/05/1992
pH		7.1	pH units	09/25/1992
Sulfate		64.6	mg/L	09/30/1992
Total Organic Carbon		4.1	mg/L	10/07/1992
Total Organic Halogen-TOX		0.04	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.090	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	10.1	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.007	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	2.51	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	25.3	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46851

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-17

Time Collected: 13:35

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	73.0	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46851 JOB NO. 92.16295

SOURCE	
CLIENT <u>Seneca Army Depot</u>	WELL NO. <u>PT-17</u>
LOCATION <u>LF</u>	WELL TYPE/SIZE <u>2" PVC</u>

EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>11.5'</u>		TIME		<u>13:45</u>
DEPTH TO WATER <u>3.38'</u>		pH		<u>7</u>
WELL VOLUME <u>1.30g</u>		TEMP.		<u>16°C</u>
METHOD <u>bailed</u>		DEPTH	<u>3.38'</u>	
NO. OF VOLUMES <u>3</u>		COLOR		<u>Lt. Br.</u>
TOTAL VOLUME <u>4g</u>		APPEAR	<u>Med Turb</u>	<u>High Turb</u>

SAMPLING	DATE <u>9-23-92</u>	pH <u>7.25</u>
TIME <u>13:35</u>	TEMP. <u>16°C</u>	
METHOD <u>bailed</u>	COLOR <u>Lt. Brown</u>	
CONTAINER <u>1/2 g, 250, pint, 2 qrts, 2 vials</u>	TURB <u>Med</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>262.9</u>	COND <u>830</u>

PRESERVATION	DATE <u>9-23-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER _____	

CUSTODY	
SAMPLERS SIGNATURE <u>Brian R. Mihler</u>	
TRANSFERRED TO #1	
RECIEVED BY <u>Christine Miguel</u>	DATE <u>9-24-92</u> TIME <u>08:30</u>
RECIEVED BY #2 _____	DATE _____ TIME _____

FIELD NOTES:	
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Job No: 92.16295

SAMPLE NO: 46852

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-23

Time Collected: 12:30

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	11.6	mg/L	10/06/1992
Conductivity		623.	umhos/cm	10/02/1992
Nitrate	AQ	1.24	mg/L N	10/05/1992
pH		7.3	pH units	09/25/1992
Sulfate		37.5	mg/L	09/30/1992
Total Organic Carbon		3.7	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.049	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	1.50	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.026	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	1.47	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	5.45	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46852

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-23

Time Collected: 12:30

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	<1.0	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46852 JOB NO. 92.16295

SOURCE			
CLIENT	<u>Seneca Army Depot</u>	WELL NO.	<u>PT-23</u>
LOCATION	<u>LF</u>	WELL TYPE/SIZE	<u>2" PUC</u>
EVACUATION	DATE <u>9-22-92</u>	ITEM	START FINISH
WELL DEPTH	<u>12'</u>	TIME	<u>12:49</u>
DEPTH TO WATER	<u>3.19'</u>	pH	<u>7</u>
WELL VOLUME	<u>1.41g</u>	TEMP.	<u>16°C</u>
METHOD	<u>bailed</u>	DEPTH	<u>3.19'</u>
NO. OF VOLUMES	<u>1.5</u>	COLOR	<u>Lt. Br. Lt. Br.</u>
TOTAL VOLUME	<u>2g - Dry</u>	APPEAR	<u>Low Turb Med Turb</u>
SAMPLING	DATE <u>9-23-92</u>	pH	<u>7.37</u>
TIME	<u>12:30</u>	TEMP.	<u>16°C</u>
METHOD	<u>bailed</u>	COLOR	<u>Lt. Brown</u>
CONTAINER	<u>1/2g, 250, pint, 2qts, 2viab</u>	TURB	<u>med</u>
SAMPLED BY	<u>BRM</u>	REDOX	<u>210.2</u> ■ COND <u>700</u>
PRESERVATION	DATE <u>9-23-92</u>		
FILTERED	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME	BY
PRESERVED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME	BY
PRESERVATIVE	<input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄		
	<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)		
	<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER		
CUSTODY			
SAMPLERS SIGNATURE	<u>Brian R. Milder</u>		
TRANSFERED TO #1	RECIEVED BY	DATE	TIME
	<u>Christine Miguel</u>	<u>9-24-92</u>	<u>08:30</u>
	RECIEVED BY	DATE	TIME
FIELD NOTES:			



Job No: 92.16295

SAMPLE NO: 46853

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-24

Time Collected: 13:07

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	14.5	mg/L	10/06/1992
Conductivity		669.	umhos/cm	10/02/1992
Nitrate	AQ	0.113	mg/L N	10/05/1992
pH		7.2	pH units	09/25/1992
Sulfate		59.	mg/L	09/30/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		0.05	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.054	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	1.60	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	<0.005	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	1.79	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	15.0	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46853

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-24

Time Collected: 13:07

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	8.2	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46853

JOB NO. 92.16295

SOURCE			
CLIENT	<u>Seneca Army Depot</u>	WELL NO.	<u>PT-24</u>
LOCATION	<u>LF</u>	WELL TYPE/SIZE	<u>2" PVC</u>
EVACUATION	DATE <u>9-22-92</u>	ITEM	START FINISH
WELL DEPTH	<u>11.8'</u>	TIME	<u>13:15</u>
DEPTH TO WATER	<u>3.45'</u>	pH	<u>7</u>
WELL VOLUME	<u>1.34g.</u>	TEMP.	<u>15°C</u>
METHOD	<u>bailed</u>	DEPTH	<u>3.45'</u>
NO. OF VOLUMES	<u>3</u>	COLOR	<u>DK. Gr.</u> <u>DK. Br.</u>
TOTAL VOLUME	<u>4.5g.</u>	APPEAR	<u>Low Turb</u> <u>Med Turb</u>
SAMPLING	DATE <u>9-23-92</u>	pH	<u>7.25</u>
TIME	<u>13:07</u>	TEMP.	<u>15°C</u>
METHOD	<u>bailed</u>	COLOR	<u>DK Grey</u>
CONTAINER	<u>1/2g, 250, pint, 2 qts, 2 vials</u>	TURB	<u>Med</u>
SAMPLED BY	<u>BRM</u>	REDOX	<u>226.8</u> COND <u>760</u>
PRESERVATION	DATE <u>9-23-92</u>		
FILTERED	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME	BY
PRESERVED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME	BY
PRESERVATIVE	<input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄		
	<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)		
	<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER		
CUSTODY			
SAMPLERS SIGNATURE	<u>Brian R. Mibler</u>		
TRANSFERED TO #1	RECEIVED BY	DATE	TIME
	<u>Christine Miguel</u>	<u>9-24-92</u>	<u>08:30</u>
	RECEIVED BY #2	DATE	TIME
FIELD NOTES:			



