



DEPARTMENT OF THE ARMY
U. S. ARMY ENVIRONMENTAL HYGIENE AGENCY
ABERDEEN PROVING GROUND, MARYLAND 21010-5422



REPLY TO
ATTENTION OF

12 FEB 1990

452-27

HSHB-ME-SG (40)

MEMORANDUM FOR COMMANDER, U.S. Army Material Command, ATTN:
AMCSG, 5001 Eisenhower Avenue, Alexandria,
VA 22333-0001

SUBJECT: Geohydrologic Study No. 38-26-K928-90, Installation of
Ground-water Monitoring Wells at Old Landfill/Incinerator Ash Pit
Area, Seneca Army Depot, Romulus, New York, 13-18 November 1989

1. REFERENCE. Memorandum, USAEHA, HSHB-ME-SG, 25 April 1988,
subject: Geohydrologic Study No. 38-26-0313-88, Seneca Army
Depot, Romulus, New York, 13-21 October 1987.

2. AUTHORITY. USAEHA Form 250-R, AMC, 18 October 1989.

3. PURPOSE. This study was conducted to install ground-water
monitoring wells in the area of the Old Landfill/Incinerator Ash
pits in order to obtain data on the water table elevations and
chemical quality of the ground water. This information was
deemed necessary so that optimum results can be obtained by the
remediation planned in the area for January 1990.

4. GENERAL.

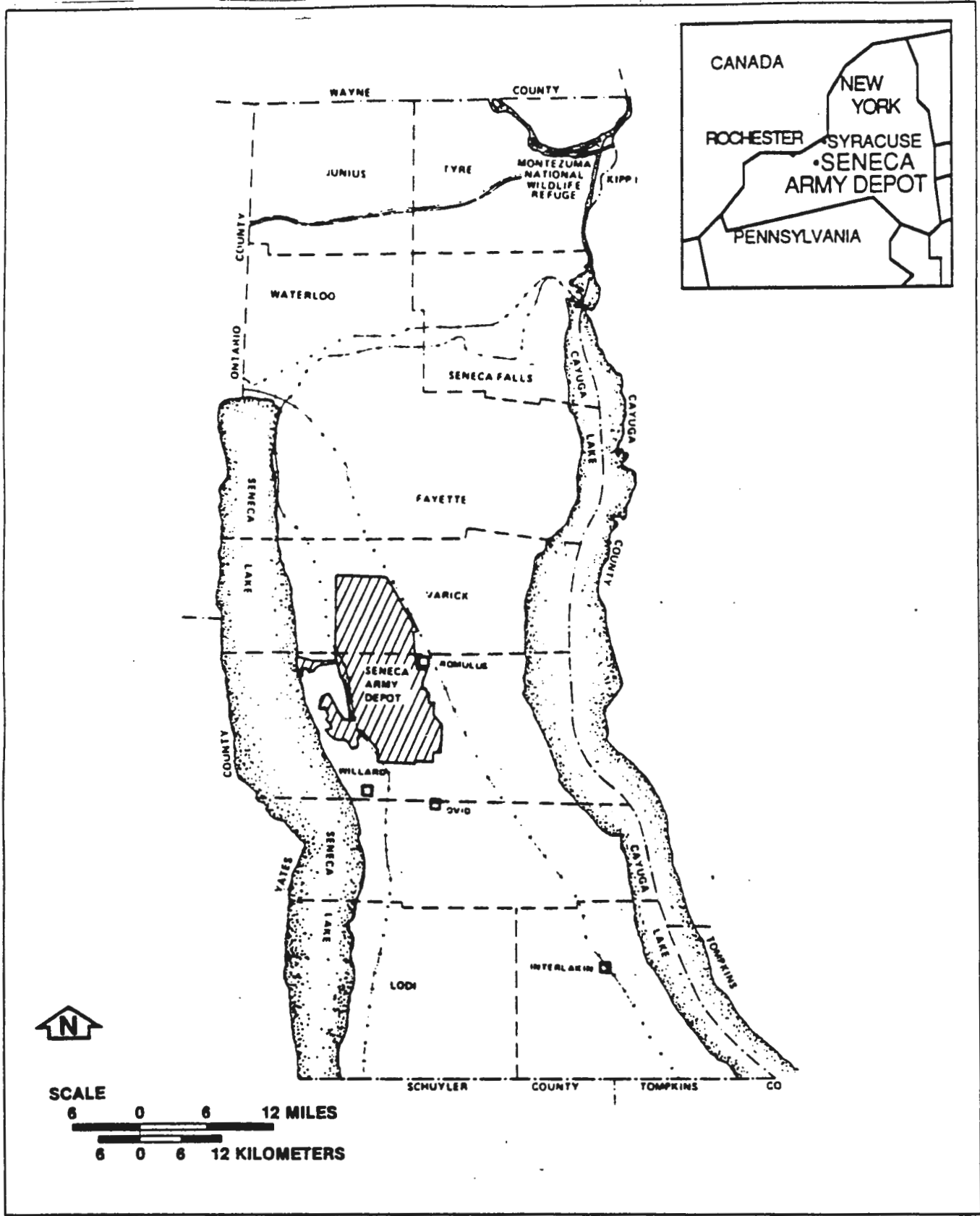
a. Location.

(1) Seneca Army Depot (SEAD) is in the Finger Lakes
Region of central New York (Figure 1). It is on the west side of
the highlands separating Seneca Lake and Cayuga Lake.

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protection of privileged information evaluating another
command; Feb 90. Requests for this document must be
referred to Commander, Seneca Army Depot, Romulus, NY
14541-5000.

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**FIGURE 1 GENERAL LOCATION MAP
 SENECA ARMY DEPOT**

HSHB-ME-SG

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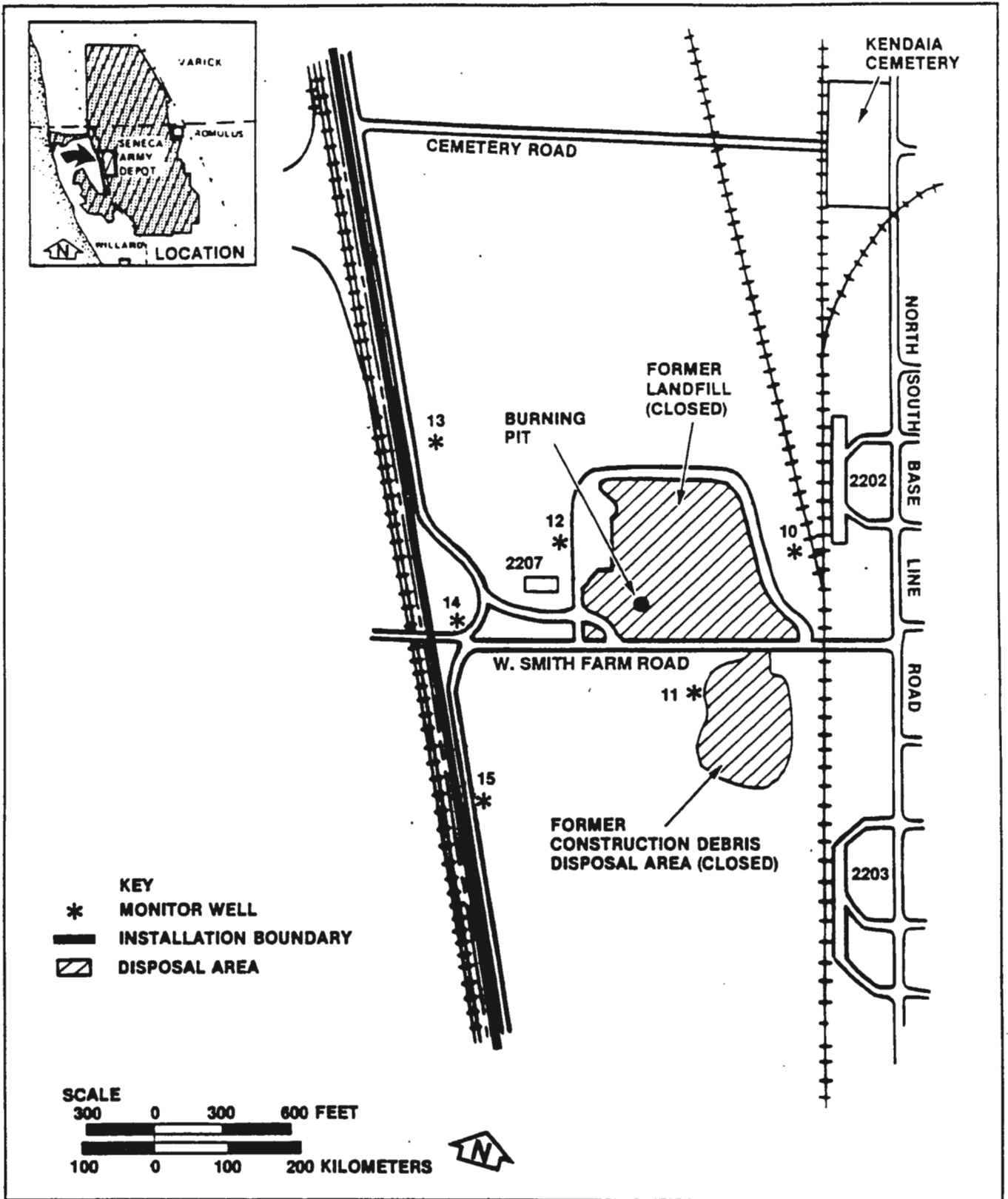
(2) The study area is located midway up the western edge of SEAD (Figure 2). From 1941 to 1974, uncontaminated trash was burned in a series of burn pits located to the north of the existing incinerator building (Building 2207). Between 1974 and 1977, materials intended for disposal were transported to the incinerator. Ash and other residues from the incinerator were temporarily stored in an earthen pit on the northeast corner of the facility. When the pit was filled, the ashes and residues were removed and buried in the adjacent landfill. The incinerator was destroyed by fire in 1977, and the landfill has subsequently been closed and capped.

b. Background.

(1) Construction of SEAD began in July 1941. Later expansion included the airstrip from the former Sampson Air Force Base. Civilian employment peaked in 1943 at 2,500 and reached its low in 1946 at 600. Military employment is approximately 300 to 400. Present civilian employment is near 700. In August 1963, Seneca Ordnance Depot was transferred from the Chief of Ordnance to the U.S. Army Supply and Maintenance Command and renamed Seneca Army Depot. On 1 July 1966, SEAD was reassigned to AMC. On 1 September 1976, DESCOM was activated with command and control over all AMC depots.

(2) Due to the possibility of leachate entering the ground water from the closed landfill, five monitoring wells were installed in 1976 to assess ground-water quality. In the spring of 1987, through USAEHA's Ground Water Surveillance Program, a breakthrough of solvents in the ground water was identified. In October 1987, USAEHA installed an additional nine ground-water monitoring wells in the area to define the plume of contamination (reference). Hunter/ESE has been contracted by the U.S. Army Corps of Engineers (USACE) to perform a supplemental remedial investigation/feasibility study (RI/FS) at the incinerator ash landfill facility. The study is on-going and has as its purpose to supplement the existing data base, determine the magnitude of the environmental contamination, and define appropriate remedial actions.

(3) SEAD has requested the implementation of a proposed interim remedial measure to control the migration of the contaminant plume while the more detailed RI/FS is being



**FIGURE 2 SITE LOCATION MAP
OLD LANDFILL/INCINERATOR ASH PIT AREA**

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performed to delineate the full extent of contamination, its source, and possible methods of treatment. Hunter/ESE under contract to USACE has prepared a work plan to design and perform a treatability study for the area. It was during the preparation of the work plan for the interim remedial measure (a ground-water treatment trench) that SEAD identified a need for additional ground-water monitoring wells in order that the location of the trench be maximized, so as to intercept the contaminated ground water. The correct location of the trench is critical to the interim remedial measure's effectiveness. The installation of the trench was scheduled to commence in January 1990.

c. Regional Hydrogeology. See paragraph 3.d.(3) of the reference for discussion of the hydrogeology.

5. FINDINGS AND DISCUSSION.

a. Ground-water Monitoring Wells.

