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.

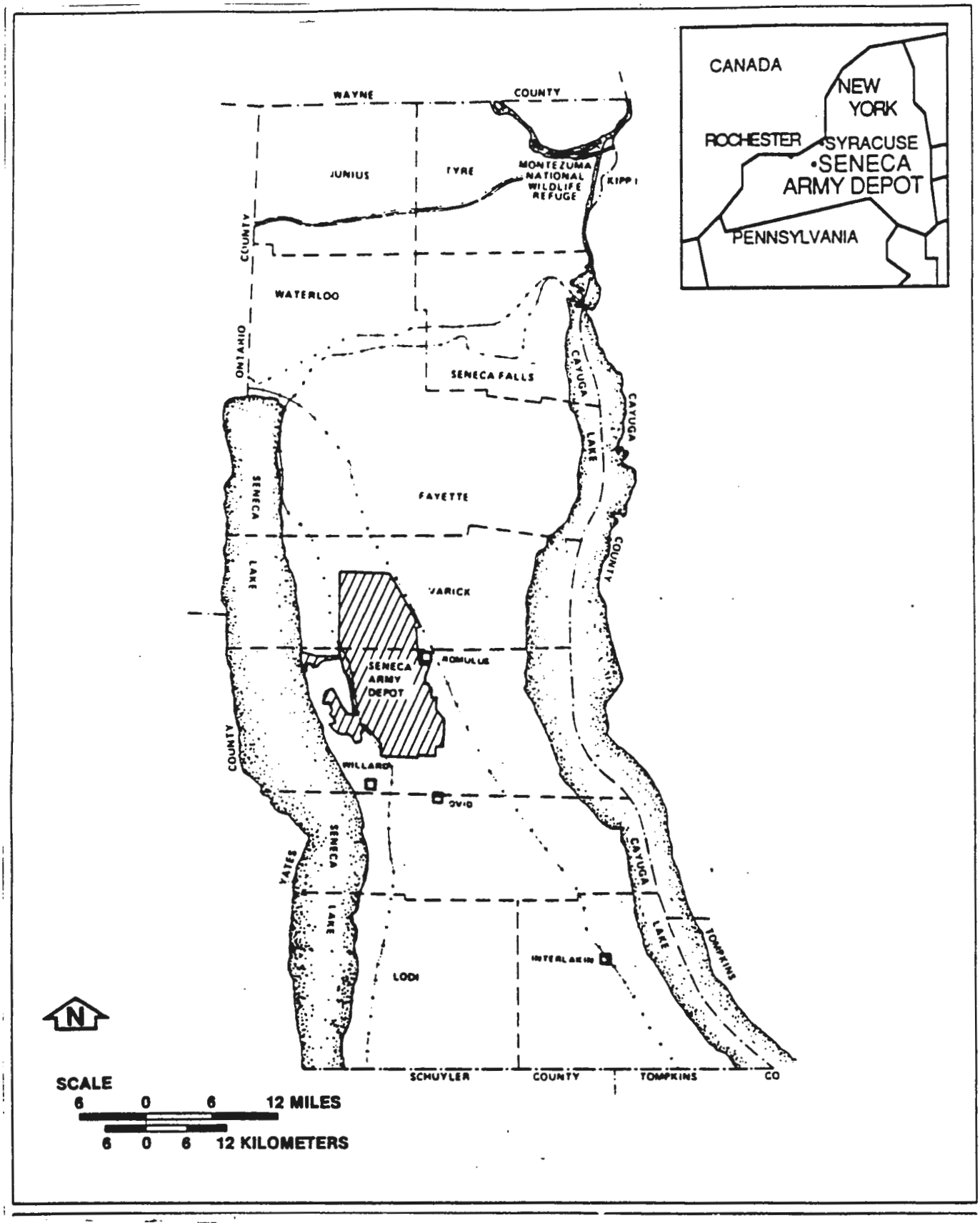


FIGURE 1 GENERAL LOCATION MAP
SENECA ARMY DEPOT

(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

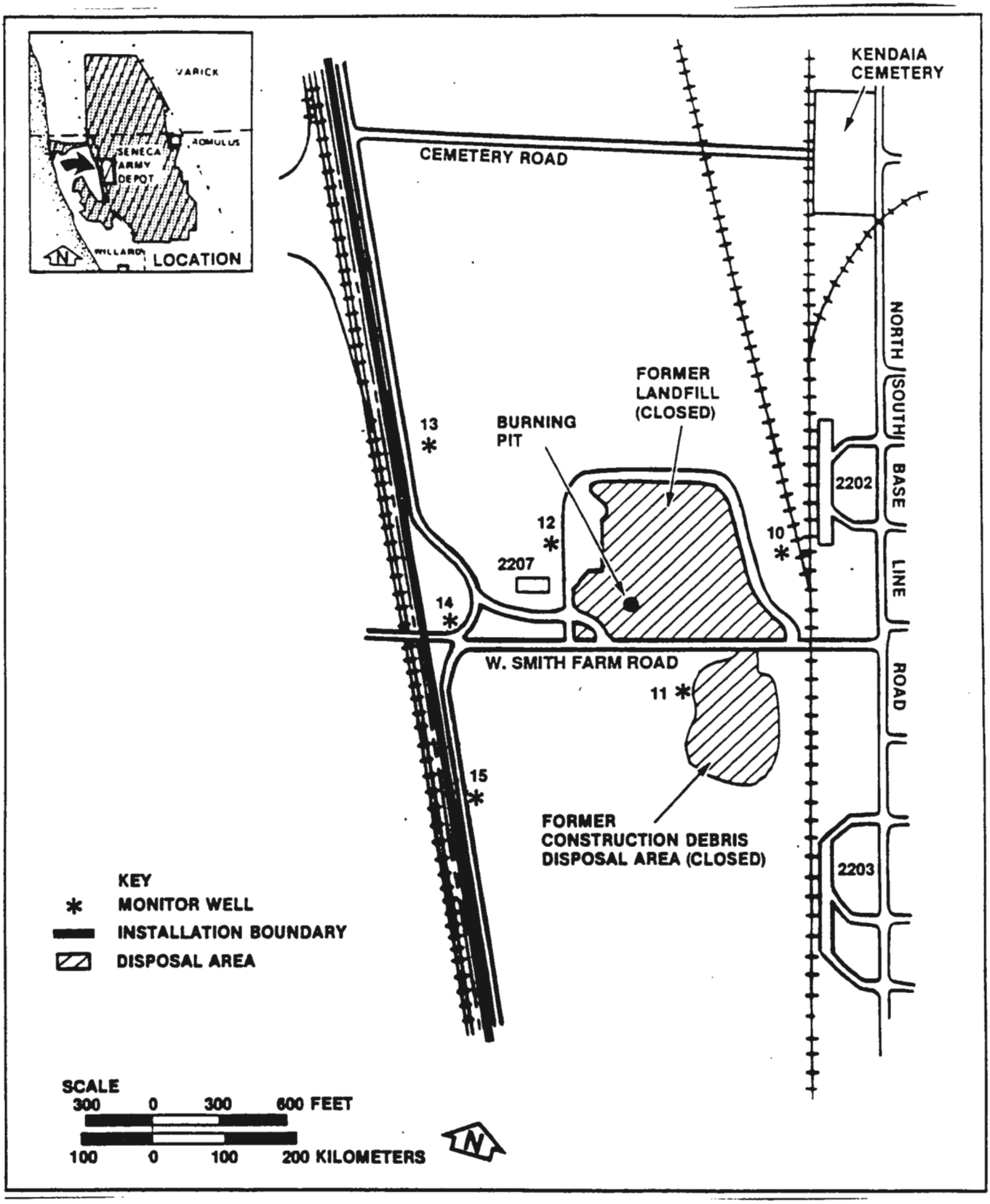


FIGURE 2 SITE LOCATION MAP