Job No: 92.16295

SAMPLE NO: 46854

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-25

Time Collected: 12:09

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	17.3	mg/L	10/06/1992
Conductivity		579.	umhos/cm	10/02/1992
Nitrate	AQ	0.460	mg/L N	10/05/1992
pH		7.1	pH units	09/25/1992
Sulfate		39.	mg/L	09/30/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.086	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	16.6	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.006	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	3.14	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/08/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	17.3	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/02/1992
Bromodichloromethane		<1.0	ug/L	10/02/1992
Bromoform		<1.0	ug/L	10/02/1992
Bromomethane		<1.0	ug/L	10/02/1992
Carbon Tetrachloride		<1.0	ug/L	10/02/1992
Chlorobenzene		<1.0	ug/L	10/02/1992
Chloroethane		<1.0	ug/L	10/02/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/02/1992
Chloroform		<1.0	ug/L	10/02/1992
Chloromethane		<1.0	ug/L	10/02/1992
Dibromochloromethane		<1.0	ug/L	10/02/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/02/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/02/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46854

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : PT-25

Time Collected: 12:09

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/02/1992
1,2-Dichloroethane	<1.0	ug/L	10/02/1992
1,1-Dichloroethene	<1.0	ug/L	10/02/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/02/1992
1,2-Dichloropropane	<1.0	ug/L	10/02/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/02/1992
Ethylbenzene	<1.0	ug/L	10/02/1992
Methylene Chloride	<1.0	ug/L	10/02/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/02/1992
Tetrachloroethene	<1.0	ug/L	10/02/1992
Toluene	<1.0	ug/L	10/02/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/02/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/02/1992
Trichloroethene	<1.0	ug/L	10/02/1992
Trichlorofluoromethane	<1.0	ug/L	10/02/1992
Vinyl Chloride	<1.0	ug/L	10/02/1992





MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46854

JOB NO. 92.16295

SOURCE	
CLIENT <u>Seneca Army Depot</u>	WELL NO. <u>PT-25</u>
LOCATION <u>LF</u>	WELL TYPE/SIZE <u>2" PVC</u>

EVACUATION	DATE <u>9-22-92</u>	ITEM	START	FINISH
WELL DEPTH <u>12'</u>		TIME		<u>12:34</u>
DEPTH TO WATER <u>4.12'</u>		pH		<u>7</u>
WELL VOLUME <u>1,26g.</u>		TEMP.		<u>16°C</u>
METHOD <u>bailed</u>		DEPTH	<u>4.12'</u>	
NO. OF VOLUMES <u>3</u>		COLOR	<u>Lt. Br.</u>	<u>Lt. Br.</u>
TOTAL VOLUME <u>4g.</u>		APPEAR	<u>Med Turb</u>	<u>High Turb</u>

SAMPLING	DATE <u>9-23-92</u>	pH <u>7.24</u>
TIME <u>12:09</u>	TEMP. <u>16°C</u>	
METHOD <u>bailed</u>	COLOR <u>Lt. Brown</u>	
CONTAINER <u>1/2g, 250, pint, 2 qrts, 2 vials</u>	TURB <u>Med.</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>232.5</u>	COND <u>650</u>

PRESERVATION	DATE <u>9-23-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ _____ NaOH _____ H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL _____ SOD. THIO. _____ Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C _____ OTHER _____	

CUSTODY	
SAMPLERS SIGNATURE <u>Brian R. M. Miller</u>	
TRANSFERRED TO #1	
RECIEVED BY <u>Christine Miguel</u>	DATE <u>9-24-92</u> TIME <u>08:30</u>
#2	
RECIEVED BY _____	DATE _____ TIME _____

FIELD NOTES:	
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NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16295

SAMPLE NO: 46855

LABORATORY ANALYSIS REPORT

Date Received : 09/24/1992

Date Collected: 09/23/1992

LOCATION : TRIP BLANK

Time Collected: 08:00

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	09/29/1992
Bromodichloromethane		<1.0	ug/L	09/29/1992
Bromoform		<1.0	ug/L	09/29/1992
Bromomethane		<1.0	ug/L	09/29/1992
Carbon Tetrachloride		<1.0	ug/L	09/29/1992
Chlorobenzene		<1.0	ug/L	09/29/1992
Chloroethane		<1.0	ug/L	09/29/1992
2-Chloroethylvinyl ether		<1.0	ug/L	09/29/1992
Chloroform		<1.0	ug/L	09/29/1992
Chloromethane		<1.0	ug/L	09/29/1992
Dibromochloromethane		<1.0	ug/L	09/29/1992
1,2-Dichlorobenzene		<1.0	ug/L	09/29/1992
1,3-Dichlorobenzene		<1.0	ug/L	09/29/1992
1,4-Dichlorobenzene		<1.0	ug/L	09/29/1992
1,1-Dichloroethane		<1.0	ug/L	09/29/1992
1,2-Dichloroethane		<1.0	ug/L	09/29/1992
1,1-Dichloroethene		<1.0	ug/L	09/29/1992
trans-1,2-Dichloroethene		<1.0	ug/L	09/29/1992
1,2-Dichloropropane		<1.0	ug/L	09/29/1992
cis-1,3-Dichloropropene		<1.0	ug/L	09/29/1992
trans-1,3-Dichloropropene		<1.0	ug/L	09/29/1992
Ethylbenzene		<1.0	ug/L	09/29/1992
Methylene Chloride		<1.0	ug/L	09/29/1992
1,1,2,2-Tetrachloroethane		<1.0	ug/L	09/29/1992
Tetrachloroethene		<1.0	ug/L	09/29/1992
Toluene		<1.0	ug/L	09/29/1992
1,1,1-Trichloroethane		<1.0	ug/L	09/29/1992
1,1,2-Trichloroethane		<1.0	ug/L	09/29/1992
Trichloroethene		<1.0	ug/L	09/29/1992
Trichlorofluoromethane		<1.0	ug/L	09/29/1992
Vinyl Chloride		<1.0	ug/L	09/29/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

92.16295

NET Atlantic, Inc.
Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Formerly: NET Northeast, Inc.

SAMPLE CHARACTERIZATION/CHAIN OF CUSTODY INFORMATION

CLIENT Seneca Army Depot CLIENT # _____
 CLIENT CONTACT _____ PHONE () _____
 P.O. # _____ LOG # 46855

SAMPLING:
 SAMPLE ID: Trip LOCATION: LF
 SAMPLE TYPE: _____ SOIL WATER _____ OIL _____ SEDIMENT _____ WIPE
 OTHER _____
 COLLECTION METHOD: _____ 24HR COMPOSITE MANUAL GRAB _____ WIPE
 _____ FLOW COMPOSITE OTHER _____
 COMPOSITE:
 SET: DATE _____ TIME _____ BY _____
 PICKED UP: DATE _____ TIME _____ BY _____
 MANUAL GRAB: DATE 9-23-92 TIME 08:00 BY BRM
 FLOW: _____ UNITS: _____ GPM _____ GPD _____ MGD

PRESERVATION:
 DATE 9-23-92 TIME _____ BY _____
 PRESERVATIVE: _____ H₂SO₄ _____ HNO₃ _____ NaOH HCl _____ Na₂S₂O₃
 COOLED TO 4 DEGREES CELSIUS _____ TEFLON LINER
 OTHER _____

CONTAINERS:
2 vials

NOTES:

CUSTODY:
 COLLECTED BY: Brian R. Mubler DATE: 9-23-92
 DELIVERED BY: _____ DATE: _____ TIME: _____
 RECEIVED BY: Christine Miguel DATE: 9-24-92 TIME: 08:30
 LOGGED IN BY: _____ DATE: _____ TIME: _____



NATIONAL
ENVIRONMENTAL
TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Client: SENECA ARMY DEPOT
DEH - BUILDING 123
ROMULUS, NY 14541-5001

Date: 10/19/1992
Job No: 92.16303

Attention: MR. MARK PAPROCKI

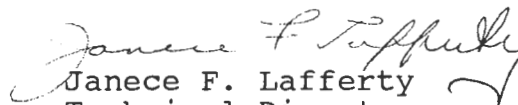
Purchase Order No: DAAC72-91-V-2
Account Number: 82680

Project: SEMI-ANNUAL LANDFILL

Subject: Samples received on 09/25/1992, identified as PT-12, PT-18, PT-20 through PT-22, PT-26, Farm House-Shallow, Farm House-Deep, Barn Well and Trip Blank.