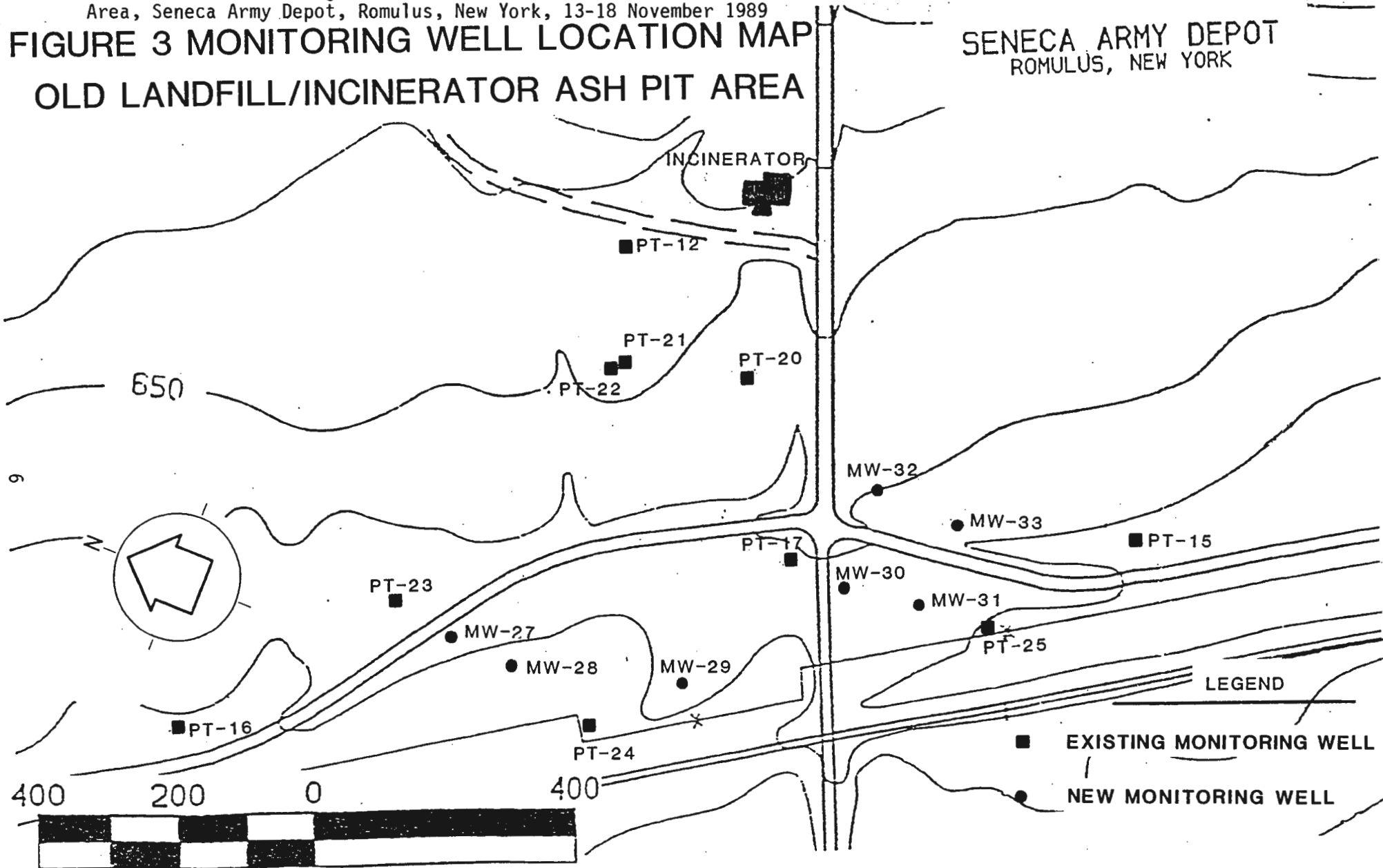
(1) Seven additional monitoring wells were installed during this study and are designated MW-27 through MW-33. The locations of the wells are shown on Figure 3. The monitoring wells were installed using a Mobile B-80 mounted on a Ford L9000 truck. Drilling was conducted using a 6-inch hollow stem auger. Each well was constructed by first augering a 6-inch diameter vertical hole and then inserting a 2-inch inside diameter, Schedule 40, PVC screen (0.010-inch slot size) and solid Schedule 40, PVC casing into the hole. A sand pack consisting of medium grained silica sand was then placed into the annulus to a point above the top of the screen. The depth and length of screen for each well is given in Enclosure 1, Ground-water Monitoring Well Summary. The different soil types encountered while drilling the wells can be found in the Drilling Logs, Enclosure 2. After the screen, casing, and sand pack were in place, a bentonite seal, using 1/2- to 1/4-inch diameter pellets was emplaced in the annulus, on top of the sand pack extending to the ground surface. The annulus was filled with bentonite to preclude any frost heave problems. A protective steel casing was then set around the PVC casing; the steel casing has a hinged lockable top. See Figure 4 for a generalized description of the construction of the wells; detailed construction information can be found in Enclosure 1.

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FIGURE 3 MONITORING WELL LOCATION MAP OLD LANDFILL/INCINERATOR ASH PIT AREA

SENECA ARMY DEPOT
ROMULUS, NEW YORK



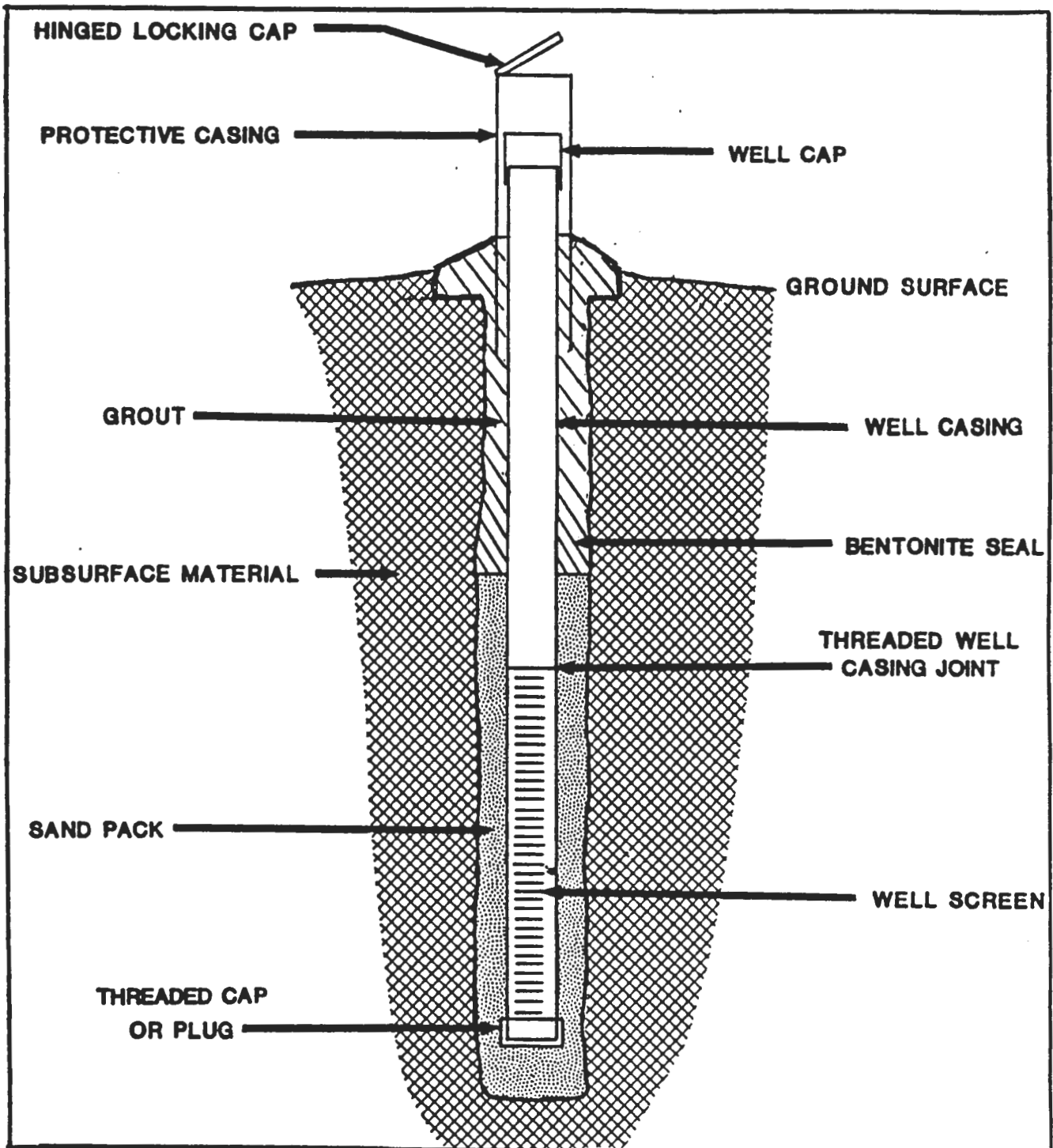


FIGURE 4
Generalized Monitoring Well Construction

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(2) The top of the PVC casing elevations were established for each well by the members of this study team, using a reference elevation of 639.45 feet for PT-17. The elevations of the wells can be found in Enclosure 1.

(3) Care was taken during the drilling of the wells to preclude any cross contamination from well to well. The auger used to drill a monitoring well was not used again in the drilling of a subsequent well unless it was thoroughly cleaned with potable water.

(4) All the wells were developed by bailing until some degree of clarity was achieved. Bailing was accomplished using a stainless steel bailer, which was cleaned between wells.

b. Water Table Elevations.

(1) Measurements of the depth to the water table from the top of the PVC casing were made during this study, using an electric dropline type water level indicator, and were measured to the nearest 1/100 of a foot. The elevation data can be found in Enclosure 1.

(2) The elevations were plotted on a map, and a ground-water table contour map was developed (Figure 5). The water table in the area has an overall flow direction towards the southwest.

c. Ground-water Sampling and Analysis. Sampling and analysis of the ground-water monitoring wells was to be conducted by SEAD, under contract to a local laboratory, at a future date.

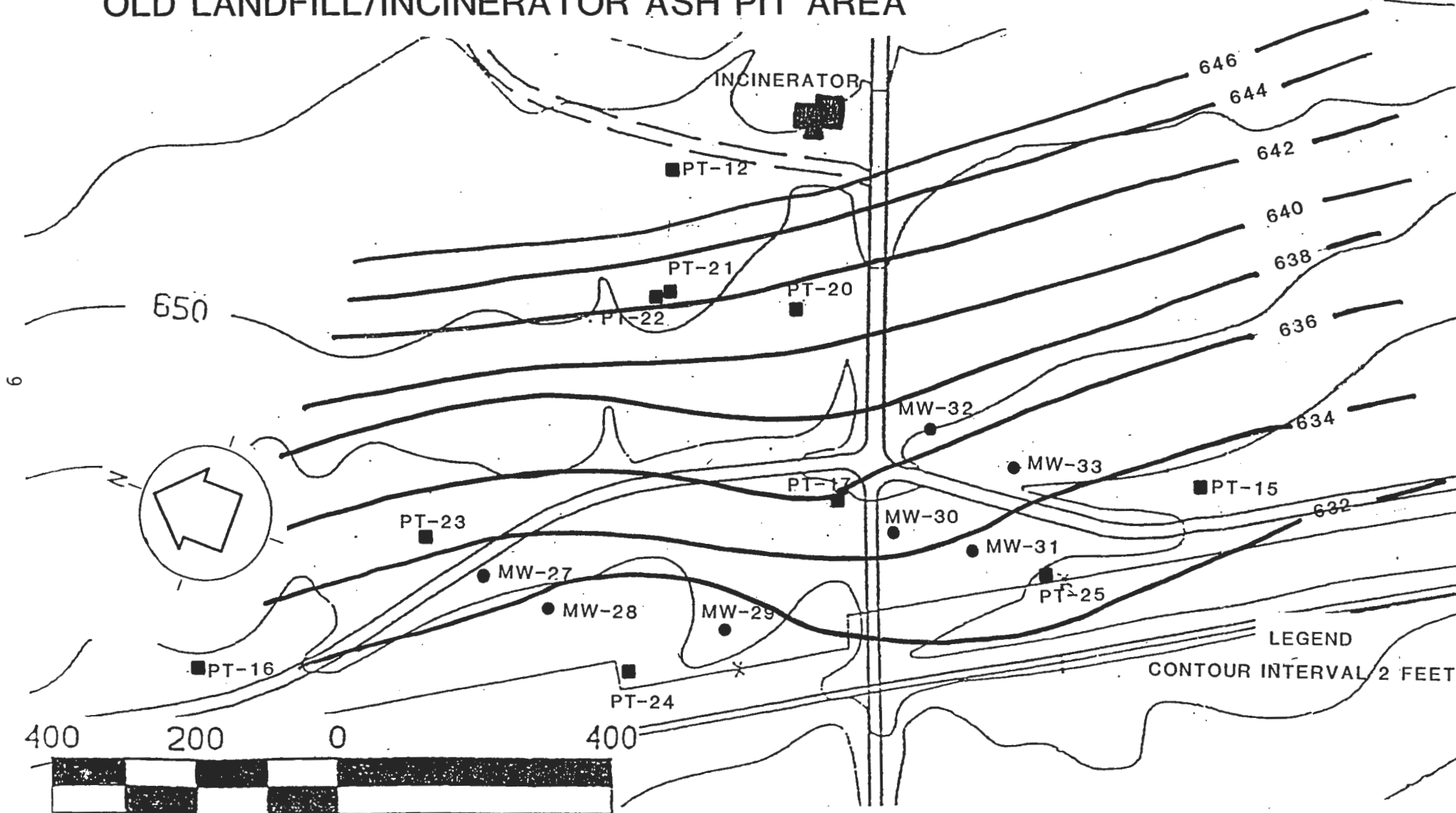
6. CONCLUSIONS. None.