OLD LANDFILL/INCINERATOR ASH PIT AREA

performed to delineate the full extent of contamination, it's 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.

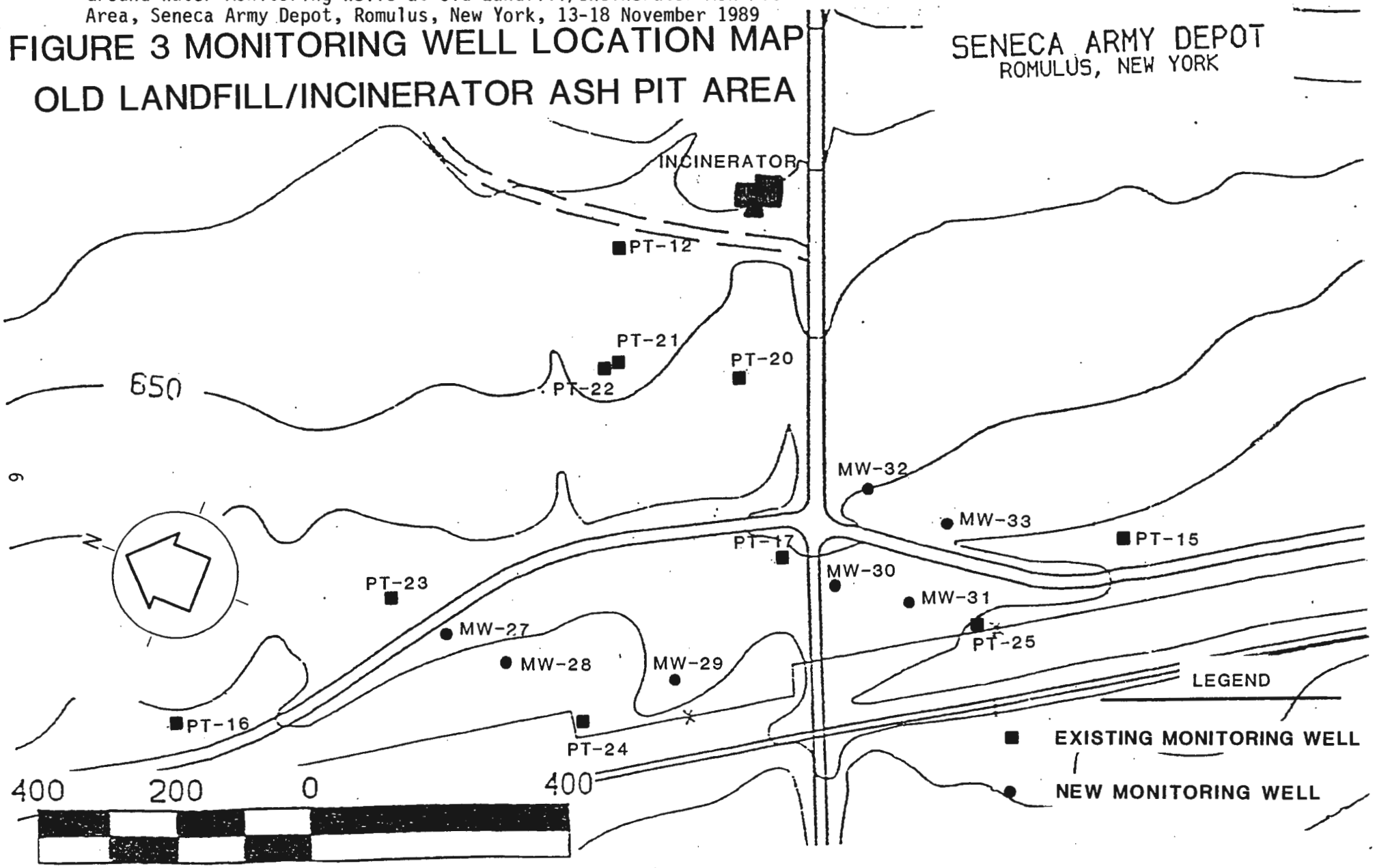
c. Regional Hydrogeology. See paragraph 3.d.(3) of the reference for discussion of the hydrogeology.