Project Manager: Bindy Dain

NET - SYRACUSE


Janece F. Lafferty
Technical Director

NET warrants that any sampling and analysis conducted as part of this report are performed in accordance with the analytical industries recognized methodologies and professional standards. NET will not assume liability for any damages resulting from deficient work other than reperformance or cost of said work and will not accept any liability as a result of data interpretation by the client.





Job No: 92.16303

SAMPLE NO: 46876

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-12

Time Collected: 12:15

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	46.3	mg/L	10/06/1992
Conductivity		1170.	umhos/cm	10/02/1992
Nitrate	AQ	0.060	mg/L N	10/05/1992
pH		6.9	pH units	09/28/1992
Sulfate		235.	mg/L	10/13/1992
Total Organic Carbon		3.5	mg/L	10/07/1992
Total Organic Halogen-TOX		0.18	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.273	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	0.058	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	56.5	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.034	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	9.02	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005 *	mg/L	10/09/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	21.8	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<10.0	ug/L	10/03/1992
Bromodichloromethane		<10.0	ug/L	10/03/1992
Bromoform		<10.0	ug/L	10/03/1992
Bromomethane		<10.0	ug/L	10/03/1992
Carbon Tetrachloride		<10.0	ug/L	10/03/1992
Chlorobenzene		<10.0	ug/L	10/03/1992
Chloroethane		<10.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<10.0	ug/L	10/03/1992
Chloroform		<10.0	ug/L	10/03/1992
Chloromethane		<10.0	ug/L	10/03/1992
Dibromochloromethane		<10.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<10.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<10.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<10.0	ug/L	10/03/1992

*Poor spike recovery due to matrix interference.





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16303

SAMPLE NO: 46876

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-12

Time Collected: 12:15

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<10.0	ug/L	10/03/1992
1,2-Dichloroethane	<10.0	ug/L	10/03/1992
1,1-Dichloroethene	<10.0	ug/L	10/03/1992
trans-1,2-Dichloroethene	<10.0	ug/L	10/03/1992
1,2-Dichloropropane	<10.0	ug/L	10/03/1992
cis-1,3-Dichloropropene	<10.0	ug/L	10/03/1992
trans-1,3-Dichloropropene	<10.0	ug/L	10/03/1992
Ethylbenzene	<10.0	ug/L	10/03/1992
Methylene Chloride	<10.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<10.0	ug/L	10/03/1992
Tetrachloroethene	<10.0	ug/L	10/03/1992
Toluene	<10.0	ug/L	10/03/1992
1,1,1-Trichloroethane	<10.0	ug/L	10/03/1992
1,1,2-Trichloroethane	<10.0	ug/L	10/03/1992
Trichloroethene	174.	ug/L	10/03/1992
Trichlorofluoromethane	<10.0	ug/L	10/03/1992
Vinyl Chloride	<10.0	ug/L	10/03/1992



92.16303

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795



MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 46876 JOB NO. 82680

SOURCE			
CLIENT <u>Seneca Army Depot</u>		WELL NO. <u>PT-12</u>	
LOCATION <u>LF</u>		WELL TYPE/SIZE <u>2" PVC</u>	
EVACUATION	DATE <u>9-23-92</u>	ITEM	START FINISH
WELL DEPTH <u>12.3'</u>		TIME	<u>14:15</u>
DEPTH TO WATER <u>4.54'</u>		pH	<u>7</u>
WELL VOLUME <u>1.24g</u>		TEMP.	<u>15°C</u>
METHOD <u>bailed</u>		DEPTH	<u>4.54'</u>
NO. OF VOLUMES <u>2</u>		COLOR	<u>Dk. Br</u> <u>Dk. Br</u>
TOTAL VOLUME <u>2.5g - Dry</u>		APPEAR	<u>Med Turb</u> <u>High Turb</u>
SAMPLING	DATE <u>9-24-92</u>	pH <u>6.89</u>	
TIME <u>12:15</u>		TEMP. <u>15°C</u>	
METHOD <u>bailed</u>		COLOR <u>Dk. Brown</u>	
CONTAINER <u>1/2g, 250, pint, 2 qts, 2 vials</u>		TURB <u>High</u>	
SAMPLED BY <u>BRM</u>		REDOX <u>270.0</u> COND <u>1070</u>	
PRESERVATION	DATE <u>9-24-92</u>		
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME	BY	
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME	BY	
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄			
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)			
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER			
CUSTODY			
SAMPLERS SIGNATURE <u>Brian R. Milder</u>			
TRANSFERED TO #1			
RECEIVED BY <u>Christine Mignel</u>		DATE <u>9-25-92</u> TIME <u>08:00</u>	
#2			
RECEIVED BY		DATE TIME	
FIELD NOTES:			



Job No: 92.16303

SAMPLE NO: 46877

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-18

Time Collected: 12:30

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	37.6	mg/L	10/06/1992
Conductivity		1370.	umhos/cm	10/02/1992
Nitrate	AQ	<0.040	mg/L N	10/05/1992
pH		6.8	pH units	09/28/1992
Sulfate		233.	mg/L	10/13/1992
Total Organic Carbon		6.2	mg/L	10/07/1992
Total Organic Halogen-TOX		2.94	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/08/1992
Barium (Ba)	200 ICP AQ	0.065	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	4.72	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.011	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	3.30	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005 *	mg/L	10/09/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	82.5	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<200	ug/L	10/03/1992
Bromodichloromethane		<200	ug/L	10/03/1992
Bromoform		<200	ug/L	10/03/1992
Bromomethane		<200	ug/L	10/03/1992
Carbon Tetrachloride		<200	ug/L	10/03/1992
Chlorobenzene		<200	ug/L	10/03/1992
Chloroethane		<200	ug/L	10/03/1992
2-Chloroethylvinyl ether		<200	ug/L	10/03/1992
Chloroform		<200	ug/L	10/03/1992
Chloromethane		<200	ug/L	10/03/1992
Dibromochloromethane		<200	ug/L	10/03/1992
1,2-Dichlorobenzene		<200	ug/L	10/03/1992
1,3-Dichlorobenzene		<200	ug/L	10/03/1992
1,4-Dichlorobenzene		<200	ug/L	10/03/1992

*poor spike recovery due to matrix interference.