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FIGURE 5 GROUND-WATER TABLE CONTOUR MAP
OLD LANDFILL/INCINERATOR ASH PIT AREA

SENECA ARMY DEPOT
ROMULUS, NEW YORK



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7. RECOMMENDATIONS. Sample and analyze the ground-water monitoring wells in the area in order to properly locate the ground-water remediation trench at this site.

FOR THE COMMANDER:



PAUL R. THIES
LTC, MS
Chief, Waste Disposal Engineering
Division

2 Encls

CF:

HQDA(SGPS-PSP) (wo/encl)
HQDA(ENVR-E) (w/encl)
DA, USAEHSC, ATTN: CEHSC-F (w/encl)
Cdr, HSC, ATTN: HSCL-P (w/encl)
Cdr, DESCOM, ATTN: AMSDS-T (w/encl)
Cdr, SEAD ATTN: SDSSE-FE (w/encl)
Cdr, MEDDAC, Ft Devens, ATTN: PVNTMED Svc (2cy) (w/encl)
Cdr, WRAMC, ATTN: PVNTMED Svc (w/encl)
Cdr, USATHAMA, ATTN: CETHA-TE-E/CETHA-RM-IM(TIC) (w/encl)
Cdr, USAEHA-N (w/encl)

U.S. ARMY ENVIRONMENTAL HYGIENE AGENCY
GROUND-WATER MONITORING WELL SUMMARY

PROJECT Seneca Army Depot 38-26-K928-90

DATE November 1989

WELL NUMBER	MW - 27	MW - 28	MW - 29	MW - 30	MW - 31
1. Height of Monitoring Well Casing above ground level	2.0'	1.9'	1.4'	3.0'	0.8'
2. Total Depth of Well below ground level	8.0'	8.1'	8.6'	7.0'	9.2'
3. Depth to Top of Well Screen below ground level	3.0'	3.1'	3.6'	2.0'	4.2'
4. Well Screen Length	5.0'	5.0'	5.0'	5.0'	5.0'
5. Well Screen Slot Size	0.010"	0.010"	0.010"	0.010"	0.010"
6. Well Diameter	2.0"	2.0"	2.0"	2.0"	2.0"
7. Monitoring Well Casing Material	PVC	PVC	PVC	PVC	PVC
8. Monitoring Well Screen Material	PVC	PVC	PVC	PVC	PVC
9. Grout Thickness below ground level	ALL WELLS GROUTED TO SURFACE WITH BENTONITE:				
10. Depth to Top of Bentonite Seal below ground level	0	0	0	0	0
11. Bentonite Seal Thickness	3.0'	3.1'	3.6'	2.0'	4.2'
12. Depth to Top of Sand Pack	3.0'	3.1'	3.6'	2.0'	4.2'
13. Depth to Static Water Level from top of monitoring well casing	5.0'	4.65'	6.1'	4.2'	2.7'
Date Measured	17 Nov 89	17 Nov 89	17 Nov 89	17 Nov 89	17 Nov 89
14. Depth to Static Water from ground level					
Date Measured					
15. Elevation at ground level					
16. Elevation - Top of monitoring well casing	638.38	636.46	636.42	639.41	635.88
17. Ground-water elevation	633.38	631.81	630.32	635.21	633.18
Date Measured	17 Nov 89	17 Nov 89	17 Nov 89	17 Nov 89	17 Nov 89
Comments					

U.S. ARMY ENVIRONMENTAL HYGIENE AGENCY
GROUND-WATER MONITORING WELL SUMMARY

PROJECT Seneca Army Depot 38-26-K928-90

DATE November 1989

WELL NUMBER	MW - 32	MW - 33			
1. Height of Monitoring Well Casing above ground level	1.3'	1.5'			
2. Total Depth of Well below ground level	8.7'	8.5'			
3. Depth to Top of Well Screen below ground level	3.7'	3.5'			
4. Well Screen Length	5.0'	5.0'			
5. Well Screen Slot Size	0.010"	0.010"			
6. Well Diameter	2.0"	2.0"			
7. Monitoring Well Casing Material	PVC	PVC			
8. Monitoring Well Screen Material	PVC	PVC			
9. Grout Thickness below ground level	ALL WELLS GROUTED TO SURFACE WITH BENTONITE				
10. Depth to Top of Bentonite Seal below ground level	0	0			
11. Bentonite Seal Thickness	3.7'	3.5'			
12. Depth to Top of Sand Pack	3.7'	3.5'			
13. Depth to Static Water Level from top of monitoring well casing	3.8'	3.5'			
Date Measured	17 Nov 89	17 Nov 89			
14. Depth to Static Water from ground level					
Date Measured					
15. Elevation at ground level					
16. Elevation - Top of monitoring well casing	640.92	638.68			
17. Ground-water elevation	637.12	635.18			
Date Measured	17 Nov 89	17 Nov 89			
Comments					

US ARMY ENVIRONMENTAL HYGIENE AGENCY

DRILLING LOG

(The proponent of this form is HSHB-ES)

PROJECT Seneca Army Depot DATE 14 November 1989
 LOCATION 86.5 feet SW from PT-23 DRILLERS D. Kestner, S. Curran
110.5 feet from MW-28
 DRILL RIG Mobile B-80 with 6-inch BORE HOLE MW- 27
hollow stem auger

DEPTH	SAMPLE TYPE	DESCRIPTION	REMARKS
	BLOWS PER 6 IN.		
0		Dark brown silty clay	
1		Weathered gray shale	
5			
8		BOH Gray shale	
10			

US ARMY ENVIRONMENTAL HYGIENE AGENCY

DRILLING LOG

(The proponent of this form is HSHD-ES)

PROJECT Seneca Army Depot

DATE 14 November 1989

LOCATION 81 feet from fence line
110.5 feet from MW-27

DRILLERS D. Kestner, S. Curran

DRILL RIG Mobile B-80 with 6-inch hollow stem auger

BORE HOLE MW- 28

DEPTH	SAMPLE TYPE	DESCRIPTION	REMARKS
	BLOWS PER 6 IN.		
0		Dark brown silty clay	
1		Weathered gray shale	
5			
8		BOH gray shale	
10			

US ARMY ENVIRONMENTAL HYGIENE AGENCY

DRILLING LOG

(The proponent of this form is HSHB-ES)

PROJECT Seneca Army Depot DATE 14 November 1989
 LOCATION 167 feet from PT-24 58' feet DRILLERS D. Kestner, S. Curran
from fence
 DRILL RIG Mobile B-80 with 6-inch BORE HOLE MW-29
hollow stem auger

DEPTH	SAMPLE TYPE	DESCRIPTION	REMARKS
	BLOWS PER 6 IN		
0		Dark brown silty clay	
1		Weathered gray shale	
5			
9		BOH	
10		Gray shale	

US ARMY ENVIRONMENTAL HYGIENE AGENCY

DRILLING LOG

(The proponent of this form is HSHD-ES)

PROJECT Seneca Army Depot DATE 14 November 1989
 LOCATION 29 feet from G₁ Road 85.5 feet DRILLERS D. Kestner, S. Curran
feet from PT-17
 DRILL RIG Mobile B-80 with 6-inch BORE HOLE MW- 30
hollow stem auger

DEPTH	SAMPLE TYPE	DESCRIPTION	REMARKS
	BLOWS PER 6 IN.		
0		Dark brown silty clay	
1		Weathered gray shale	
5			
7		BOH Gray shale	
10			

US ARMY ENVIRONMENTAL HYGIENE AGENCY

DRILLING LOG

(The proponent of this form is HSHB-ES)

PROJECT Seneca Army Depot DATE 14 November 1989
 LOCATION 58.5 feet from fence DRILLERS D. Kestner, S. Curran
114.5 feet from MW-30
 DRILL RIG Mobile B-80 with 6-inch BORE HOLE MW- 31
hollow stem auger

DEPTH	SAMPLE TYPE	DESCRIPTION	REMARKS
	BLOWS PER 6 IN.		
0		Dark brown silty clay	
1			
2		Weathered gray shale	
5			
8			
9		BOH	
10		Gray shale	

US ARMY ENVIRONMENTAL HYGIENE AGENCY

DRILLING LOG

(The proponent of this form is HSHB-ES)

PROJECT Seneca Army Depot DATE 14 November 1989
 LOCATION 86 feet from E of intersection DRILLERS D. Kestner, S. Curran
148 feet from MW-30, 154 from PT-17
 DRILL RIG Mobile B-80 with 6-inch BORE HOLE MW- 32
hollow stem auger

DEPTH	SAMPLE TYPE	DESCRIPTION	REMARKS
	BLOWS PER 6 IN.		
0		Dark brown silty clay	
1		Weathered gray shale	
5			
8			
9		BOH	
10		Gray shale	

US ARMY ENVIRONMENTAL HYGIENE AGENCY

DRILLING LOG

(The proponent of this form is HSHD-ES)

PROJECT Seneca Army Depot

DATE 14 November 1989

LOCATION 49 feet from \bar{C} of road,

DRILLERS D. Kestner, S. Curran

128 from MW-31, 158 feet from PT-25

DRILL RIG Mobile B-80 with 6-inch hollow stem auger

BORE HOLE MW- 33

DEPTH	SAMPLE TYPE	DESCRIPTION	REMARKS
	BLOWS PER 6 IN.		
0		Dark gray shale	
1		Weathered gray shale	
5			
8		BOH	
10		Gray shale	





NATIONAL ENVIRONMENTAL TESTING, INC.

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

*Rec'd
5 Jun 90*

Formerly: NET Northeast, Inc.

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: Apr 24 1990

Attention: COMMANDER

SAMPLE #6899

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 04/02/90
JOB #	: 179.005.00	DATE COLLECTED	: 04/02/90
LOCATION	: MW-27	TIME COLLECTED	: 1130
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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SAMPLE #6899

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	5.0	ug/l
1,2-DICHLOROPROPANE	5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	2.0	ug/l
TRICHLOROETHYLENE	5.0	ug/l
DIBROMOCHLOROMETHANE	5.0	ug/l
CIS-1,3-DICHLOROPROPENE	2.0	ug/l
1,1,2-TRICHLOROETHANE	5.0	ug/l
BENZENE	5.0	ug/l
2-CHLOROETHYLVINYL ETHER	5.0	ug/l
BROMOFORM	5.0	ug/l
TETRACHLOROETHYLENE	5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	5.0	ug/l
TOLUENE	5.0	ug/l
1,2 DICHLOROBENZENE	5.0	ug/l
1,3 DICHLOROBENZENE	5.0	ug/l
1,4 DICHLOROBENZENE	5.0	ug/l
TRICHLOROFLUOROMETHANE	5.0	ug/l

NET warrants that any sampling and analyses 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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad T. J. J.

DATE: APR 24 1990

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6899 JOB NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO. MLW-27
 LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 4-2-90
 WELL DEPTH 10.5'
 DEPTH TO WATER 5.2'
 WELL VOLUME .84
 METHOD Manual
 NO. OF VOLUMES 4
 TOTAL VOLUME 4 gal

ITEM	START	FINISH
TIME		1130
DN	6	6.81
TEMP.	6°C	6°C
DEPTH	5.2'	-
COLOR	clear	DK 64
APPEAR	High Turb	

SAMPLING

DATE 4-2-90
 WELLS 1130
 METHOD PVC Bailor
 CONTAINER 2/vials
 SAMPLED BY R. Rodman, B. Mitlet

DN 6.81
 TEMP 6°C
 COLOR DK 64
 APPEAR High Turb
 EN -
 Cond- 470

PRESERVATION

DATE 4-2-90
 FILTERED YES NO TIME _____ BY _____
 PRESERVED YES NO TIME 1130 BY RR, B.M.
 PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄ + CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

CUSTODY

BAILOR'S SIGNATURE Ron J Rodman
 TRANSFERRED TO #1 _____
 RECEIVED BY [Signature] DATE 4/2/90 TIME _____
 #2 _____
 RECEIVED BY _____ DATE _____ TIME _____

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Handwritten scribbles on the left side of the bottom section.

Handwritten text in the bottom section.