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.

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



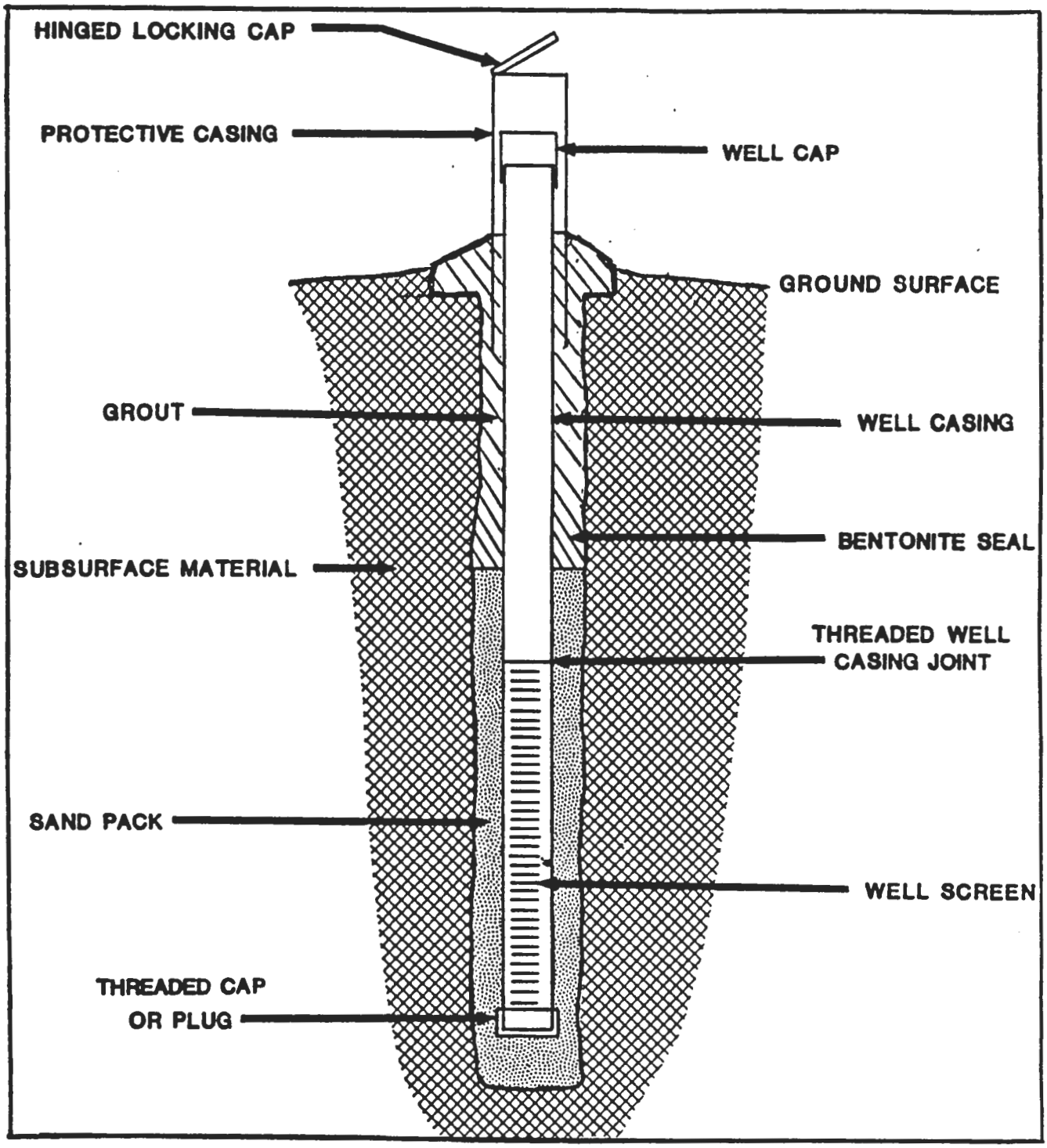


FIGURE 4
Generalized Monitoring Well Construction

(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.