NATIONAL
ENVIRONMENTAL
TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16303

SAMPLE NO: 46877

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-18

Time Collected: 12:30

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<200	ug/L	10/03/1992
1,2-Dichloroethane	<200	ug/L	10/03/1992
1,1-Dichloroethene	<200	ug/L	10/03/1992
trans-1,2-Dichloroethene	<200	ug/L	10/03/1992
1,2-Dichloropropane	<200	ug/L	10/03/1992
cis-1,3-Dichloropropene	<200	ug/L	10/03/1992
trans-1,3-Dichloropropene	<200	ug/L	10/03/1992
Ethylbenzene	<200	ug/L	10/03/1992
Methylene Chloride	<200	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<200	ug/L	10/03/1992
Tetrachloroethene	<200	ug/L	10/03/1992
Toluene	<200	ug/L	10/03/1992
1,1,1-Trichloroethane	<200	ug/L	10/03/1992
1,1,2-Trichloroethane	<200	ug/L	10/03/1992
Trichloroethene	8470.	ug/L	10/03/1992
Trichlorofluoromethane	<200	ug/L	10/03/1992
Vinyl Chloride	<200	ug/L	10/03/1992



92.16303



MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46877 JOB NO. 82680

SOURCE				
CLIENT <u>Seneca Army Depot</u>		WELL NO. <u>PT-18</u>		
LOCATION <u>LF</u>		WELL TYPE/SIZE <u>2" PVC</u>		
EVACUATION	DATE <u>9-23-92</u>	ITEM	START	FINISH
WELL DEPTH <u>11.5'</u>		TIME		<u>14:25</u>
DEPTH TO WATER <u>4.65'</u>		pH		<u>7</u>
WELL VOLUME <u>1.10 g.</u>		TEMP.		<u>15°C</u>
METHOD <u>bailed</u>		DEPTH	<u>4.65'</u>	
NO. OF VOLUMES <u>2</u>		COLOR	<u>Lt. Br.</u>	<u>Lt. Br.</u>
TOTAL VOLUME <u>2.5g - Dry</u>		APPEAR	<u>Low Turb</u>	<u>Med Turb</u>

SAMPLING	DATE <u>9-24-92</u>	pH <u>6.78</u>
TIME <u>12:30</u>	TEMP. <u>15°C</u>	
METHOD <u>bailed</u>	COLOR <u>Lt. Brown</u>	
CONTAINER <u>1/2g, 250, pint, 2 qrts, 2 vials</u>	TURB <u>Med</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>252.7</u>	COND <u>1470</u>

PRESERVATION	DATE <u>9-24-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ _____ NaOH _____ H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL _____ SOD. THIO. _____ Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C _____ OTHER _____	

CUSTODY		
SAMPLERS SIGNATURE	<u>Brian R. Mihler</u>	
TRANSFERED TO #1	RECEIVED BY <u>Christine Miguel</u>	DATE <u>9-25-92</u> TIME <u>08:00</u>
#2	RECEIVED BY _____	DATE _____ TIME _____

FIELD NOTES:	
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Job No: 92.16303

SAMPLE NO: 46878

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-20

Time Collected: 12:00

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	14.5	mg/L	10/06/1992
Conductivity		814.	umhos/cm	10/02/1992
Nitrate	AQ	0.106	mg/L N	10/05/1992
pH		7.0	pH units	09/28/1992
Sulfate		96.4	mg/L	10/13/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		0.05	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/09/1992
Barium (Ba)	200 ICP AQ	0.071	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	1.20	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	<0.005	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	1.70	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/09/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	33.2	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/03/1992
Bromodichloromethane		<1.0	ug/L	10/03/1992
Bromoform		<1.0	ug/L	10/03/1992
Bromomethane		<1.0	ug/L	10/03/1992
Carbon Tetrachloride		<1.0	ug/L	10/03/1992
Chlorobenzene		<1.0	ug/L	10/03/1992
Chloroethane		<1.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/03/1992
Chloroform		<1.0	ug/L	10/03/1992
Chloromethane		<1.0	ug/L	10/03/1992
Dibromochloromethane		<1.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/03/1992





NATIONAL
ENVIRONMENTAL
TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16303

SAMPLE NO: 46878

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-20

Time Collected: 12:00

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/03/1992
1,2-Dichloroethane	<1.0	ug/L	10/03/1992
1,1-Dichloroethene	<1.0	ug/L	10/03/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/03/1992
1,2-Dichloropropane	<1.0	ug/L	10/03/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
Ethylbenzene	<1.0	ug/L	10/03/1992
Methylene Chloride	<1.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/03/1992
Tetrachloroethene	<1.0	ug/L	10/03/1992
Toluene	<1.0	ug/L	10/03/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/03/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/03/1992
Trichloroethene	36.1	ug/L	10/03/1992
Trichlorofluoromethane	<1.0	ug/L	10/03/1992
Vinyl Chloride	<1.0	ug/L	10/03/1992



92.16303



MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46878

JOB NO. 82680

SOURCE			
CLIENT	<u>Seneca Army Depot</u>	WELL NO.	<u>PT-20</u>
LOCATION	<u>LF</u>	WELL TYPE/SIZE	<u>2" PVC</u>
EVACUATION	DATE <u>9-23-92</u>	ITEM	START FINISH
WELL DEPTH	<u>11.5'</u>	TIME	<u>14:05</u>
DEPTH TO WATER	<u>5.05'</u>	pH	<u>7</u>
WELL VOLUME	<u>1.03g.</u>	TEMP.	<u>14°C</u>
METHOD	<u>bailed</u>	DEPTH	<u>5.05'</u>
NO. OF VOLUMES	<u>3</u>	COLOR	<u>Lt. Br.</u> <u>Lt. Br.</u>
TOTAL VOLUME	<u>3.5g.</u>	APPEAR	<u>Low Turb</u> <u>Low Turb</u>
SAMPLING	DATE <u>9-24-92</u>	pH	<u>7.09</u>
TIME	<u>12:00</u>	TEMP.	<u>14°C</u>
METHOD	<u>bailed</u>	COLOR	<u>Lt. Brown</u>
CONTAINER	<u>1/2g, 250, pint, 2qts, 2vials</u>	TURB	<u>Low</u>
SAMPLED BY	<u>BRM</u>	REDOX	<u>244.1</u> ■ COND <u>870</u>
PRESERVATION	DATE <u>9-24-92</u>		
FILTERED	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME	BY
PRESERVED	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME	BY
PRESERVATIVE	<input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄		
	<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)		
	<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER		
CUSTODY			
SAMPLERS SIGNATURE	<u>Brian R. Miller</u>		
TRANSFERED TO #1	RECIEVED BY	DATE	TIME
	<u>Christine Maguel</u>	<u>9-25-92</u>	<u>08:00</u>
	#2	DATE	TIME
	RECIEVED BY	DATE	TIME
FIELD NOTES:			