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5854 Butternut Drive
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To: SENECA ARMY DEPOT
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ROMULUS, NY 14541

Date: Apr 24 1990

Attention: COMMANDER

SAMPLE #6900

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 04/02/90
JOB #	: 179.005.00	DATE COLLECTED	: 04/02/90
LOCATION	: MW-28	TIME COLLECTED	: 1135
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	37.	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYLVINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

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NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel, Jr. DATE: APR 24 1990



SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6900 JOB NO. 179,005.00

SOURCE

CLIENT Seneca Army Depot WELL NO. MW-28
LOCATION landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 4-2-90
WELL DEPTH 10.5'
DEPTH TO WATER 4.9'
WELL VOLUME .89
METHOD Manual
NO. OF VOLUMES 4
TOTAL VOLUME 4 gal

ITEM	START	FINISH
TIME		1135
pH	6	6.90
TEMP.	7°C	7°C
DEPTH	4.9'	-
COLOR	Clear	DK 6Y
APPEAR.	High Turb	

SAMPLING

DATE 4-2-90
TIME 1135
METHOD PVC Bailor
CONTAINER 2 vials
SAMPLED BY Ri Rodman, B. Mikler

pH 6.90
TEMP 7°C
COLOR DK 6Y
APPEAR High Turb
COND. 360

PRESERVATION

DATE 4-2-90
FILTERED YES NO
PRESERVED YES NO
PRESERVATIVE H₂SO₄ HNO₃ NaOH COOLED TO 4°C OTHER HCl

BY R.R., B.M.
 H₃PO₄·CaSO₄ Ba(C₂H₃O₂)₂

CUSTODY

OPERATOR'S SIGNATURE Ri Rodman
TRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 4/2/90 TIME _____
#2 _____
RECEIVED BY _____ DATE _____ TIME _____

1954
12 17

RECEIVED BY
DATE

TO THE DIRECTOR
OF THE BUREAU OF REVENUE

[Faint, illegible text throughout the main body of the document]

RECEIVED BY

[Signature]

DATE

[Signature]

DATE

[Signature]



NATIONAL ENVIRONMENTAL TESTING, INC.

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

Formerly: NET Northeast, Inc.

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: Apr 24 1990

Attention: COMMANDER

SAMPLE #6901

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 04/02/90
JOB #	: 179.005.00	DATE COLLECTED	: 04/02/90
LOCATION	: MW-29	TIME COLLECTED	: 1140
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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SAMPLE #6901

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYLVINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

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NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel

DATE: APR 24 1990



SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAD SAMPLE LDI NO. 10901 JOB NO. 179.00500.

SOURCE

CLIENT Seneca Army Depot. WELL NO. MW-29
LOCATION 2nd Drill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 4-2-90
WELL DEPTH 10.5'
DEPTH TO WATER 6.1'
WELL VOLUME .70
METHOD Manual
NO OF VOLUMES 4
TOTAL VOLUME 3 gal

ITEM	START	FINISH
TIME		1140
DN	6	6.94
TEMP.	7°C	7°C
DEPTH	6.1'	—
COLOR	Clear	DK BR
APPEAR.	High Turb	

SAMPLING

DATE 4-2-90
WE 1140
METHOD PVC Bailor
CONTAINER 2 vials
SAMPLED BY R. Rodman, B. Mit'ev

DN 6.94
TEMP 7°C
COLOR DK BR
APPEAR High Turb
EA —
Cond. 420

PRESERVATION

DATE 4-2-90
FILTERED YES NO TIME _____
PRESERVED YES NO TIME 1140
PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄ + CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

BY _____
BY R.R., B.M.

CUSTODY

SAMPLER'S SIGNATURE R. Rodman
TRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 4/2/90 TIME _____
#2 _____
RECEIVED BY _____ DATE _____ TIME _____

Office Memorandum
Date: 10/15/2010

TO: [Illegible]
FROM: [Illegible]

SUBJECT: [Illegible]

10/15/2010

[Faint, illegible body text of the memorandum]

Approved: [Illegible Signature] Date: [Illegible]

10/15/2010

10/15/2010

10/15/2010

10/15/2010

10/15/2010



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Formerly: NET Northeast, Inc.

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: Apr 24 1990

Attention: COMMANDER

SAMPLE #6902

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 04/02/90
JOB #	: 179.005.00	DATE COLLECTED	: 04/02/90
LOCATION	: MW-30	TIME COLLECTED	: 1145
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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SAMPLE #6902

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	5.0	ug/l
1,2-DICHLOROPROPANE	5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	2.0	ug/l
TRICHLOROETHYLENE	5.0	ug/l
DIBROMOCHLOROMETHANE	5.0	ug/l
CIS-1,3-DICHLOROPROPENE	2.0	ug/l
1,1,2-TRICHLOROETHANE	5.0	ug/l
BENZENE	5.0	ug/l
2-CHLOROETHYLVINYL ETHER	5.0	ug/l
BROMOFORM	5.0	ug/l
TETRACHLOROETHYLENE	5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	5.0	ug/l
TOLUENE	5.0	ug/l
1,2 DICHLOROBENZENE	5.0	ug/l
1,3 DICHLOROBENZENE	5.0	ug/l
1,4 DICHLOROBENZENE	5.0	ug/l
TRICHLOROFLUOROMETHANE	5.0	ug/l

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NYSDOH - ELAP #10067

APPROVED BY: Conrad Feigl DATE: APR 24 1990



SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAD SAMPLE LAD NO. 6902 JOB NO. 179,005.00

SOURCE

CLIENT Seneca Army Depot WELL NO. MW-30
LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 4-2-90
WELL DEPTH 10.5'
DEPTH TO WATER 5.1'
WELL VOLUME .86
METHOD Manual
NO OF VOLUMES 5
TOTAL VOLUME 5 gal

ITEM	START	FINISH
TIME		1145
PH	6	7.11
TEMP.	4°C	4°C
DEPTH	5.1'	—
COLOR	Clear	LT 6Y
APPEAR.	Med Turb	

SAMPLING

DATE 4-2-90
ME 1145
METHOD PVC Bailer
CONTAINER 2 vials
SAMPLED BY R. Rodman, B. Mikler

PH 7.11
TEMP 4°C
COLOR LT 6Y
APPEAR Med Turb
EA _____
Condi - 390

PRESERVATION

DATE 4-2-90
FILTERED YES _____ NO TIME _____
PRESERVED YES NO _____ TIME 1145
PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄ + CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

BY _____
BY R.R., B.M.

CUSTODY

SAMPLER'S SIGNATURE R. Rodman

TRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 4/2/90 TIME _____
#2 _____
RECEIVED BY _____ DATE _____ TIME _____

4200 (11/11) 10 20

190300



190300

RECEIVED BY

DATE

TO

DATE

BY

[Handwritten signature]

[Handwritten signature]



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Formerly: NET Northeast, Inc.

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: Apr 24 1990

Attention: COMMANDER

SAMPLE #6903

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 04/02/90
JOB #	: 179.005.00	DATE COLLECTED	: 04/02/90
LOCATION	: MW-31	TIME COLLECTED	: 1125
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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SAMPLE #6903

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

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NYSDOH - ELAP #10067

APPROVED BY: *Amad Tufilf*

DATE: APR 24 1990



SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAD SAMPLE LDR NO. 10903 JOB NO. 179,005.00.

SOURCE

CLIENT Seneca Army Depot. WELL NO. NW-31
LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 4-2-90
WELL DEPTH 10.5'
DEPTH TO WATER 3.1'
WELL VOLUME 1.18
METHOD manual
NO. OF VOLUMES 4
TOTAL VOLUME 5 gal

ITEM	START	FINISH
TIME		1125
pH	6	7.15
TEMP.	4°C	4°C
DEPTH	3.1'	-
COLOR	Clear	DK 6Y
APPEAR	High Turb	

SAMPLING

DATE 4-2-90
TIME 1125
METHOD PVC Bailer
CONTAINER 2 vials
SAMPLED BY R. Rodman, B. Mikler

pH 7.15
TEMP 4°C
COLOR DK 6Y
APPEAR High Turb
COND. 350

PRESERVATION

DATE 4-2-90
FILTERED YES NO
PRESERVED YES NO
PRESERVATIVE H₂SO₄ HNO₃ NaOH COOLED TO 4°C
 OTHER HCl

BY _____
BY R.R., B.M.
 N₃PO₄·CaSO₄ Ba(C₂H₃O₂)₂

CUSTODY

SAMPLER'S SIGNATURE R. Rodman

TRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 4/2/90 TIME _____
#2 _____
RECEIVED BY _____ DATE _____ TIME _____

STATE OF TEXAS
COUNTY OF [illegible]

[illegible]

[Faint, mostly illegible text, possibly a contract or legal document]

WITNESSES

[illegible]

[illegible]

[illegible]

[illegible]



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Formerly: NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: Apr 24 1990

Attention: COMMANDER

SAMPLE #6904

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 04/02/90
JOB #	: 179.005.00	DATE COLLECTED	: 04/02/90
LOCATION	: MW-32	TIME COLLECTED	: 1120
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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SAMPLE #6904

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	5.0	ug/l
1,2-DICHLOROPROPANE	5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	2.0	ug/l
TRICHLOROETHYLENE	5.0	ug/l
DIBROMOCHLOROMETHANE	5.0	ug/l
CIS-1,3-DICHLOROPROPENE	2.0	ug/l
1,1,2-TRICHLOROETHANE	5.0	ug/l
BENZENE	5.0	ug/l
2-CHLOROETHYLVINYL ETHER	5.0	ug/l
BROMOFORM	5.0	ug/l
TETRACHLOROETHYLENE	5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	5.0	ug/l
TOLUENE	5.0	ug/l
1,2 DICHLOROBENZENE	5.0	ug/l
1,3 DICHLOROBENZENE	5.0	ug/l
1,4 DICHLOROBENZENE	5.0	ug/l
TRICHLOROFLUOROMETHANE	5.0	ug/l

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NYSDOH - ELAP #10067

APPROVED BY:

Comed Tuff

DATE:

APR 24 1990

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6904 JOB NO. 179,605.00

SOURCE

CLIENT Seneca Army Depot WELL NO. MW-32
 LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 4-2-90
 WELL DEPTH 10.5'
 DEPTH TO WATER 4.7'
 WELL VOLUME .92
 METHOD Manual
 NO OF VOLUMES 4
 TOTAL VOLUME 4 gal

ITEM	START	FINISH
TIME		1120
DN	6	7.14
TEMP.	6'	6°C
DEPTH	4.7'	-
COLOR	Clear	DK BR
APPEAR	High Turb	

SAMPLING

DATE 4-2-90
 VE 1120
 METHOD PVC Bailor
 CONTAINER 2 vials
 SAMPLED BY R. Rodman, B. Mikler

DN 7.14
 TEMP 6°C
 COLOR DK BR
 APPEAR High Turb
 EN -
 Cond. 410

PRESERVATION

DATE 4-2-90
 FILTERED YES NO TIME _____ BY _____
 PRESERVED YES NO TIME 1120 BY R.R., B.M.
 PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄·CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE R. Rodman
 TRANSFERRED TO #1 _____
 RECEIVED BY [Signature] DATE 4/2/90 TIME _____
 #2 _____
 RECEIVED BY _____ DATE _____ TIME _____

1. The purpose of this document is to provide a comprehensive overview of the current state of the project. It is intended for the use of the project manager and the steering committee.

2. The project has been initiated in accordance with the project charter and the project management plan. The project manager has assigned the necessary resources and has established a project team.

3. The project is currently in the execution phase. The project manager is monitoring the progress of the project and is ensuring that the project is completed on time and within budget.

4. The project is expected to be completed by the end of the year. The project manager is confident that the project will be successful and will meet the objectives of the project charter.

SECRET

APPROVED BY: [Signature]
DATE: [Date]

[Signature]

[Signature]



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To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: Apr 24 1990

Attention: COMMANDER

SAMPLE #6905

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 04/02/90
JOB #	: 179.005.00	DATE COLLECTED	: 04/02/90
LOCATION	: MW-33	TIME COLLECTED	: 1115
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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SAMPLE #6905

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYLVINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

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NYSDOH - ELAP #10067

APPROVED BY:

Conrad Teufel

DATE:

APR 24 1990



SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAD SAMPLE LAD NO. 6905 JOB NO. 179,005,00

SOURCE

CLIENT Seneca Army Depot WELL NO. MW-33
LOCATION Land-Fill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 4-2-90
WELL DEPTH 10.5'
DEPTH TO WATER 3.9'
WELL VOLUME 1.05
METHOD Manual
NO. OF VOLUMES 4
TOTAL VOLUME 5 gal

ITEM	START	FINISH
TIME		1115
pH	6	7.14
TEMP.	4°C	
DEPTH	3.9'	—
COLOR	Clear	DK 6Y
APPEAR	High Turb	

SAMPLING

DATE 4-2-90
NE 1115
METHOD PVC Bailer
CONTAINER 2 vials
SAMPLED BY R. Rodman, B. M. Kler

pH 7.14
TEMP 4°C
COLOR DK 6Y
APPEAR High Turb
EA —
Cond. - 380

PRESERVATION

DATE 4-2-90
FILTERED YES NO
PRESERVED YES NO
PRESERVATIVE H₂SO₄ HNO₃ NaOH COOLED TO 4°C
 OTHER HCl

BY R.R., B.M.