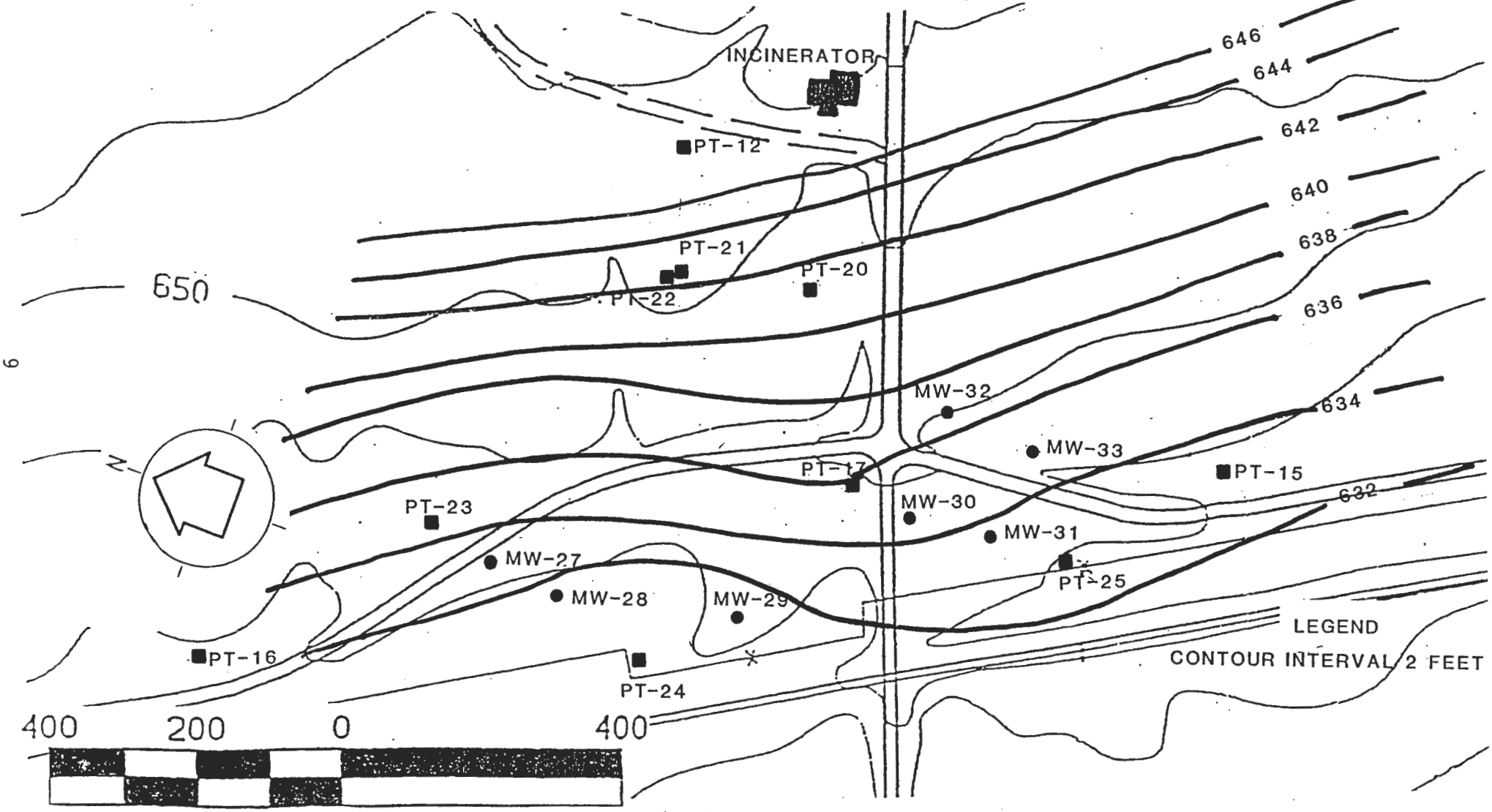
(2) The elevations were plotted on a map, and a ground-water table contour map was developed (Figure 5). The water table in the area has an overall flow direction towards the southwest.

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.

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

SENECA ARMY DEPOT
ROMULUS, NEW YORK



HSHB-ME-SG
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

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:

2 Encls

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

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					

AEHA Form 93-R, 1 JUN 88 (HSHB-ME-SG) *Previous editions of this form are obsolete.*

ENCL 1

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					

AEHA Form 93-R, 1 JUN 88 (HSHB-ME-SG) *Previous editions of this form are obsolete.*

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 hollow stem auger

BORE HOLE MW- 27

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

AEHA Form 130, 1-Nov 82

Replaces HSHB Form 78, 1 Jun 80, which will be used.

ENCL 2

US ARMY ENVIRONMENTAL HYGIENE AGENCY

DRILLING LOG

(The proponent of this form is HSHB-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 / BLOWS PER 6 IN.	DESCRIPTION	REMARKS
0		Dark brown silty clay	
1		Weathered gray shale	
5			
		BOH	
8		gray shale	
10			

AEHA Form 130, 1-Nov 82

Replaces HSHB Form 70, 1 Jun 80, which will be used.

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 from fence DRILLERS D. Kestner, S. Curran

DRILL RIG Mobile B-80 with 6-inch hollow stem auger BORE HOLE MW-29

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

AEHA Form 130, 1-Nov 82

Replaces HSHB Form 70, 1 Jun 80, which will be used.

US ARMY ENVIRONMENTAL HYGIENE AGENCY

DRILLING LOG

(The proponent of this form is HSHB-ES)

PROJECT Seneca Army Depot

DATE 14 November 1989

LOCATION 29 feet from ℄ Road 85.5 feet feet from PT-17

DRILLERS D. Kestner, S. Curran

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

BORE HOLE MW- 30

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

AEHA Form 130, 1-Nov 82

Replaces HSHB Form 78, 1 Jun 80, which will be used.

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
114.5 feet from MW-30

DRILLERS D. Kestner, S. Curran

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

BORE HOLE MW- 31

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

AEHA Form 130, 1-Nov 82

Replaces HSHB Form 78, 1 Jun 80, which will be used.