Job No: 92.16303

SAMPLE NO: 46879

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-21

Time Collected: 11:45

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/03/1992
Bromodichloromethane		<1.0	ug/L	10/03/1992
Bromoform		<1.0	ug/L	10/03/1992
Bromomethane		<1.0	ug/L	10/03/1992
Carbon Tetrachloride		<1.0	ug/L	10/03/1992
Chlorobenzene		<1.0	ug/L	10/03/1992
Chloroethane		<1.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/03/1992
Chloroform		<1.0	ug/L	10/03/1992
Chloromethane		<1.0	ug/L	10/03/1992
Dibromochloromethane		<1.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,1-Dichloroethane		<1.0	ug/L	10/03/1992
1,2-Dichloroethane		<1.0	ug/L	10/03/1992
1,1-Dichloroethene		<1.0	ug/L	10/03/1992
trans-1,2-Dichloroethene		<1.0	ug/L	10/03/1992
1,2-Dichloropropane		<1.0	ug/L	10/03/1992
cis-1,3-Dichloropropene		<1.0	ug/L	10/03/1992
trans-1,3-Dichloropropene		<1.0	ug/L	10/03/1992
Ethylbenzene		<1.0	ug/L	10/03/1992
Methylene Chloride		<1.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane		<1.0	ug/L	10/03/1992
Tetrachloroethene		<1.0	ug/L	10/03/1992
Toluene		<1.0	ug/L	10/03/1992
1,1,1-Trichloroethane		<1.0	ug/L	10/03/1992
1,1,2-Trichloroethane		<1.0	ug/L	10/03/1992
Trichloroethene		2.5	ug/L	10/03/1992
Trichlorofluoromethane		<1.0	ug/L	10/03/1992
Vinyl Chloride		<1.0	ug/L	10/03/1992

Note: All samples could not be collected as the well did not recover fully.



92.16303



MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46879 JOB NO. 82680

SOURCE	
CLIENT <u>Seneca Army Depot</u>	WELL NO. <u>PT-21</u>
LOCATION <u>LF</u>	WELL TYPE/SIZE <u>2" PVC</u>

EVACUATION	DATE <u>9-23-92</u>	ITEM	START	FINISH
WELL DEPTH <u>19.2'</u>		TIME		<u>13:55</u>
DEPTH TO WATER <u>11.52'</u>		pH		<u>7</u>
WELL VOLUME <u>1.23</u>		TEMP.		<u>12°c</u>
METHOD <u>bailed</u>		DEPTH	<u>11.52'</u>	
NO. OF VOLUMES <u>1</u>		COLOR	<u>Lt. Br.</u>	<u>Lt. Br.</u>
TOTAL VOLUME <u>1.5g - Dry</u>		APPEAR	<u>Low Turb</u>	<u>Med Turb</u>

SAMPLING	DATE <u>9-24-92</u>	pH <u>7.37</u>
TIME <u>11:45</u>	TEMP. <u>12°c</u>	
METHOD <u>bailed</u>	COLOR <u>Lt Brown</u>	
CONTAINER <u>2 vials</u>	TURB <u>Med</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>233.2</u>	COND <u>975</u>

PRESERVATION	DATE <u>9-24-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER _____	

CUSTODY
SAMPLERS SIGNATURE <u>Brian R. Mibler</u>
TRANSFERED TO #1
RECEIVED BY <u>Christine Miguel</u> DATE <u>9-25-92</u> TIME <u>08:00</u>
#2
RECEIVED BY _____ DATE _____ TIME _____

FIELD NOTES: <u>Well did not recover enough to collect all samples</u>
--



Job No: 92.16303

SAMPLE NO: 46880

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-22

Time Collected: 11:35

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	54.0	mg/L	10/06/1992
Conductivity		1020.	umhos/cm	10/02/1992
Nitrate	AQ	<0.040	mg/L N	10/05/1992
pH		7.0	pH units	09/28/1992
Sulfate		145.	mg/L	10/13/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		0.16	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/09/1992
Barium (Ba)	200 ICP AQ	0.067	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	1.58	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	<0.005	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	1.49	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005 *	mg/L	10/14/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	56.1	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/03/1992
Bromodichloromethane		<1.0	ug/L	10/03/1992
Bromoform		<1.0	ug/L	10/03/1992
Bromomethane		<1.0	ug/L	10/03/1992
Carbon Tetrachloride		<1.0	ug/L	10/03/1992
Chlorobenzene		<1.0	ug/L	10/03/1992
Chloroethane		<1.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/03/1992
Chloroform		<1.0	ug/L	10/03/1992
Chloromethane		<1.0	ug/L	10/03/1992
Dibromochloromethane		<1.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/03/1992

* Poor spike recovery due to matrix interferences.





Job No: 92.16303

SAMPLE NO: 46880

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-22

Time Collected: 11:35

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/03/1992
1,2-Dichloroethane	7.4	ug/L	10/03/1992
1,1-Dichloroethene	<1.0	ug/L	10/03/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/03/1992
1,2-Dichloropropane	<1.0	ug/L	10/03/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
Ethylbenzene	<1.0	ug/L	10/03/1992
Methylene Chloride	<1.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/03/1992
Tetrachloroethene	<1.0	ug/L	10/03/1992
Toluene	<1.0	ug/L	10/03/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/03/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/03/1992
Trichloroethene	141.	ug/L	10/03/1992
Trichlorofluoromethane	<1.0	ug/L	10/03/1992
Vinyl Chloride	<1.0	ug/L	10/03/1992



92.16303



MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46880

JOB NO. 82680

SOURCE	
CLIENT <u>Seneca Army Depot</u>	WELL NO. <u>PT-22</u>
LOCATION <u>LF</u>	WELL TYPE/SIZE <u>2" PVC</u>

EVACUATION	DATE <u>9-23-92</u>	ITEM	START	FINISH
WELL DEPTH <u>11.5'</u>		TIME		<u>13:45</u>
DEPTH TO WATER <u>4.74'</u>		pH		<u>7</u>
WELL VOLUME <u>1.08g.</u>		TEMP.		<u>14°c</u>
METHOD <u>bailed</u>		DEPTH	<u>4.74'</u>	
NO. OF VOLUMES <u>3</u>		COLOR	<u>Lt. Br.</u>	<u>Lt. Br.</u>
TOTAL VOLUME <u>3.5g.</u>		APPEAR	<u>Low Turb</u>	<u>Med Turb</u>

SAMPLING	DATE <u>9-24-92</u>	pH <u>8.99</u>
TIME <u>11:35</u>	TEMP. <u>14°c</u>	
METHOD <u>bailed</u>	COLOR <u>Lt. Brown</u>	
CONTAINER <u>1/2g, 250, pint, 2grts, 2vials</u>	TURB <u>Med</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>242.1</u>	COND <u>1060</u>

PRESERVATION	DATE <u>9-24-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER _____	

CUSTODY	
SAMPLERS SIGNATURE <u>Brian R. Mihler</u>	
TRANSFERED TO #1	
RECEIVED BY <u>Christine Miguel</u>	DATE <u>9-25-92</u> TIME <u>08:00</u>
RECEIVED BY #2 _____	DATE _____ TIME _____
RECEIVED BY _____	DATE _____ TIME _____

FIELD NOTES:	



Job No: 92.16303

SAMPLE NO: 46881

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-26

Time Collected: 13:30

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	15.4	mg/L	10/06/1992
Conductivity		818.	umhos/cm	10/02/1992
Nitrate	AQ	0.245	mg/L N	10/05/1992
pH		7.3	pH units	09/28/1992
Sulfate		106.	mg/L	10/13/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	0.022	mg/L	10/15/1992
Barium (Ba)	200 ICP AQ	0.602	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	0.145	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	165.	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.040	mg/L	10/15/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	9.25	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005 *	mg/L	10/14/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	25.1	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/03/1992
Bromodichloromethane		<1.0	ug/L	10/03/1992
Bromoform		<1.0	ug/L	10/03/1992
Bromomethane		<1.0	ug/L	10/03/1992
Carbon Tetrachloride		<1.0	ug/L	10/03/1992
Chlorobenzene		<1.0	ug/L	10/03/1992
Chloroethane		<1.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/03/1992
Chloroform		<1.0	ug/L	10/03/1992
Chloromethane		<1.0	ug/L	10/03/1992
Dibromochloromethane		<1.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/03/1992

* Poor spike recovery due to matrix interferences.