CUSTODY

SAMPLER'S SIGNATURE R. J. Rodman
TRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 4/2/90 TIME _____
#2 _____
RECEIVED BY _____ DATE _____ TIME _____

EPA 624

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Handwritten notes in the top right corner, including the number "11" and some illegible text.



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RECEIVED



RECEIVED BY: _____ DATE: _____



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

Formerly: NET Northeast, Inc.

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: Apr 24 1990

Attention: COMMANDER

SAMPLE #6906

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 04/02/90
JOB #	: 179.005.00	DATE COLLECTED	: 04/02/90
LOCATION	: BLANK	TIME COLLECTED	: NA
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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SAMPLE #6906

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYLVINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

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NYSDOH - ELAP #10067

APPROVED BY:

Conrad T. J. [Signature]

DATE:

APR 24 1990

CHAIN OF CUSTODY SHEET

6906a

LAB SAMPLE LOG No.

SOURCE

CLIENT: Seneca Army Depot JOB No. 179,005-00
SAMPLE ID: BLANK LOCATION DESCRIPTION: Landfill

SAMPLING

SAMPLE TYPE: _____ SAMPLING METHOD: _____
CONTAINERS: No. _____ TYPE: _____
COMPOSITE: DATE SET _____ TIME _____ BY _____
DATE PICKED-UP _____ TIME _____ BY _____
GRAB: DATE _____ TIME _____ BY _____
NOTES: _____

PRESERVATION

DATE: 4-2-90
FILTERED: YES _____ NO TIME _____ BY _____
PRESERVED: YES NO _____ TIME 0800 BY R. Rodman
PRESERVATIVE: H₂SO₄ HNO₃ NaOH H₃PO₄ · CaSO₄ Zn(C₂H₃O₂)₂
 COOLED TO 4°C OTHER: HCl
NOTES: _____

CUSTODY

DELIVERED BY: R. Rodman
DATE: 4-2-90 TIME: 1500
RECEIVED BY: [Signature]
DATE: 4/2/90 TIME: _____

CUSTODY

LABORATORY SUBCONTRACTOR

NAME OF LAB: _____
ADDRESS: _____
DELIVERED BY: _____
DATE: _____ TIME: _____
RECEIVED BY: _____
DATE: _____ TIME: _____

FIELD NOTES

The first part of the paper is a blank space for writing. The text is very faint and mostly illegible. There are some faint markings and lines, but no clear text is discernible in this section.

(ST. PAUL'S SCHOOL)

The bottom section of the page contains several horizontal lines, likely for a signature or additional notes. The text is extremely faint and illegible.



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5854 Butternut Drive
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Tel: (315) 446-8795
Fax: (315) 449-1611

*Rec'd
31 May 90*

Formerly NET Northeast, Inc.

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6712

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-10
METHOD : GRAB

DATE RECEIVED : 03/29/90
DATE COLLECTED : 03/29/90
TIME COLLECTED : 1320

1

PARAMETER	RESULTS	UNITS
CHLORIDE	69.	mg/l
CONDUCTANCE (field)	530.	umhos/cm
NITRATE (as N)	<0.04	mg/l
pH	7.4	Standard Units
pH (field)	7.17	Standard Units
SULFATE	17.	mg/l
TOC	20.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.50	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.002	mg/l
IRON	0.25	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6712

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	1.3	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	38.	mg/l
TOX	<10.	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l



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Formerly: NET Northeast, Inc

SAMPLE #6712

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:

(f) - Metals run by Graphite Furnace Technique.

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NYSDOH - ELAP #10067

APPROVED BY:

Comed Teufel

DATE:

MAY 18 1990



SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6712JOB NO. 179,005,00

SOURCE

CLIENT Seneca Army Depot
LOCATION LandfillWELL NO. PT-10
WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/29/90
WELL DEPTH 46.2'
DEPTH TO WATER 5.7'
WELL VOLUME 6.48
METHOD Manual
NO. OF VOLUMES 3
TOTAL VOLUME 20 gal

ITEM	START	FINISH
TIME		1320
DH	7	7.17
TEMP.	7°C	7°C
DEPTH	5.7'	-
COLOR	Clear	LT 64
APPEAR	Low Turb	

SAMPLING

DATE 3/29/90
ME 1320
METHOD PVC Bailer
CONTAINER 6/3-500ml, 2-vials, 1-1/2 gal
SAMPLED BY R. Rodman, B. MiklerDH 7.17
TEMP 7°C
COLOR LT 64
APPEAR Low Turb
EA _____
Cond. - 530

PRESERVATION

DATE 3/29/90
FILTERED YES NO TIME _____
PRESERVED YES NO TIME _____
PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄ + CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HClBY _____
BY R. Rodman, B. Mikler

CUSTODY

OPERATOR'S SIGNATURE R. RodmanTRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 3/29/90 TIME _____#2 _____
RECEIVED BY _____ DATE _____ TIME _____

STATE OF MISSISSIPPI
DEPARTMENT OF REVENUE



[Faint, illegible text and lines, possibly representing a ledger or form with multiple rows.]

EXHIBIT

RECEIVED BY _____ DATE _____

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Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6713

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/29/90
 JOB # : 179.005.00 DATE COLLECTED : 03/29/90
 LOCATION : PT-11 TIME COLLECTED : 1335
 METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	40.	mg/l
CONDUCTANCE (field)	740.	umhos/cm
NITRATE (as N)	0.34	mg/l
pH	7.4	Standard Units
pH (field)	7.22	Standard Units
SULFATE	170.	mg/l
TOC	52.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	2.1	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.160	mg/l
IRON	140.	mg/l
LEAD (f)	0.046	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6713

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	20.	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	54.	mg/l
TOX	10.3	mg/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLORO BENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l



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Formerly NET Northeast, Inc

SAMPLE #6713

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:
(f) - Metals run by Graphite Furnace Technique.

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NYSDOH - ELAP #10067

APPROVED BY: Comod Teufel DATE: MAY 18 1990



SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6713JOB NO. 179.005.00.

SOURCE

CLIENT Seneca Army DepotWELL NO. PT-11LOCATION LandfillWELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/29/90WELL DEPTH 19.4'DEPTH TO WATER 5.1'WELL VOLUME 2.28METHOD ManualNO OF VOLUMES 3TOTAL VOLUME 8 gal

ITEM	START	FINISH
TIME		1335
pH	6	7.22
TEMP.	8°C	8°C
DEPTH	5.1'	—
COLOR	clear	DK 6Y
APPEAR.	High Turb	

SAMPLING

DATE 3/29/90WE 1335pH 7.22METHOD PVC BailerTEMP 8°CCONTAINER 6/3-500ml, 2-vials, 1-1/2 galCOLOR DK 6YSAMPLED BY R. Rodman, B. MitterAPPEAR High Turb

EA _____

Cond- 740

PRESERVATION

DATE 3/29/90

FILTERED YES _____ NO _____ TIME _____

BY _____

PRESERVED YES NO _____ TIME 1335BY R. Rodman, B. MitterPRESERVATIVE: H₂SO₄ HNO₃ NaOH H₃PO₄·CaSO₄ Ba(C₂H₃O₂)₂ COOLED TO 4°C OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE R. Rodman

TRANSFERRED TO #1 _____

RECEIVED BY  DATE 3/29/90 TIME _____

#2 _____

RECEIVED BY _____ DATE _____ TIME _____

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Tel: (315) 446-8795
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Formerly NET Northeast, Inc.

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6714

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 03/29/90
JOB #	: 179.005.00	DATE COLLECTED	: 03/29/90
LOCATION	: PT-15	TIME COLLECTED	: 1400
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLORIDE	18.	mg/l
CONDUCTANCE (field)	350.	umhos/cm
NITRATE (as N)	0.28	mg/l
pH	7.7	Standard Units
pH (field)	7.54	Standard Units
SULFATE	50.	mg/l
TOC	29.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	0.63	mg/l
CADMIUM (f)	0.002	mg/l
CHROMIUM-T (f)	0.124	mg/l
IRON	97.	mg/l
LEAD (f)	0.024	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6714

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	12.	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	28.	mg/l
TOX	<10.	mg/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLORO BENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYL BENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLORO BENZENE	<5.0	ug/l



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SAMPLE #6714

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:
(f) -- Metals run by Graphite Furnace Technique.

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NYSDOH -- ELAP #10067

APPROVED BY: Conrad Teufel DATE: MAY 18 1990



SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAD SAMPLE LOG NO. 6714 JOB NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-15
LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/29/90
WELL DEPTH 19.5'
DEPTH TO WATER 4.9'
WELL VOLUME 2.33
METHOD Manual
NO. OF VOLUMES 3
TOTAL VOLUME 8 gal

ITEM	START	FINISH
TIME		1400
DH	6	7.54
TEMP.	7°C	7°C
DEPTH	4.9'	-
COLOR	clear	DK GY
APPEAR	Med Turb	

SAMPLING

DATE 3/29/90
TIME 1400
METHOD PVC Bailer
CONTAINER 6/3-500 mL, 2-vials, 1-1/2 gal
SAMPLED BY R. Rodman, B. Miktler

DH 7.54
TEMP 7°C
COLOR DK GY
APPEAR Med Turb
COND. 350

PRESERVATION

DATE 3/29/90
FILTERED YES NO
PRESERVED YES NO
PRESERVATIVE H₂SO₄ HNO₃ NaOH
 COOLED TO 4°C OTHER HCl

BY _____
BY R. Rodman, B. Miktler
 H₃PO₄ + Cs₂SO₄ Ba(C₂H₃O₂)₂

CUSTODY

PREPARED BY SIGNATURE R. J. Rodman

TRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 3/29/90 TIME _____

#2 _____
RECEIVED BY _____ DATE _____ TIME _____

EPA 624

Arsenic ✓	585
Barium ✓	595
Cadmium Furnace ✓	615
Chromium Furnace ✓	640
Lead Furnace ✓	695
Selenium ✓	785
Silver ✓	805
Iron ✓	685
Sodium ✓	815
Potassium ✓	775
Tox (EPA 450.1)	
Mercury ✓	735
Chloride ✓✓	230
Sulfate ✓✓	500
Nitrate ✓✓	350
Toc ✓✓	545
Specific Conductivity ✓✓	256
Ph ✓✓	405 407



NATIONAL ENVIRONMENTAL TESTING, INC.

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

Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6715

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/29/90
JOB # : 179.005.00 DATE COLLECTED : 03/29/90
LOCATION : PT-16 TIME COLLECTED : 1350
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	17.	mg/l
CONDUCTANCE (field)	350.	umhos/cm
NITRATE (as N)	2.45	mg/l
pH	7.2	Standard Units
pH (field)	7.35	Standard Units
SULFATE	34.	mg/l
TOC	22.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.013	mg/l
IRON	12.	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6715

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	<5.0	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	5.2	mg/l
TOX	44.0	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l



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SAMPLE #6715

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:

(f) -- Metals run by Graphite Furnace Technique.

NET warrants that any sampling and analyses 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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel DATE: MAY 18 1990



SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6715JOB NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot
LOCATION LandfillWELL NO. PT-16
WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/29/90
WELL DEPTH 11.5'
DEPTH TO WATER 3.1'
WELL VOLUME 1.34
METHOD Manual
NO. OF VOLUMES 3
TOTAL VOLUME 5 gal

ITEM	START	FINISH
TIME		1350
pH	6	7.35
TEMP.	4°C	4°C
DEPTH	3.1'	-
COLOR	clear	LT BR
APPEAR.	Med Turb	

SAMPLING

DATE 3/29/90
TIME 1350
METHOD PVC Bailer
CONTAINER 6/3 500 mL, 2-vials, 1-1/2 gal
SAMPLED BY R. Rodman, B. MiklerpH 7.35
TEMP 4°C
COLOR LT BR
APPEAR Med Turb
COND 350

PRESERVATION

DATE 3/29/90
FILTERED YES NO
PRESERVED YES NO
PRESERVATIVE: H₂SO₄ HNO₃ NaOH H₃PO₄ + CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HClBY R. Rodman, B. Mikler

CUSTODY

OPERATOR'S SIGNATURE R. RodmanTRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 3/29/90 TIME _____
#2 _____
RECEIVED BY _____ DATE _____ TIME _____

STATE OF TEXAS
COUNTY OF [illegible]

[illegible]

EXHIBIT

ORDER OF THE COURT

RECEIVED BY _____ DATE _____
BY _____ DATE _____



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Syracuse Division
5854 Butternut Drive
East Syracuse, NY 13057
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Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6716

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/29/90
JOB # : 179.005.00 DATE COLLECTED : 03/29/90
LOCATION : PT-25 TIME COLLECTED : 1410
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	30.	mg/l
CONDUCTANCE (field)	380.	umhos/cm
NITRATE (as N)	2.75	mg/l
pH	7.1	Standard Units
pH (field)	7.29	Standard Units
SULFATE	45.	mg/l
TOC	24.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.018	mg/l
IRON	17.	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6716

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	<5.0	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	23.	mg/l
TOX	<10.	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLORO BENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l



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SAMPLE #6716

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:

(f) - Metals run by Graphite Furnace Technique.