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 ℄ of intersection 148 feet from MW-30, 154 from PT-17

DRILLERS D. Kestner, S. Curran

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

BORE HOLE MW- 32

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

AEHA Form 130, 1-Nov 82

Replaces HSHB Form 78, 1 Jun 80, which will be used.

US ARMY ENVIRONMENTAL HYGIENE AGENCY

DRILLING LOG

(The proponent of this form is HSHB-ES)

PROJECT Seneca Army Depot

DATE 14 November 1989

LOCATION 49 feet from ℄ of road, 128 from MW-31, 158 feet from PT-25

DRILLERS D. Kestner, S. Curran

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

BORE HOLE MW- 33

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

AEHA Form 130, 1-Nov 82

Replaces HSHB Form 78, 1 Jun 80, which will be used.

Rec'd 5 Jun 90

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 #6899

LABORATORY ANALYSIS REPORT

****

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : MW-27
METHOD :GRAB

DATE RECEIVED : 04/02/90
DATE COLLECTED : 04/02/90
TIME COLLECTED : 1130

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

LABORATORY ANALYSIS REPORT

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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	<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

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel Jr. 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 MW-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
pH	6	6.81
TEMP.	6°C	6°C
DEPTH	5.2'	—
COLOR	Clear	DK GY
APPEAR	High Turb	

SAMPLING

DATE 4-2-90

TIME 1130

METHOD PVC Bailer

CONTAINER 2/vials

SAMPLED BY R. Rodman, B. Mikler

pH 6.81

TEMP. 6°C

COLOR DK GY

APPEAR High Turb

Eh —

Cond. - 470

PRESERVATION

DATE 4-2-90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1130 BY RR, B.M.

PRESERVATIVE ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Ba(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE Ron J Rodman

TRANSFERRED TO #1 ___

RECEIVED BY [illegible] DATE 4/2/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

NATIONAL
ENVIRONMENTAL
TESTING, INC.

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Syracuse Division
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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 #6900

LABORATORY ANALYSIS REPORT

****

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : MW-28
METHOD :GRAB

DATE RECEIVED : 04/02/90
DATE COLLECTED : 04/02/90
TIME COLLECTED : 1135

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 #6900

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	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

NYSDOH - ELAP #10067

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

NET

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 GY
APPEAR.	High Turb	

SAMPLING

DATE 4-2-90

TIME 1135

METHOD PVC Bailer

CONTAINER 2 vials

SAMPLED BY R. Rodman, B. Mikler

pH 6.90

TEMP 7°C

COLOR DK GY

APPEAR High Turb

Eh —

Cond.- 360

PRESERVATION

DATE 4-2-90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1135 BY R.R., B.M.

PRESERVATIVE ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Ba(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE Ric J Rodman

TRANSFERRED TO #1 ___

RECEIVED BY KA DATE 4/2/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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

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

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

NYSDOH - ELAP #10067 APPROVED BY: Conrad Teufel Jr. DATE: APR 24 1990

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6901 JOB NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO MW-29

LOCATION Landfill 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
pH	6	6.94
TEMP.	7°c	7°c
DEPTH	6.1'	—
COLOR	Clear	DK BR
APPEAR.	High Turb	

SAMPLING

DATE 4-2-90

TIME 1140

METHOD PVC Bailer

CONTAINER 2 vials

SAMPLED BY R. Rodman, B. Miller

pH 6.94

TEMP 7°c

COLOR DK BR

APPEAR High Turb

Eh —

Cond. - 420

PRESERVATION

DATE 4-2-90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1140 BY R.R., B.M.

PRESERVATIVE ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'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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Formerly: NET Northeast, Inc.

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

Date: Apr 24 1990

Attention: COMMANDER

****

SAMPLE #6902

LABORATORY ANALYSIS REPORT

****

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : MW-30
METHOD :GRAB

DATE RECEIVED : 04/02/90
DATE COLLECTED : 04/02/90
TIME COLLECTED : 1145

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

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

NYSDOH - ELAP #10067

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

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6902 JOB NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO MW-30

LOCATION LandRill 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 GY
APPEAR.	Med Turb	

SAMPLING

DATE 4-2-90

TIME 1145

METHOD PVC Bailer

CONTAINER 2 vials

SAMPLED BY R. Rodman, B. Mikler

pH 7.11

TEMP 4°C

COLOR LT GY

APPEAR Med Turb

EH

Cond. - 390

PRESERVATION

DATE 4-2-90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1145 BY R.R., B.M.

PRESERVATIVE ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE R. J. Rodman

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RECEIVED BY [signature] DATE 4/2/90 TIME ___

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RECEIVED BY ___ DATE ___ TIME ___

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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

LABORATORY ANALYSIS REPORT

****

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : MW-31
METHOD :GRAB

DATE RECEIVED : 04/02/90
DATE COLLECTED : 04/02/90
TIME COLLECTED : 1125

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

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

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel

DATE: APR 24 1990

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6903 JOB NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO. MW-31

LOCATION Land Fill 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 GY
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 GY

APPEAR. High Turb

Eh —

Cond. - 350

PRESERVATION

DATE 4-2-90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1125 BY R.R., B.M.