Job No: 92.16303

SAMPLE NO: 46881

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : PT-26

Time Collected: 13:30

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/03/1992
1,2-Dichloroethane	<1.0	ug/L	10/03/1992
1,1-Dichloroethene	<1.0	ug/L	10/03/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/03/1992
1,2-Dichloropropane	<1.0	ug/L	10/03/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
Ethylbenzene	<1.0	ug/L	10/03/1992
Methylene Chloride	<1.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/03/1992
Tetrachloroethene	<1.0	ug/L	10/03/1992
Toluene	<1.0	ug/L	10/03/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/03/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/03/1992
Trichloroethene	<1.0	ug/L	10/03/1992
Trichlorofluoromethane	<1.0	ug/L	10/03/1992
Vinyl Chloride	<1.0	ug/L	10/03/1992





92.16303

MONITORING WELL
SAMPLE CHARACTERIZATION AND
CHAIN OF CUSTODY SHEET

5854 BUTTERNUT DRIVE
EAST SYRACUSE, NY
13057
(315) 446-8795

LAB SAMPLE LOG NO. 46881

JOB NO. 82680

SOURCE	
CLIENT <u>Seneca Army Depot</u>	WELL NO. <u>PT-26</u>
LOCATION <u>LF</u>	WELL TYPE/SIZE <u>2" PVC</u>

EVACUATION	DATE <u>9-23-92</u>	ITEM	START	FINISH
WELL DEPTH <u>14'</u>		TIME		<u>14:55</u>
DEPTH TO WATER <u>3.36'</u>		pH		<u>7</u>
WELL VOLUME <u>1.70 g.</u>		TEMP.		<u>14°C</u>
METHOD <u>bailed</u>		DEPTH	<u>3.36'</u>	
NO. OF VOLUMES <u>3</u>		COLOR	<u>Lt. Br.</u>	<u>Lt. Br</u>
TOTAL VOLUME <u>5.5 g.</u>		APPEAR	<u>High Turb</u>	<u>High Turb</u>

SAMPLING	DATE <u>9-24-92</u>	pH <u>7.18</u>
TIME <u>13:30</u>	TEMP. <u>14°C</u>	
METHOD <u>bailed</u>	COLOR <u>Lt. Brown</u>	
CONTAINER <u>1/2g, 250ml, pint, 2 qrt.; 2 vials</u>	TURB <u>High</u>	
SAMPLED BY <u>BRM</u>	REDOX <u>243.7</u>	COND <u>900</u>

PRESERVATION	DATE <u>9-24-92</u>
FILTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	TIME _____ BY _____
PRESERVED YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	TIME _____ BY _____
PRESERVATIVE <input checked="" type="checkbox"/> H ₂ SO ₄ <input checked="" type="checkbox"/> HNO ₃ <input type="checkbox"/> NaOH <input type="checkbox"/> H ₃ PO ₄ +C ₂ SO ₄	
<input checked="" type="checkbox"/> HCL <input type="checkbox"/> SOD. THIO. <input type="checkbox"/> Zn(C ₂ H ₃ O ₂)	
<input checked="" type="checkbox"/> COOLED TO 4 C <input type="checkbox"/> OTHER _____	

CUSTODY
SAMPLERS SIGNATURE <u>Brian R. Miller</u>
TRANSFERED TO #1
RECIEVED BY <u>Christine Mignel</u> DATE <u>9-25-92</u> TIME <u>08:00</u>
#2
RECIEVED BY _____ DATE _____ TIME _____

FIELD NOTES:



Job No: 92.16303

SAMPLE NO: 46882

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : FARM HOUSE-SHALLOW

Time Collected: 13:45

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	8.2	mg/L	10/06/1992
Conductivity		874.	umhos/cm	10/02/1992
Nitrate	AQ	1.63	mg/L N	10/05/1992
pH		7.2	pH units	09/28/1992
Sulfate		55.5	mg/L	10/13/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/09/1992
Barium (Ba)	200 ICP AQ	0.065	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	0.125	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	0.005	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	5.30	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/09/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	31.3	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/03/1992
Bromodichloromethane		<1.0	ug/L	10/03/1992
Bromoform		<1.0	ug/L	10/03/1992
Bromomethane		<1.0	ug/L	10/03/1992
Carbon Tetrachloride		<1.0	ug/L	10/03/1992
Chlorobenzene		<1.0	ug/L	10/03/1992
Chloroethane		<1.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/03/1992
Chloroform		<1.0	ug/L	10/03/1992
Chloromethane		<1.0	ug/L	10/03/1992
Dibromochloromethane		<1.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/03/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16303

SAMPLE NO: 46882

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : FARM HOUSE-SHALLOW

Time Collected: 13:45

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/03/1992
1,2-Dichloroethane	<1.0	ug/L	10/03/1992
1,1-Dichloroethene	<1.0	ug/L	10/03/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/03/1992
1,2-Dichloropropane	<1.0	ug/L	10/03/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
Ethylbenzene	<1.0	ug/L	10/03/1992
Methylene Chloride	<1.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/03/1992
Tetrachloroethene	<1.0	ug/L	10/03/1992
Toluene	<1.0	ug/L	10/03/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/03/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/03/1992
Trichloroethene	<1.0	ug/L	10/03/1992
Trichlorofluoromethane	<1.0	ug/L	10/03/1992
Vinyl Chloride	<1.0	ug/L	10/03/1992





NATIONAL ENVIRONMENTAL TESTING, INC. 92.14303

NET Atlantic, Inc.
Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Formerly: NET Northeast, Inc.