NET warrants that any sampling and analyses 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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Taylor DATE: MAY 18 1990



SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAD SAMPLE LDR NO. 6714 JOB NO. 179,005,00

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-25
LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/29/90
WELL DEPTH 12'
DEPTH TO WATER 3.9'
WELL VOLUME 1.29
METHOD Manual
NO OF VOLUMES 3
TOTAL VOLUME 5 gal

ITEM	START	FINISH
TIME		1410
pH	6	7.29
TEMP.	7°C	7°C
DEPTH	3.9'	-
COLOR	clear	DK 6Y
APPEAR.	High Turb	

SAMPLING

DATE 3/29/90
WE 1410
METHOD PVC Bailer
CONTAINER 6/3-500ml, 2-vials, 1-1/2 gal
SAMPLED BY R. Rodman, B. Mikler

pH 7.29
TEMP 7°C
COLOR DK 6Y
APPEAR High Turb
EA _____
Cond. 380

PRESERVATION

DATE 3/29/90
FILTERED YES _____ NO TIME _____
PRESERVED YES NO _____ TIME 1410
PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄ + CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

BY _____
BY R. Rodman, B. Mikler

CUSTODY

PREPARED BY SIGNATURE R. Rodman

TRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 3/29/90 TIME _____
#2 _____
RECEIVED BY _____ DATE _____ TIME _____

STATE OF TEXAS
COUNTY OF [illegible]

151

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

[illegible text]

EXHIBIT

[illegible signature]

RECEIVED BY [illegible]

DATE [illegible]

[illegible signature]

RECEIVED BY [illegible]

DATE [illegible]

RECEIVED BY [illegible]



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Fax: (315) 449-1611

Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6717

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/29/90
JOB # : 179.005.00 DATE COLLECTED : 03/29/90
LOCATION : BLANK TIME COLLECTED : NA
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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Formerly NET Northeast, Inc

SAMPLE #6717

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:

(f) - Metals run by Graphite Furnace Technique.

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NYSDOH - ELAP #10067

APPROVED BY: Conrad Tuffel DATE: MAY 18 1990

CHAIN OF CUSTODY SHEET

10719

LAB SAMPLE LOG NO.

SOURCE

CLIENT: Seneca Army Depot JOB NO. 179,005.00
SAMPLE LB: BLANKS LOCATION DESCRIPTION: Landfill

SAMPLING

SAMPLE TYPE: _____ SAMPLING METHOD: _____

CONTAINERS: No. _____ TYPE: _____

COMPOSITE: DATE SET: _____ TIME: _____ BY: MJA

DATE PICKED-UP: _____ TIME: _____ BY: _____

GRAB: DATE: _____ TIME: _____ BY: _____

NOTES: _____

PRESERVATION

DATE: 3/29/90

FILTERED: YES _____ NO _____ TIME: _____ BY: _____

PRESERVED: YES _____ NO _____ TIME: 0900 BY: R. Rodman

PRESERVATIVE: H₂SO₄ HNO₃ NaOH H₃PO₄·CaSO₄ Zn(C₂H₃O₂)₂
 COOLED TO 4°C OTHER: HCl

NOTES: _____

CUSTODY

DELIVERED BY: R. Rodman
DATE: 3/29/90 TIME: 1615
RECEIVED BY: _____
DATE: 3/29/90 TIME: _____

CUSTODY

LABORATORY SUBCONTRACTOR

NAME OF LAB: _____
ADDRESS: _____
DELIVERED BY: _____
DATE: _____ TIME: _____
RECEIVED BY: _____
DATE: _____ TIME: _____

FIELD NOTES

I hereby certify that the above is a true and correct copy of the original as the same appears in the records of the City of New York, in the office of the City Clerk, at New York, New York, this _____ day of _____, 19____.

City Clerk

Date: _____

Signature: _____

FIELD NOTES



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Fax: (315) 449-1611

Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6745

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/30/90
JOB # : 179.005.00 DATE COLLECTED : 03/30/90
LOCATION : PT-12 TIME COLLECTED : 1210
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	36.	mg/l
CONDUCTANCE (field)	460.	umhos/cm
NITRATE (as N)	0.44	mg/l
pH	7.1	Standard Units
pH (field)	6.75	Standard Units
SULFATE	250.	mg/l
TOC	33.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.007	mg/l
IRON	4.5	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l



Formerly NET Northeast, Inc

SAMPLE #6745

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	<5.0	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	37.	mg/l
TOX	152.	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	100.	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2-DICHLOROBENZENE	<5.0	ug/l



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SAMPLE #6745

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFUOROMETHANE	<5.0	ug/l

NOTE:

(f) - Metals run by Graphite Furnace Technique.

NET warrants that any sampling and analyses 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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Joseph DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAD SAMPLE LOG NO. 6745 QDD NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-12
 LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/30/90
 WELL DEPTH 12.3'
 DEPTH TO WATER 5.8'
 WELL VOLUME 1.04
 METHOD Manual
 NO OF VOLUMES 4
 TOTAL VOLUME 4.5 gal

ITEM	START	FINISH
TIME		1210
DN	6	6.75
TEMP.	5°C	5°C
DEPTH	5.8'	-
COLOR	Clear	LT BR
APPEAR	Med Turb	

SAMPLING

DATE 3/30/90
 WE 1210
 METHOD PVC Bailor
 CONTAINER 6/3-500 ml, 2-vials, 1-2 gal
 SAMPLED BY R. Rodman, B. Mikler

DN 6.75
 TEMP 5°C
 COLOR LT BR
 APPEAR Med Turb
 EA -
 Cond. 460

PRESERVATION

DATE 3/30/90
 FILTERED YES NO TIME _____
 PRESERVED YES NO TIME 1210
 PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄·CaSO₄
 COOLED TO 4°C OTHER HCl

BY _____
 BY R.R., B.M.
 Ba(C₂H₃O₂)₂

CUSTODY

BOTTLE'S SIGNATURE R. J. Rodman

TRANSFERRED TO #1 _____
 RECEIVED BY (Signature) DATE 3/30/90 TIME _____

#2 _____
 RECEIVED BY _____ DATE _____ TIME _____

1954

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Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6746

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/30/90
 JOB # : 179.005.00 DATE COLLECTED : 03/30/90
 LOCATION : PT-17 TIME COLLECTED : 1125
 METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	46.	mg/l
CONDUCTANCE (field)	340.	umhos/cm
NITRATE (as N)	0.45	mg/l
pH	7.1	Standard Units
pH (field)	6.96	Standard Units
SULFATE	110.	mg/l
TOC	29.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.020	mg/l
IRON	17.	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6746

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	<5.0	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	23.	mg/l
TOX	<10.	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLORO BENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYL BENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	90.	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l



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SAMPLE #6746

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:

(f) - Metals run by Graphite Furnace Technique.

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NYSDOH - ELAP #10067

APPROVED BY: Conrad Feigelf DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAD SAMPLE LOG NO. 6746 JOB NO. 179,005,00

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-17
 LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/30/90
 WELL DEPTH 11.5'
 DEPTH TO WATER 4.7'
 WELL VOLUME 1.08
 METHOD Manual
 NO OF VOLUMES 4
 TOTAL VOLUME 5 gal

ITEM	START	FINISH
TIME		1125
DN	6	6.96
TEMP.	5°C	5°C
DEPTH	4.7'	-
COLOR	Clear	LT 6Y
APPEAR	Med Turb	

SAMPLING

DATE 3/30/90
 TIME 1125
 METHOD PVC Bailer
 CONTAINER 6/3-500 ml, 2-vials, 1-1/2 gal
 SAMPLED BY R. Rodman, B. Miklev

DN 6.96
 TEMP 5°C
 COLOR LT 6Y
 APPEAR Med Turb
 ED -
 Cond. - 340

PRESERVATION

DATE 3/30/90
 FILTERED YES NO TIME _____
 PRESERVED YES NO TIME 1125
 PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄·CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

BY _____
 BY RR., B.M.
 H₃PO₄·CuSO₄ Ba(C₂H₃O₂)₂

CUSTODY

SAMPLER'S SIGNATURE R. Rodman

TRANSFERRED TO #1 _____
 RECEIVED BY (Signature) DATE 3/30/90 TIME _____
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Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6747

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 03/30/90
JOB #	: 179.005.00	DATE COLLECTED	: 03/30/90
LOCATION	: PT-18	TIME COLLECTED	: 1220
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLORIDE	72.	mg/l
CONDUCTANCE (field)	680.	umhos/cm
NITRATE (as N)	<0.04	mg/l
pH	6.9	Standard Units
pH (field)	6.80	Standard Units
SULFATE	340.	mg/l
TOC	32.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.003	mg/l
IRON	2.0	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6747

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	<5.0	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	86.	mg/l
TOX	333.	ug/l
CHLOROMETHANE	<50.	ug/l
BROMOMETHANE	<50.	ug/l
VINYL CHLORIDE	<20.	ug/l
CHLOROETHANE	<50.	ug/l
METHYLENE CHLORIDE	<50.	ug/l
CHLORO BENZENE	<50.	ug/l
1,1-DICHLOROETHYLENE	<50.	ug/l
1,1-DICHLOROETHANE	<50.	ug/l
TRANS-1,2-DICHLOROETHYLENE	<50.	ug/l
ETHYLBENZENE	<50.	ug/l
CHLOROFORM	230.	ug/l
1,2-DICHLOROETHANE	<50.	ug/l
1,1,1-TRICHLOROETHANE	<50.	ug/l
CARBON TETRACHLORIDE	<50.	ug/l
BROMODICHLOROMETHANE	<50.	ug/l
1,2-DICHLOROPROPANE	<50.	ug/l
TRANS-1,3-DICHLOROPROPENE	<20.	ug/l
TRICHLOROETHYLENE	7600.	ug/l
DIBROMOCHLOROMETHANE	<50.	ug/l
CIS-1,3-DICHLOROPROPENE	<20.	ug/l
1,1,2-TRICHLOROETHANE	<50.	ug/l
BENZENE	<50.	ug/l
2-CHLOROETHYL VINYL ETHER	<50.	ug/l
BROMOFORM	<50.	ug/l
TETRACHLOROETHYLENE	<50.	ug/l
1,1,2,2-TETRACHLOROETHANE	<50.	ug/l
TOLUENE	<50.	ug/l
1,2 DICHLOROBENZENE	<50.	ug/l



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SAMPLE #6747

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<50.	ug/l
1,4 DICHLOROBENZENE	<50.	ug/l
TRICHLOROFLUORMETHANE	<50.	ug/l

NOTE:
(f) - Metals run by Graphite Furnace Technique.

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NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAD SAMPLE LAD NO. 6747 JOB NO. 179,003,00

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-18
 LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVAUATION

DATE 3/30/90
 WELL DEPTH 11.5'
 DEPTH TO WATER 5.9'
 WELL VOLUME .89
 METHOD Manual
 NO OF VOLUMES 4
 TOTAL VOLUME 4 gal

ITEM	START	FINISH
TIME		1220
PH	6	6.80
TEMP.	5°C	5°C
DEPTH	5.9'	-
COLOR	Clear	LT BR
APPEAR	High Turb	

SAMPLING

DATE 3/30/90
 TIME 1220
 METHOD PVC Bailer
 CONTAINER 6/3-500 mL, 2-vials, 1-1/2 gal
 SAMPLED BY R. Rodman, B. Mikler

PH 6.80
 TEMP 5°C
 COLOR LT BR
 APPEAR High Turb
 COND 680

PRESERVATION

DATE 3/30/90
 FILTERED YES NO TIME _____
 PRESERVED YES NO TIME 1220
 PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄ + CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

BY _____
 BY R.R., B.M.

CUSTODY

BAILLER'S SIGNATURE R. J. Rodman

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Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6748

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/30/90
JOB # : 179.005.00 DATE COLLECTED : 03/30/90
LOCATION : PT-20 TIME COLLECTED : 1155
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	24.	mg/l
CONDUCTANCE (field)	360.	umhos/cm
NITRATE (as N)	0.36	mg/l
pH	7.1	Standard Units
pH (field)	7.16	Standard Units
SULFATE	150.	mg/l
TOC	16.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.003	mg/l
IRON	1.6	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6748

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	<5.0	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	35.	mg/l
TOX	16.2	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	26.	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l



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SAMPLE #6748

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOOROBENZENE	<5.0	ug/l
1,4 DICHLOOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:
(f) - Metals run by Graphite Furnace Technique.