PRESERVATIVE ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'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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Formerly: NET Northeast, Inc

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

Date: Apr 24 1990

Attention: COMMANDER

****

SAMPLE #6904

LABORATORY ANALYSIS REPORT

****

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : MW-32
METHOD :GRAB

DATE RECEIVED : 04/02/90
DATE COLLECTED : 04/02/90
TIME COLLECTED : 1120

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

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

NYSDOH - ELAP #10067 APPROVED BY: Conrad Teufel 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
pH	6	7.14
TEMP.	6°	6°c
DEPTH	4.7'	—
COLOR	Clear	DK BR
APPEAR	High Turb	

SAMPLING

DATE 4-2-90

TIME 1120

METHOD PVC Bailer

CONTAINER 2 vials

SAMPLED BY R. Rodman, B. Mikler

pH 7.14

TEMP. 6°c

COLOR DK BR

APPEAR High Turb

Eh —

Cond. - 410

PRESERVATION

DATE 4-2-90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1120 BY R.R., B.M.

PRESERVATIVE ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

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

Date: Apr 24 1990

Attention: COMMANDER

****

SAMPLE #6905

LABORATORY ANALYSIS REPORT

****

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : MW-33
METHOD :GRAB

DATE RECEIVED : 04/02/90
DATE COLLECTED : 04/02/90
TIME COLLECTED : 1115

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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Syracuse Division
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Formerly: NET Northeast, Inc

****

SAMPLE #6905

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

NYSDOH - ELAP #10067

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

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6905 JOB NO. 179.005.00

SOURCE

CLIENT: Seneca Army Depot WELL NO: MW-33

LOCATION: Landfill 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 GY
APPEAR	High Turb	

SAMPLING

DATE: 4-2-90

TIME: 1115

METHOD: PVC Bailer

CONTAINER: 2 vials

SAMPLED BY: R. Rodman, B. Winkler

pH: 7.14

TEMP: 4°c

COLOR: DK GY

APPEAR: High Turb

EH: —

Cond. - 380

PRESERVATION

DATE: 4-2-90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1115 BY R.R., B.M.

PRESERVATIVE ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE: Ken J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY [signature] DATE 4/2/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

EPA 624

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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

LABORATORY ANALYSIS REPORT

****

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : BLANK
METHOD :GRAB

DATE RECEIVED : 04/02/90
DATE COLLECTED : 04/02/90
TIME COLLECTED : NA

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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East Syracuse, NY 13057
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Fax: (315) 449-1611

Formerly: NET Northeast, Inc.

SAMPLE #6906

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

NYSDOH - ELAP #10067

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

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG No. 6906

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: N/A

DATE PICKED-UP: TIME: BY:

GRAB: DATE: TIME: BY:

NOTES:

PRESERVATION

DATE: 4-2-90

FILTERED: YES: NO: ✓ TIME: BY:

RECEIVED: YES: ✓ NO: TIME: 0800 BY: R. Rodman

PRESERVATIVE: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CoSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER: HCl

NOTES:

CUSTODY

DELIVERED BY: Ron J. Robinson

DATE: 4-2-90 TIME: 1500

RECEIVED BY:

DATE: 4/2/90 TIME:

CUSTODY — LABORATORY SUBCONTRACTOR

NAME OF LAB:

ADDRESS:

DELIVERED BY:

DATE: TIME:

RECEIVED BY:

DATE: TIME:

FIELD NOTES

NET
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Formerly NET Northeast, Inc.

Rec'd 31 May 90

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

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6712

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

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

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SAMPLE #6712

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-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

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Formerly: NET Northeast, Inc

SAMPLE #6712

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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufelt DATE: MAY 18 1990

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6712 JOB NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO PT-10

LOCATION Landfill 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
pH	7	7.17
TEMP.	7°c	7°c
DEPTH	5.7'	—
COLOR	Clear	LT GY
APPEAR	Low Turb	

SAMPLING

DATE 3/29/90 pH 7.17

TIME 1320 TEMP 7°C

METHOD PVC Bailer COLOR LT GY

CONTAINER 6/3-500mL, 2-vials, 1-½ gal APPEAR Low Turb

SAMPLED BY R. Rodman, B. Mikler EH

Cond. - 530

PRESERVATION

DATE 3/29/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME ___ BY R. Rodman, B. Mikler

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE Ron J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY [illegible] DATE 3/29/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

NATIONAL ENVIRONMENTAL TESTING, INC.

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Syracuse Division
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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 #6713

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-11
METHOD :GRAB

DATE RECEIVED : 03/29/90
DATE COLLECTED : 03/29/90
TIME COLLECTED : 1335

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

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Syracuse Division
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East Syracuse, NY 13057
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Formerly NET Northeast, Inc

SAMPLE #6713

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
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-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

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SAMPLE #6713

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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel DATE: MAY 18 1990

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6713 JOB NO. 129.005 00.

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-11

LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

DATE 3/29/90

WELL DEPTH 19.4'

DEPTH TO WATER 5.1'

WELL VOLUME 2.28

METHOD Manual

NO OF VOLUMES 3

TOTAL VOLUME 8 gal

ITEM	START	FINISH
TIME		1335
pH	6	7.22
TEMP.	8°c	8°c
DEPTH	5.1'	—
COLOR	Clear	DK GY
APPEAR.	High Turb	

SAMPLING

DATE 3/29/90

TIME 1335

METHOD PVC Bailer

CONTAINER 6/3-500 ml, 2-vials, 1-½ gal

SAMPLED BY R. Rodman, B. Mikler

pH 7.22

TEMP. 8°c

COLOR DK GY

APPEAR. High Turb

EH

Cond. - 740

PRESERVATION

DATE 3/29/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1335 BY R. Rodman, B. Mikler

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE R. J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY RA DATE 3/29/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

NATIONAL ENVIRONMENTAL TESTING, INC.