SAMPLE CHARACTERIZATION/CHAIN OF CUSTODY INFORMATION

CLIENT Seneca Army Depot CLIENT # 82680
 CLIENT CONTACT _____ PHONE () _____
 P.O. # _____ LOG # 46882

SAMPLING:

SAMPLE ID: Farm House - Shallow LOCATION: LF
 SAMPLE TYPE: _____ SOIL WATER _____ OIL _____ SEDIMENT _____ WIPE
 OTHER _____
 COLLECTION METHOD: _____ 24HR COMPOSITE MANUAL GRAB _____ WIPE
 _____ FLOW COMPOSITE OTHER _____

COMPOSITE:

SET: DATE _____ TIME _____ BY _____
 PICKED UP: DATE _____ TIME _____ BY _____
 MANUAL GRAB: DATE 9-24-92 TIME 13:45 BY ARM
 FLOW: _____ UNITS: _____ GPM _____ GPD _____ MGD

PRESERVATION:

DATE 9-24-92 TIME 13:45 BY _____
 PRESERVATIVE: H₂SO₄ HNO₃ _____ NaOH HCl _____ Na₂S₂O₃
 COOLED TO 4 DEGREES CELSIUS _____ TEFLON LINER
 OTHER _____

CONTAINERS:

1/2g, 250, pint, 2qrts, 2viab

NOTES:

pH-7.17, Temp-17°C, Cond-1070, Clear, Redox-181.6

CUSTODY:

COLLECTED BY: Brian R. Milder DATE: 9-24-92
 DELIVERED BY: _____ DATE: _____ TIME: _____
 RECEIVED BY: Christine Miguel DATE: 9-25-92 TIME: 08:00
 LOGGED IN BY: _____ DATE: _____ TIME: _____



Job No: 92.16303

SAMPLE NO: 46883

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : FARM HOUSE-DEEP

Time Collected: 13:55

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	11.6	mg/L	10/06/1992
Conductivity		772.	umhos/cm	10/02/1992
Nitrate	AQ	<0.040	mg/L N	10/05/1992
pH		8.6	pH units	09/28/1992
Sulfate		36.2	mg/L	10/13/1992
Total Organic Carbon		<3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		<0.01	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/09/1992
Barium (Ba)	200 ICP AQ	0.484	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	0.232	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	<0.005	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	2.04	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/09/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	167.	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/03/1992
Bromodichloromethane		<1.0	ug/L	10/03/1992
Bromoform		<1.0	ug/L	10/03/1992
Bromomethane		<1.0	ug/L	10/03/1992
Carbon Tetrachloride		<1.0	ug/L	10/03/1992
Chlorobenzene		<1.0	ug/L	10/03/1992
Chloroethane		<1.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/03/1992
Chloroform		<1.0	ug/L	10/03/1992
Chloromethane		<1.0	ug/L	10/03/1992
Dibromochloromethane		<1.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/03/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16303

SAMPLE NO: 46883

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : FARM HOUSE-DEEP

Time Collected: 13:55

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/03/1992
1,2-Dichloroethane	<1.0	ug/L	10/03/1992
1,1-Dichloroethene	<1.0	ug/L	10/03/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/03/1992
1,2-Dichloropropane	<1.0	ug/L	10/03/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
Ethylbenzene	<1.0	ug/L	10/03/1992
Methylene Chloride	<1.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/03/1992
Tetrachloroethene	<1.0	ug/L	10/03/1992
Toluene	<1.0	ug/L	10/03/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/03/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/03/1992
Trichloroethene	<1.0	ug/L	10/03/1992
Trichlorofluoromethane	<1.0	ug/L	10/03/1992
Vinyl Chloride	<1.0	ug/L	10/03/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

92.16303

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Fax: (315) 449-1611

Formerly: NET Northeast, Inc.

SAMPLE CHARACTERIZATION/CHAIN OF CUSTODY INFORMATION

CLIENT Seneca Army Depot CLIENT # 82680
 CLIENT CONTACT _____ PHONE () _____
 P.O. # _____ LOG # 46883

SAMPLING:

SAMPLE ID: Farm House - Deep LOCATION: LF
 SAMPLE TYPE: _____ SOIL WATER _____ OIL _____ SEDIMENT _____ WIPE
 OTHER _____
 COLLECTION METHOD: _____ 24HR COMPOSITE MANUAL GRAB _____ WIPE
 _____ FLOW COMPOSITE _____ OTHER _____

COMPOSITE:

SET: DATE _____ TIME _____ BY _____
 PICKED UP: DATE _____ TIME _____ BY _____
 MANUAL GRAB: DATE 9-24-92 TIME 13:55 BY BRM
 FLOW: _____ UNITS: _____ GPM _____ GPD _____ MGD

PRESERVATION:

DATE 9-24-92 TIME 13:55 BY _____
 PRESERVATIVE: H₂SO₄ HNO₃ _____ NaOH HCl _____ Na₂S₂O₃
 COOLED TO 4 DEGREES CELSIUS _____ TEFLON LINER
 OTHER _____

CONTAINERS:

1/2g, 250ml, pint, 2 qrts, 2 vials

NOTES:

pH-8.26, Temp-15°C, cond-845, Clear, Redox=-26.1

CUSTODY:

COLLECTED BY: Brian R. Miller DATE: 9-24-92
 DELIVERED BY: _____ DATE: _____ TIME: _____
 RECEIVED BY: Christine Miguel DATE: 9-25-92 TIME: 08:00
 LOGGED IN BY: _____ DATE: _____ TIME: _____



Job No: 92.16303

SAMPLE NO: 46884

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : BARN WELL

Time Collected: 14:10

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Chloride	AQ	<1.0	mg/L	10/06/1992
Conductivity		457.	umhos/cm	10/02/1992
Nitrate	AQ	<0.040	mg/L N	10/05/1992
pH		7.8	pH units	09/28/1992
Sulfate		52.1	mg/L	10/13/1992
Total Organic Carbon		3.0	mg/L	10/07/1992
Total Organic Halogen-TOX		0.02	mg/L	10/07/1992
Arsenic (As)	200 GFAA AQ	<0.020	mg/L	10/09/1992
Barium (Ba)	200 ICP AQ	0.041	mg/L	10/08/1992
Cadmium (Cd)	200 ICP AQ	<0.010	mg/L	10/08/1992
Chromium (Cr)	200 ICP AQ	<0.030	mg/L	10/08/1992
Iron (Fe)	200 ICP AQ	0.272	mg/L	10/08/1992
Lead (Pb)	200 GFAA AQ	<0.005	mg/L	10/07/1992
Mercury (Hg)	200 CVAA AQ	<0.001	mg/L	10/09/1992
Potassium (K)	200 ICP AQ	7.80	mg/L	10/08/1992
Selenium (Se)	200 GFAA AQ	<0.005	mg/L	10/09/1992
Silver (Ag)	200 ICP AQ	<0.020	mg/L	10/08/1992
Sodium (Na)	200 ICP AQ	2.89	mg/L	10/08/1992
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	10/03/1992
Bromodichloromethane		<1.0	ug/L	10/03/1992
Bromoform		<1.0	ug/L	10/03/1992
Bromomethane		<1.0	ug/L	10/03/1992
Carbon Tetrachloride		<1.0	ug/L	10/03/1992
Chlorobenzene		<1.0	ug/L	10/03/1992
Chloroethane		<1.0	ug/L	10/03/1992
2-Chloroethylvinyl ether		<1.0	ug/L	10/03/1992
Chloroform		<1.0	ug/L	10/03/1992
Chloromethane		<1.0	ug/L	10/03/1992
Dibromochloromethane		<1.0	ug/L	10/03/1992
1,2-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,3-Dichlorobenzene		<1.0	ug/L	10/03/1992
1,4-Dichlorobenzene		<1.0	ug/L	10/03/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Job No: 92.16303