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NYSDOH - ELAP #10067

APPROVED BY: Comod Seufel DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAD SAMPLE LOG NO. 10748 QDD NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-20
 LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/30/90
 WELL DEPTH 11.5'
 DEPTH TO WATER 5.8'
 WELL VOLUME .91
 METHOD Manual
 NO OF VOLUMES 4
 TOTAL VOLUME 4 gal

ITEM	START	FINISH
TIME		1155
pH	7	7.16
TEMP.	4°C	4°C
DEPTH	5.8'	-
COLOR	Clear	LT 6Y
APPEAR	Med Turb	

SAMPLING

DATE 3/30/90
 TIME 1155
 METHOD PVC Bailer
 CONTAINER 6/3-500ml, 2-vials, 1-1/2 gal
 SAMPLED BY R. Rodman, B. Mikler

pH 7.16
 TEMP 4°C
 COLOR LT 6Y
 APPEAR Med Turb
 ER -
 Cond. 360

PRESERVATION

DATE 3/30/90
 FILTERED YES NO TIME _____
 PRESERVED YES NO TIME 1155
 PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄·CaSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

BY _____
 BY R. R., B. M.
 H₃PO₄·CaSO₄ Ba(C₂H₃O₂)₂

CUSTODY

SAMPLER'S SIGNATURE R. Rodman

TRANSFERRED TO #1 _____
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Formerly NET Northeast, Inc.

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: Apr 26 1990

Attention: COMMANDER

SAMPLE #6749

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 03/30/90
JOB #	: 179.005.00	DATE COLLECTED	: 03/30/90
LOCATION	: PT-21	TIME COLLECTED	: 1145
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1, 1-DICHLOROETHYLENE	<5.0	ug/l
1, 1-DICHLOROETHANE	<5.0	ug/l
TRANS-1, 2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1, 2-DICHLOROETHANE	<5.0	ug/l
1, 1, 1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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SAMPLE #6749

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

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To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6749

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/30/90
JOB # : 179.005.00 DATE COLLECTED : 03/30/90
LOCATION : PT-21 TIME COLLECTED : 1145
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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SAMPLE #6749

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

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NYSDDH - ELAP #10067

APPROVED BY:

Comed Tuffel

DATE:

MAY 18 1990



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Formerly: NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6717

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/29/90
JOB # : 179.005.00 DATE COLLECTED : 03/29/90
LOCATION : BLANK TIME COLLECTED : NA
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l



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SAMPLE #6717

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NET warrants that any sampling and analyses 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.

Conrad Teufel

MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

6749

LAD SAMPLE LAD NO. _____

WELL NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot
LOCATION Landfill

WELL NO. PT-21
WELL TYPE/SIZE 2" PVC

EVAUATION

DATE 3/30/90
WELL DEPTH 19.2'
DEPTH TO WATER 4.6'
WELL VOLUME 2.33
METHOD Manual
NO OF VOLUMES 3
TOTAL VOLUME 8 gal

ITEM	START	FINISH
TIME		1145
pH	7	7.37
TEMP.	8°C	8°C
DEPTH	4.6'	-
COLOR	Clear	LT 6Y
APPEAR	Med Turb	

SAMPLING

DATE 3/30/90
TIME 1145
METHOD PVC Bailor
CONTAINER 2 - Vials
SAMPLED BY R. Rodman, B. Mitter

pH 7.37
TEMP 8°C
COLOR LT 6Y
APPEAR Med Turb
EA _____

* NOT ENOUGH SAMPLE TO DO SEMI-ANNUAL PARAMETERS, Cond. - 400
JUST THE EPA 624, well went DRY

PRESERVATION

DATE 3/30/90
FILTERED YES _____ NO TIME _____
PRESERVED YES NO _____ TIME 1145
PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄ · CUSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

BY _____
BY RR, B.M.
 H₃PO₄ · CUSO₄ Ba(C₂H₃O₂)₂

CUSTODY

BOTTLE'S SIGNATURE R. Rodman

TRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 3/30/90 TIME _____

#2 _____
RECEIVED BY _____ DATE _____ TIME _____

EPA 624

12/17

12/17



12/17

12/17

12/17

12/17

12/17



NATIONAL ENVIRONMENTAL TESTING, INC.

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

Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6750

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/30/90
JOB # : 179.005.00 DATE COLLECTED : 03/30/90
LOCATION : PT-22 TIME COLLECTED : 1135
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	68.	mg/l
CONDUCTANCE (field)	460.	umhos/cm
NITRATE (as N)	0.25	mg/l
pH	7.1	Standard Units
pH (field)	7.38	Standard Units
SULFATE	180.	mg/l
TDC	18.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.008	mg/l
IRON	5.2	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6750

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	<5.0	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	60.	mg/l
TOX	40.3	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROETHANE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	6.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	100.	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l



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Formerly NET Northeast, Inc

SAMPLE #6750

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:

(f) - Metals run by Graphite Furnace Technique.

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NYSDOH - ELAP #10067

APPROVED BY: Conrad Toufelp DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAD SAMPLE LAD NO. 6750 QDD NO. 179,005,00

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-22
 LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/30/90
 WELL DEPTH 11.5'
 DEPTH TO WATER 5.9'
 WELL VOLUME .89
 METHOD Manual
 NO OF VOLUMES 3
 TOTAL VOLUME 3 gal

ITEM	START	FINISH
TIME		1135
pH	7	7.38
TEMP.	6°C	6°C
DEPTH	5.9'	-
COLOR	clear	DK 6Y
APPEAR	Med Turb	

SAMPLING

DATE 3/30/90
 TIME 1135
 METHOD PVC Bailer
 CONTAINER 6 / 3-500 ml, 2-vials, 1-1/2 gal
 SAMPLED BY R. Rodman, B. Mikler

pH 7.38
 TEMP 6°C
 COLOR DK 6Y
 APPEAR Med Turb
 ER -
 Cond. 460

PRESERVATION

DATE 3/30/90
 FILTERED YES NO TIME _____
 PRESERVED YES NO TIME 1135
 PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄·CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

BY _____
 BY R.R., B.M.
 H₃PO₄·CuSO₄ Ba(C₂H₃O₂)₂

CUSTODY

SAMPLER'S SIGNATURE R. Rodman
 TRANSFERRED TO #1 _____

RECEIVED BY [Signature] DATE 3/30/90 TIME _____

#2 _____
 RECEIVED BY _____ DATE _____ TIME _____

11/20/2011

John Doe

Dear Mr. Doe, please find attached the report...

ENCLOSURE

RECEIVED BY: [Signature]



DATE: 11/20/2011

RECEIVED BY: [Signature]



NATIONAL ENVIRONMENTAL TESTING, INC.

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

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Formerly NET Northeast, Inc
Date: May 24 1990

Attention: COMMANDER

SAMPLE #6751

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/30/90
JOB # : 179.005.00 DATE COLLECTED : 03/30/90
LOCATION : PT-23 TIME COLLECTED : 1105
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	10.	mg/l
CONDUCTANCE (field)	280.	umhos/cm
NITRATE (as N)	<0.04	mg/l
pH	7.3	Standard Units
pH (field)	7.45	Standard Units
SULFATE	80.	mg/l
TOC	22.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.005	mg/l
IRON	3.20	mg/l
LEAD	<0.005	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6751

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	1.2	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	4.9	mg/l
TOX	<10.	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l

NET

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6750JOB NO. 179,005.00.

SOURCE

CLIENT Seneca Army Depot
LOCATION LandfillWELL NO. PT-23
WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/30/90
WELL DEPTH 12'
DEPTH TO WATER 4.7'
WELL VOLUME 1.16
METHOD Manual
NO OF VOLUMES 3
TOTAL VOLUME 5 gal

ITEM	START	FINISH
TIME		1105
pH	7	7.45
TEMP.	40c	40c
DEPTH	4.7'	-
COLOR	Clear	LT BR
APPEAR	High Turb	

SAMPLING

DATE 3/30/90
TIME 1105
METHOD PVC Bailor
CONTAINER 6/3-500 ml, 2-vials, 1-1/2 gal
SAMPLED BY R. Rodman/B. MiklerpH 7.45
TEMP 40c
COLOR LT BR
APPEAR High Turb
COND. 280

PRESERVATION

DATE 3/30/90
FILTERED YES NO
PRESERVED YES NO
PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄·CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HClBY _____
BY R.R., B.M.

CUSTODY

SAMPLER'S SIGNATURE R. RodmanTRANSFERRED TO #1 _____
RECEIVED BY [Signature] DATE 3/30/90 TIME _____
#2 _____
RECEIVED BY _____ DATE _____ TIME _____

10/10/10

10/10/10



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NET Atlantic, Inc.
Syracuse Division
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Formerly NET Northeast, Inc.

SAMPLE #6751

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:

(f) - Metals run by Graphite Furnace Technique.

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NYSDOH - ELAP #10067

APPROVED BY: Comad Teufel DATE: 5/24/90



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

Formerly: NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6752

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 03/30/90
JOB #	: 179.005.00	DATE COLLECTED	: 03/30/90
LOCATION	: PT-24	TIME COLLECTED	: 1115
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLORIDE	30.	mg/l
CONDUCTANCE (field)	330.	umhos/cm
NITRATE (as N)	0.26	mg/l
pH	7.2	Standard Units
pH (field)	7.44	Standard Units
SULFATE	120.	mg/l
TOC	16.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.041	mg/l
IRON	34.	mg/l
LEAD (f)	0.013	mg/l
MERCURY	<0.001	mg/l

11

12



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Formerly NET Northeast, Inc

SAMPLE #6752

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOOROBENZENE	<5.0	ug/l
1,4 DICHLOOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:

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NYSDOH - ELAP #10067

APPROVED BY:

Conrad Teufel

DATE:

MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAD SAMPLE LOG NO. 6752 QDD NO. 179,005.00

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-24
 LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVAUCLATION

DATE 3/30/90
 WELL DEPTH 11.8'
 DEPTH TO WATER 4.6'
 WELL VOLUME 1.15'
 METHOD Manual
 NO OF VOLUMES 4
 TOTAL VOLUME 5 gal

ITEM	START	FINISH
TIME		1115
pH	7	7.44
TEMP.	70c	70c
DEPTH	4.6'	-
COLOR	Clear	DK 6Y
APPEAR	Med Turb	

SAMPLING

DATE 3/30/90
 WE 1115
 METHOD PVC Bailor
 CONTAINER 6 | 3-500ml, 2-vials, 1-1/2 gal
 SAMPLED BY R. Rodman, B. Mikler

pH 7.44
 TEMP 70c
 COLOR DK 6Y
 APPEAR Med Turb
 EA -
 Cond. 330

PRESERVATION

DATE 3/30/90
 FILTERED YES NO TIME _____
 PRESERVED YES NO TIME 1115
 PRESERVATIVE H₂SO₄ HNO₃ NaOH
 COOLED TO 4°C OTHER HCl

BY _____
 BY R.R., B.M.
 H₃PO₄ · CuSO₄ Ba(C₂H₃O₂)₂

CUSTODY

COLLECTOR'S SIGNATURE Ron J. Rodman

TRANSFERRED TO #1 _____
 RECEIVED BY  DATE 3/30/90 TIME _____

#2 _____
 RECEIVED BY _____ DATE _____ TIME _____

10/15/78

10/15/78

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10/15/78

10/15/78



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NET Atlantic, Inc.
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East Syracuse, NY 13057
Tel: (315) 446-8795
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Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6753

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/30/90
JOB # : 179.005.00 DATE COLLECTED : 03/30/90
LOCATION : PT-26 TIME COLLECTED : 1415
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	6.0	mg/l
CONDUCTANCE (field)	400.	umhos/cm
NITRATE (as N)	0.43	mg/l
pH	7.3	Standard Units
pH (field)	7.41	Standard Units
SULFATE	150.	mg/l
TOC	26.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	0.43	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	0.087	mg/l
IRON	86.	mg/l
LEAD (f)	0.014	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6753

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	5.9	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	22.	mg/l
TOX	25.0	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l



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Fax: (315) 449-1611

Formerly NET Northeast, Inc

SAMPLE #6753

PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLORO BENZENE	<5.0	ug/l
1,4 DICHLORO BENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:
(f) - Metals run by Graphite Furnace Technique.