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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 #6714

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-15
METHOD :GRAB

DATE RECEIVED : 03/29/90
DATE COLLECTED : 03/29/90
TIME COLLECTED : 1400

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

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SAMPLE #6714

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
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-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

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SAMPLE #6714

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.

NYSDOH - ELAP #10067 APPROVED BY: Conrad Teufel Jr. DATE: MAY 18 1990

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB 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
pH	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, 1-½ gal

SAMPLED BY R. Rodman, B. Mikler

pH 7.54

TEMP. 7°C

COLOR DK GY

APPEAR. Med Turb

Eh

Cond.- 350

PRESERVATION

DATE 3/29/90

FILTERED YES ✓ NO ✓ TIME BY

PRESERVED YES ✓ NO TIME 1400 BY R. Rodman, B. Mikler

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE R. J. Rodman

TRANSFERRED TO #1

RECEIVED BY [illegible] 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

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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

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-16
METHOD :GRAB

DATE RECEIVED : 03/29/90
DATE COLLECTED : 03/29/90
TIME COLLECTED : 1350

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

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Syracuse Division
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Formerly NET Northeast, Inc

SAMPLE #6715

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-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

NATIONAL ENVIRONMENTAL TESTING, INC.

NET Atlantic, Inc.
Syracuse Division
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Tel: (315) 446-8795
Fax: (315) 449-1611

Formerly NET Northeast, Inc

SAMPLE #6715

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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel Jr. DATE: MAY 18 1990

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6715 JOB NO. 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO. PT-16

LOCATION Land Fill 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, 1-½ gal

SAMPLED BY R. Radman, B. Miskler

pH 7.35

TEMP. 4°c

COLOR LT BR

APPEAR. Med Turb

Eh —

Cond. - 350

PRESERVATION

DATE 3/29/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1350 BY R. Radman, B. Miskler

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE Ron J. Radman

TRANSFERRED TO #1 ___

RECEIVED BY [signature] DATE 3/29/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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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 #6716

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-25
METHOD :GRAB

DATE RECEIVED : 03/29/90
DATE COLLECTED : 03/29/90
TIME COLLECTED : 1410

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

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SAMPLE #6716

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
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-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

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Formerly NET Northeast, Inc

SAMPLE #6716

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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel Jr. DATE: MAY 18 1990

NET

SAMPLE CHARACTERIZATION AND CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6716 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 GY
APPEAR.	High Turb	

SAMPLING

DATE 3/29/90

TIME 1410

METHOD PVC Bailer

CONTAINER 6/3-500 ml, 2-vials, 1-½ gal

SAMPLED BY R. Rodman, B. Mikler

pH 7.29

TEMP 7°C

COLOR DK GY

APPEAR High turb

EH

Cond.- 380

PRESERVATION

DATE 3/29/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1410 BY R. Rodman, B. Mikler

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE Ron J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY [signature] DATE 3/29/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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 #6717

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT

JOB # : 179.005.00

LOCATION : BLANK

METHOD :GRAB

DATE RECEIVED : 03/29/90

DATE COLLECTED : 03/29/90

TIME COLLECTED : NA

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

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

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

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufelf DATE: MAY 18 1990

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG No. 67217

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: 3/29/

FILTERED: YES NO TIME: BY:

PRESERVED: YES NO TIME: 0800 BY: R. Rodman

PRESERVATIVE: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CoSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

NOTES:

CUSTODY

DELIVERED BY: Ken J. 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

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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 #6745

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-12
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1210

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

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Formerly NET Northeast, Inc

SAMPLE #6745

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-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

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SAMPLE #6745

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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel Jr. DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6745 JOB 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
pH	6	6.75
TEMP.	5°c	5°c
DEPTH	5.8'	—
COLOR	Clear	LT BR
APPEAR	Med Turb	

SAMPLING

DATE: 3/30/90

TIME: 1210

METHOD: PVC Bailer

CONTAINER: 6/3-500 ml, 2-vials, 1-½ gal

SAMPLED BY: R. Rodman, B. Mikler

pH: 6.75

TEMP: 5°c

COLOR: LT BR

APPEAR: Med Turb

EH: —

Cond. - 460

PRESERVATION

DATE: 3/30/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1210 BY R.R., B.M.

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Pb(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE: Ric J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY: RA DATE: 3/30/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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NET Atlantic, Inc.
Syracuse Division
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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 #6746

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-17
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1125

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

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

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SAMPLE #6746

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
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	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-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

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Formerly NET Northeast, Inc

SAMPLE #6746

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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufelp DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAB 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
pH	6	6.96
TEMP.	5°C	5°C
DEPTH	4.7'	—
COLOR	Clear	LT GY
APPEAR	Med Turb	

SAMPLING

DATE 3/30/90

TIME 1125

METHOD PVC Bailer

CONTAINER 6/3-500 ml, 2-vials, 1-½ gal

SAMPLED BY R. Rodman, B. Miklev

pH 6.96

TEMP 5°C

COLOR LT GY

APPEAR Med Turb

EH —

Cond.- 340

PRESERVATION

DATE 3/30/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1125 BY R.R., B.M.

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE Ron J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY RA DATE 3/30/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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 #6747

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-18
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1220

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

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

SAMPLE #6747

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
CHLOROBENZENE	<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-CHLOROETHYLVINYL 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

LABORATORY ANALYSIS REPORT

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

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

NYSDOH - ELAP #10067 APPROVED BY: Conrad Teufel Jr. DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO 6747 GGG NO 129.003.00

SOURCE

CLIENT Seneca Army Depot WELL NO PT-18

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 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, 1-½ gal

SAMPLED BY R. Rodman, B. Mikler

pH 6.80

TEMP 5°C

COLOR LT BR

APPEAR High Turb

Eh —

Cond.- 680

PRESERVATION

DATE 3/30/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1220 BY R.R., B.M.