SAMPLE NO: 46884

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : BARN WELL

Time Collected: 14:10

PARAMETER	RESULTS	UNITS	DATE ANALYZED
1,1-Dichloroethane	<1.0	ug/L	10/03/1992
1,2-Dichloroethane	<1.0	ug/L	10/03/1992
1,1-Dichloroethene	<1.0	ug/L	10/03/1992
trans-1,2-Dichloroethene	<1.0	ug/L	10/03/1992
1,2-Dichloropropane	<1.0	ug/L	10/03/1992
cis-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
trans-1,3-Dichloropropene	<1.0	ug/L	10/03/1992
Ethylbenzene	<1.0	ug/L	10/03/1992
Methylene Chloride	<1.0	ug/L	10/03/1992
1,1,2,2-Tetrachloroethane	<1.0	ug/L	10/03/1992
Tetrachloroethene	<1.0	ug/L	10/03/1992
Toluene	<1.0	ug/L	10/03/1992
1,1,1-Trichloroethane	<1.0	ug/L	10/03/1992
1,1,2-Trichloroethane	<1.0	ug/L	10/03/1992
Trichloroethene	<1.0	ug/L	10/03/1992
Trichlorofluoromethane	<1.0	ug/L	10/03/1992
Vinyl Chloride	<1.0	ug/L	10/03/1992





NATIONAL ENVIRONMENTAL TESTING, INC. 92.16303

NET Atlantic, Inc.
Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Formerly: NET Northeast, Inc.

SAMPLE CHARACTERIZATION/CHAIN OF CUSTODY INFORMATION

CLIENT Seneca Army Depot CLIENT # 82680
 CLIENT CONTACT _____ PHONE () _____
 P.O. # _____ LOG # 46884

SAMPLING:

SAMPLE ID: Barn Well LOCATION: LF
 SAMPLE TYPE: _____ SOIL WATER _____ OIL _____ SEDIMENT _____ WIPE
 OTHER _____
 COLLECTION METHOD: _____ 24HR COMPOSITE MANUAL GRAB _____ WIPE
 _____ FLOW COMPOSITE OTHER _____
 COMPOSITE:
 SET: DATE _____ TIME _____ BY _____
 PICKED UP: DATE _____ TIME _____ BY _____
 MANUAL GRAB: DATE 9-24-92 TIME 14:10 BY BRM
 FLOW: _____ UNITS: _____ GPM _____ GPD _____ MGD

PRESERVATION:

DATE 9-24-92 TIME _____ BY _____
 PRESERVATIVE: H₂SO₄ HNO₃ _____ NaOH HCl _____ Na₂S₂O₃
 COOLED TO 4 DEGREES CELSIUS _____ TEFLON LINER
 OTHER _____

CONTAINERS:

1/2g, 250, pint, 2 qrts, 2 vials

NOTES:

pH-7.39, Temp-16°C, Cond-520, Lt. Brown, Redox-192.8

CUSTODY:

COLLECTED BY: Brian R. Miller DATE: 9-24-92
 DELIVERED BY: _____ DATE: _____ TIME: _____
 RECEIVED BY: Christine Miguel DATE: 9-25-92 TIME: 08:00
 LOGGED IN BY: _____ DATE: _____ TIME: _____



Job No: 92.16303

SAMPLE NO: 46885

LABORATORY ANALYSIS REPORT

Date Received : 09/25/1992

Date Collected: 09/24/1992

LOCATION : TRIP BLANK

Time Collected: 08:00

PARAMETER		RESULTS	UNITS	DATE ANALYZED
Volatiles by GC/MS 624	AQ			
Benzene		<1.0	ug/L	09/29/1992
Bromodichloromethane		<1.0	ug/L	09/29/1992
Bromoform		<1.0	ug/L	09/29/1992
Bromomethane		<1.0	ug/L	09/29/1992
Carbon Tetrachloride		<1.0	ug/L	09/29/1992
Chlorobenzene		<1.0	ug/L	09/29/1992
Chloroethane		<1.0	ug/L	09/29/1992
2-Chloroethylvinyl ether		<1.0	ug/L	09/29/1992
Chloroform		<1.0	ug/L	09/29/1992
Chloromethane		<1.0	ug/L	09/29/1992
Dibromochloromethane		<1.0	ug/L	09/29/1992
1,2-Dichlorobenzene		<1.0	ug/L	09/29/1992
1,3-Dichlorobenzene		<1.0	ug/L	09/29/1992
1,4-Dichlorobenzene		<1.0	ug/L	09/29/1992
1,1-Dichloroethane		<1.0	ug/L	09/29/1992
1,2-Dichloroethane		<1.0	ug/L	09/29/1992
1,1-Dichloroethene		<1.0	ug/L	09/29/1992
trans-1,2-Dichloroethene		<1.0	ug/L	09/29/1992
1,2-Dichloropropane		<1.0	ug/L	09/29/1992
cis-1,3-Dichloropropene		<1.0	ug/L	09/29/1992
trans-1,3-Dichloropropene		<1.0	ug/L	09/29/1992
Ethylbenzene		<1.0	ug/L	09/29/1992
Methylene Chloride		<1.0	ug/L	09/29/1992
1,1,2,2-Tetrachloroethane		<1.0	ug/L	09/29/1992
Tetrachloroethene		<1.0	ug/L	09/29/1992
Toluene		<1.0	ug/L	09/29/1992
1,1,1-Trichloroethane		<1.0	ug/L	09/29/1992
1,1,2-Trichloroethane		<1.0	ug/L	09/29/1992
Trichloroethene		<1.0	ug/L	09/29/1992
Trichlorofluoromethane		<1.0	ug/L	09/29/1992
Vinyl Chloride		<1.0	ug/L	09/29/1992





NATIONAL ENVIRONMENTAL TESTING, INC.

92.16303

NET Atlantic, Inc.
Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
Tel: (315) 446-8795
Fax: (315) 449-1611

Formerly: NET Northeast, Inc.

SAMPLE CHARACTERIZATION/CHAIN OF CUSTODY INFORMATION

CLIENT Seneca Army Depot CLIENT # 82680
 CLIENT CONTACT _____ PHONE () _____
 P.O. # _____ LOG # 46885

SAMPLING:
 SAMPLE ID: Trip LOCATION: LF
 SAMPLE TYPE: _____ SOIL _____ WATER _____ OIL _____ SEDIMENT _____ WIPE
 OTHER _____
 COLLECTION METHOD: _____ 24HR COMPOSITE _____ MANUAL GRAB _____ WIPE
 _____ FLOW COMPOSITE _____ OTHER _____
COMPOSITE:
 SET: DATE _____ TIME _____ BY _____
 PICKED UP: DATE _____ TIME _____ BY _____
 MANUAL GRAB: DATE 9-24-92 TIME 08:00 BY ARM
 FLOW: _____ UNITS: _____ GPM _____ GPD _____ MGD

PRESERVATION:
 DATE 9-24-92 TIME _____ BY _____
 PRESERVATIVE: _____ H₂SO₄ _____ HNO₃ _____ NaOH _____ HCl _____ Na₂S₂O₃
 COOLED TO 4 DEGREES CELSIUS _____ TEFLON LINER
 OTHER _____

CONTAINERS:
2 vials

NOTES:

CUSTODY:
 COLLECTED BY: Brian R. Mhler DATE: _____
 DELIVERED BY: _____ DATE: _____ TIME: _____
 RECEIVED BY: Christine Miguel DATE: 9-25-92 TIME: 08:00
 LOGGED IN BY: _____ DATE: _____ TIME: _____