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NYSDOH - ELAP #10067

APPROVED BY:

Conrad Engel

DATE:

MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAD SAMPLE LAD NO. 6753 QDD NO. 179,005.00

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-26
 LOCATION Land fill WELL TYPE/SIZE 2" PVC

EVAUATION

DATE 3/30/90
 WELL DEPTH 14'
 DEPTH TO WATER 3.2'
 WELL VOLUME 1.72
 METHOD Manual
 NO OF VOLUMES 4
 TOTAL VOLUME 7 gal

ITEM	START	FINISH
TIME		1415
pH	7	7.41
TEMP.	6°C	6°C
DEPTH	3.2'	-
COLOR	Clear	DK GP
APPEAR	High Turb	

QUALITY CONTROL: 1-VT-007, 2-VT-010, 3-VT-024, 4-VT-025, 5-VT-026, 6-VT-027, 7-VT-028, 8-VT-029, 9-VT-030, 10-VT-031

SAMPLING

DATE 3/30/90
 TIME 1415
 METHOD PVC Bailor
 CONTAINER 6/3-500ml, 2-vials, 1-2 gal
 SAMPLED BY R. Rodman, B. Miltner

pH 7.41
 TEMP 6°C
 COLOR DK GP
 APPEAR High Turb
 ER _____
 Cond. 400

PRESERVATION

DATE 3/30/90
 FILTERED YES _____ NO
 TIME _____
 PRESERVED YES NO _____
 TIME 1415
 PRESERVATIVE H₂SO₄ HNO₃ NaOH H₃PO₄ + CuSO₄ Ba(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

BY _____
 BY R.R., B.M.

CUSTODY

SAMPLER'S SIGNATURE R. J. Rodman

TRANSFERRED TO #1 _____
 RECEIVED BY [Signature] DATE 3/30/90 TIME _____
 #2 _____
 RECEIVED BY _____ DATE _____ TIME _____

THE OFFICE OF THE

SECRETARY

1987

[Faint, mostly illegible text covering the main body of the page]

SECRET

RECEIVED BY

(Circular stamp or signature)

DATE

RECEIVED BY



NATIONAL ENVIRONMENTAL TESTING, INC.

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

Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6754

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/30/90
JOB # : 179.005.00 DATE COLLECTED : 03/30/90
LOCATION : EARN WELL TIME COLLECTED : 1400
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	6.0	mg/l
CONDUCTANCE (field)	240.	umhos/cm
NITRATE (as N)	5.47	mg/l
pH	7.4	Standard Units
pH (field)	7.69	Standard Units
SULFATE	120.	mg/l
TOC	19.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	<0.001	mg/l
IRON	0.28	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l



SAMPLE #6754

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	6.6	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	1.6	mg/l
TOX	<10.	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLORO BENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLORO BENZENE	<5.0	ug/l



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PAGE 3 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
1,3 DICHLOROBENZENE	<5.0	ug/l
1,4 DICHLOROBENZENE	<5.0	ug/l
TRICHLOROFLUOROMETHANE	<5.0	ug/l

NOTE:

(f) - Metals run by Graphite Furnace Technique.

NET warrants that any sampling and analyses 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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Tiegler DATE: MAY 18 1990

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO.

6754 ~~65~~

SOURCE

CLIENT

Seneca Army Depot

JOB NO.

179,005,00

SAMPLE LB

BW

LOCATION DESCRIPTION

Barn Well

SAMPLING

SAMPLE TYPE

H₂O

SAMPLING METHOD

Grab

CONTAINERS:

NO.

6

TYPE

3-500 ml, 2-vials, 1- $\frac{1}{2}$ gal

COMPOSITE:

DATE SET

TIME

BY

DATE PICKED-UP

TIME

BY

GRAB:

DATE

3/30/90

TIME

1400

BY

R. Radman, B. Mitlev

NOTES:

PRESERVATION

DATE

3/30/90

FILTERED:

YES

NO

TIME

BY

PRESERVED:

YES

NO

TIME

1400

BY

R.R., B.M.

PRESERVATIVE:

H₂SO₄

HNO₃

NaOH

H₃PO₄ · CaSO₄

Zn(C₂H₃O₂)₂

COOLED TO 4°C

OTHER

HCl

NOTES:

CUSTODY

DELIVERED BY

R. Radman

DATE

3/30/90

TIME

1745

RECEIVED BY



DATE

3/30/90

TIME

CUSTODY

LABORATORY SUBCONTRACTOR

NAME OF LAB

ADDRESS

DELIVERED BY

DATE

TIME

RECEIVED BY

DATE

TIME

FIELD NOTES

Ph- 7.69, Cond- 240, Temp- 3°C

[Faint, illegible text and markings covering the upper and middle portions of the page.]

Mr. J. P. ... 25-9...

NOTE

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*Rec'd
31 May 90*

Formerly NET Northeast, Inc

To: SENECA ARMY DEPOT
BUILDING 323 MAT MGT BR
ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6755

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/30/90
 JOB # : 179.005.00 DATE COLLECTED : 03/30/90
 LOCATION : FARM HOUSE - SHALLOW WELL TIME COLLECTED : 1355
 METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	11.	mg/l
CONDUCTANCE (field)	380.	umhos/cm
NITRATE (as N)	4.27	mg/l
pH	7.2	Standard Units
pH (field)	7.55	Standard Units
SULFATE	120.	mg/l
TOC	42.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	<0.20	mg/l
CADMIUM (f)	<0.001	mg/l
CHROMIUM-T (f)	<0.001	mg/l
IRON	<0.05	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l



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SAMPLE #6755

PAGE 2 OF 3

LABORATORY ANALYSIS REPORT

PARAMETER	RESULTS	UNITS
POTASSIUM	7.5	mg/l
SELENIUM	<0.005	mg/l
SILVER	<0.03	mg/l
SODIUM	39.	mg/l
TOX	50.7	ug/l
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l
BROMODICHLOROMETHANE	<5.0	ug/l
1,2-DICHLOROPROPANE	<5.0	ug/l
TRANS-1,3-DICHLOROPROPENE	<2.0	ug/l
TRICHLOROETHYLENE	<5.0	ug/l
DIBROMOCHLOROMETHANE	<5.0	ug/l
CIS-1,3-DICHLOROPROPENE	<2.0	ug/l
1,1,2-TRICHLOROETHANE	<5.0	ug/l
BENZENE	<5.0	ug/l
2-CHLOROETHYL VINYL ETHER	<5.0	ug/l
BROMOFORM	<5.0	ug/l
TETRACHLOROETHYLENE	<5.0	ug/l
1,1,2,2-TETRACHLOROETHANE	<5.0	ug/l
TOLUENE	<5.0	ug/l
1,2 DICHLOROBENZENE	<5.0	ug/l

1

1

CHAIN OF CUSTODY SHEET
0755

LAB SAMPLE LOG NO.

SOURCE

CLIENT Seneca Army Depot. JOB NO. 179.005.00
SAMPLE ID FH-S LOCATION DESCRIPTION Farm House shallow

SAMPLING

SAMPLE TYPE H₂O SAMPLING METHOD Grab
CONTAINERS: No. 6 TYPE 3-500 ml, 2-vials, 1-1/2 gal
COMPOSITE: DATE SET _____ TIME _____ BY _____
DATE PICKED-UP _____ TIME _____ BY _____
GRAB: DATE 3/30/90 TIME 1355 BY R. Rodman, B. Mikler
NOTES _____

PRESERVATION

DATE 3/30/90
FILTERED: YES _____ NO TIME _____ BY _____
PRESERVED: YES NO _____ TIME 1355 BY R.R., B.M.
PRESERVATIVE: H₂SO₄ HNO₃ NaOH H₃PO₄·CaSO₄ Zn(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl
NOTES _____

CUSTODY

DELIVERED BY Rodman
DATE 3/30/90 TIME 1745
RECEIVED BY [Signature]
DATE 3/30/90 TIME _____

CUSTODY

LABORATORY SUBCONTRACTOR

NAME OF LAB _____
ADDRESS _____
DELIVERED BY _____
DATE _____ TIME _____
RECEIVED BY _____
DATE _____ TIME _____

FIELD NOTES

ph - 7.55, Cond. - 380, Temp. - 8°C

1-10-1985

[Faint, illegible handwritten notes covering the majority of the page]

1-10-1985

1-10-1985



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To: SENECA ARMY DEPOT
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ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6756

PAGE 1 OF 3

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT DATE RECEIVED : 03/30/90
JOB # : 179.005.00 DATE COLLECTED : 03/30/90
LOCATION : FARM HOUSE - DEEP WELL TIME COLLECTED : 1350
METHOD : GRAB

PARAMETER	RESULTS	UNITS
CHLORIDE	18.	mg/l
CONDUCTANCE (field)	370.	umhos/cm
NITRATE (as N)	<0.04	mg/l
pH	8.5	Standard Units
pH (field)	8.30	Standard Units
SULFATE	110.	mg/l
TOC	28.	mg/l
ARSENIC	<0.020	mg/l
BARIUM	0.47	mg/l
CADMIUM (f)	0.001	mg/l
CHROMIUM-T (f)	0.001	mg/l
IRON	0.31	mg/l
LEAD (f)	<0.005	mg/l
MERCURY	<0.001	mg/l

CHAIN OF CUSTODY SHEET

6756

LAD SAMPLE LAB NO

SOURCE

CLIENT Seneca Army Depot JOB NO. 179.005.00
SAMPLE ID FH-D LOCATION DESCRIPTION Farm House Deep Well

SAMPLING

SAMPLE TYPE H₂O SAMPLING METHOD Grab
CONTAINERS: No. 6 TYPE 3-500 ml, 2-vials, 1-1/2 gal
COMPOSITE: DATE SET _____ TIME _____ BY _____
DATE PICKED-UP _____ TIME _____ BY _____
GRAB: DATE 3/30/90 TIME 1350 BY R. Rodman, B. Mikler

NOTES

PRESERVATION

DATE 3/30/90
FILTERED: YES _____ NO TIME _____ BY _____
PRESERVED: YES NO _____ TIME 1350 BY R.R., B.M.
PRESERVATIVE: H₂SO₄ HNO₃ NaOH H₃PO₄ · CaSO₄ Zn(C₂H₃O₂)₂
 COOLED TO 4°C OTHER HCl

NOTES

CUSTODY

DELIVERED BY R. J. Rodman
DATE 3/30/90 TIME 1745
RECEIVED BY [Signature]
DATE 3/30/90 TIME _____

CUSTODY

LABORATORY SUBCONTRACTOR

NAME OF LAB _____
ADDRESS _____
DELIVERED BY _____
DATE _____ TIME _____
RECEIVED BY _____
DATE _____ TIME _____

FIELD NOTES

Ph-8.38, Cond-370, Temp-9°C

Faint, illegible text covering the majority of the page, possibly bleed-through from the reverse side.

FIELD NOTES

THE USE OF ...



NATIONAL ENVIRONMENTAL TESTING, INC.

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ROMULUS, NY 14541

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6757

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: SENECA ARMY DEPOT	DATE RECEIVED	: 03/30/90
JOB #	: 179.005.00	DATE COLLECTED	: 03/30/90
LOCATION	: BLANK	TIME COLLECTED	: NA
METHOD	: GRAB		

PARAMETER	RESULTS	UNITS
CHLOROMETHANE	<5.0	ug/l
BROMOMETHANE	<5.0	ug/l
VINYL CHLORIDE	<2.0	ug/l
CHLOROETHANE	<5.0	ug/l
METHYLENE CHLORIDE	<5.0	ug/l
CHLOROBENZENE	<5.0	ug/l
1,1-DICHLOROETHYLENE	<5.0	ug/l
1,1-DICHLOROETHANE	<5.0	ug/l
TRANS-1,2-DICHLOROETHYLENE	<5.0	ug/l
ETHYLBENZENE	<5.0	ug/l
CHLOROFORM	<5.0	ug/l
1,2-DICHLOROETHANE	<5.0	ug/l
1,1,1-TRICHLOROETHANE	<5.0	ug/l
CARBON TETRACHLORIDE	<5.0	ug/l

1)

2)

C



The page contains extremely faint, illegible text that appears to be bleed-through from the reverse side of the paper. The text is scattered across the page and is not readable.

CHAIN OF CUSTODY SHEET

0757

LAD SAMPLE LAB NO.

SOURCE

CLIENT

Seneca Army Depot

JOB NO.

179,005,00

SAMPLE LB

BLANK

LOCATION DESCRIPTION

Land fill

SAMPLING

SAMPLE TYPE

SAMPLING METHOD

CONTAINERS: No.

TYPE

COMPOSITE: DATE SET

TIME

BY

DATE PICKED-UP

TIME

BY

GRAB: DATE

TIME

BY

NOTES

N/A

PRESERVATION

DATE

3/30/90

FILTERED: YES

NO

TIME

BY

PRESERVED: YES

NO

TIME

BY

0800

R. Rodman

PRESERVATIVE:

H₂SO₄

HNO₃

NaOH

H₃PO₄ · CaSO₄

Zn(C₂H₃O₂)₂

COOLED TO 4°C

OTHER

HCl

NOTES

CUSTODY

DELIVERED BY

Ron Rodman

DATE

3/30/90

TIME

1745

RECEIVED BY

DATE

3/30/90

TIME

CUSTODY

LABORATORY SUBCONTRACTOR

NAME OF LAB

ADDRESS

DELIVERED BY

DATE

TIME

RECEIVED BY

DATE

TIME

FIELD NOTES