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Pb(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE Ron J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY RA DATE 3/30/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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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 #6748

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT

JOB # : 179.005.00

LOCATION : PT-20

METHOD :GRAB

DATE RECEIVED : 03/30/90

DATE COLLECTED : 03/30/90

TIME COLLECTED : 1155

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

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East Syracuse, NY 13057
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SAMPLE #6748

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-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

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SAMPLE #6748

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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Seufelp DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO 6748 JOB 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 .9 l

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 GY
APPEAR	Med Turb	

SAMPLING

DATE 3/30/90 pH 7.16

TIME 1155 TEMP 4°C

METHOD PVC Bailer COLOR LT GY

CONTAINER 6/3-500 mL, 2-vials, 1-½ gal APPEAR Med Turb

SAMPLED BY R. Rodman, B. Mikler EH —

Cond.- 360

PRESERVATION

DATE 3/30/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1155 BY R.R., B.M.

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Pb(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE Kim J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY KCA DATE 3/30/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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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 26 1990

Attention: COMMANDER

****

SAMPLE #6749

LABORATORY ANALYSIS REPORT

****

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-21
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1145

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 #6749

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

NYSDOH - ELAP #10067 APPROVED BY: Conrad Teufel DATE: APR 27 1990

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 #6749

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-21
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1145

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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Syracuse Division
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Formerly NET Northeast, Inc

SAMPLE #6749

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

NYSDOH - ELAP #10067 APPROVED BY: Conrad Teufel DATE: MAY 18 1990

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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 #6717

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : BLANK
METHOD :GRAB

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

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

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

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6749 JOB NO. 179.005.00

SOURCE

CLIENT: Seneca Army Depot WELL NO. PT-21

LOCATION: Landfill WELL TYPE/SIZE: 2" PVC

EVACUATION

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 GY
APPEAR	Med Turb	

SAMPLING

DATE: 3/30/90 pH: 7.37

TIME: 1145 TEMP: 8°C

METHOD: PVC Bailer COLOR: LT GY

CONTAINER: 2-Vials APPEAR: Med Turb

SAMPLED BY: R. Rodman, B. Mikler Eh: —

* 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 ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1145 BY RR., B.M.

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Ba(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE: Ron J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY: [signature] DATE: 3/30/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

EPA 624

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

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-22
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1135

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
TOC		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

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TESTING, INC.

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Syracuse Division
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Formerly NET Northeast, Inc

SAMPLE #6750

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
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	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-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

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Fax: (315) 449-1611

Formerly NET Northeast, Inc

SAMPLE #6750

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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel Jr DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6750 JOB 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 GY
APPEAR	Med Turb	

SAMPLING

DATE: 3/30/90

TIME: 1135

METHOD: PVC Bailer

CONTAINER: 6 | 3-500 mL, 2-vials, 1-½ gal

SAMPLED BY: R. Rodman, B. Mikler

pH: 7.38

TEMP: 6°c

COLOR: DK GY

APPEAR: Med Turb

Eh: —

Cond. - 460

PRESERVATION

DATE: 3/30/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1135 BY R.R., B.M.

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Ba(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE: R. J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY: RM DATE: 3/30/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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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 24 1990

Attention: COMMANDER

SAMPLE #6751

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-23
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1105

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

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SAMPLE #6751

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-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

NET

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO. 6750 JOB NO. 179.005.00

SOURCE

CLIENT: Seneca Army Depot WELL NO. PT-23

LOCATION: Landfill 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.	4°c	4°c
DEPTH	4.7'	—
COLOR	Clear	LT BR
APPEAR	High Turb	

SAMPLING

DATE: 3/30/90

TIME: 1105

METHOD: PVC Bailer

CONTAINER: 6/3-500 ml, 2-vials, 1-½ gal

SAMPLED BY: R. Rodman/B. Mikler

pH: 7.45

TEMP: 4°c

COLOR: LT BR

APPEAR: High Turb

EH: —

Cond.- 280

PRESERVATION

DATE: 3/30/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1105 BY R.R., B.M.

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE: Ron J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY: RM DATE: 3/30/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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SAMPLE #6751

LABORATORY ANALYSIS REPORT

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

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

NYSDOH - ELAP #10067 APPROVED BY: Conrad Teufel Jr. DATE: 5/24/90

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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

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT

JOB # : 179.005.00

LOCATION : PT-24

METHOD :GRAB

DATE RECEIVED : 03/30/90

DATE COLLECTED : 03/30/90

TIME COLLECTED : 1115

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

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Formerly NET Northeast, Inc

SAMPLE #6752

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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO 6752 GGG NO 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO PT-24

LOCATION Landfill WELL TYPE/SIZE 2" PVC

EVACUATION

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.	7°C	7°C
DEPTH	4.6'	—
COLOR	Clear	DK GY
APPEAR	Med Turb	

SAMPLING

DATE 3/30/90

TIME 1115

METHOD PVC Bailer

CONTAINER 6 | 3-500 ml, 2-vials, 1-½ gal

SAMPLED BY R. Rodman, B. Mikler

pH 7.44

TEMP 7°C

COLOR DK GY

APPEAR Med Turb

Eh —

Cond. - 330

PRESERVATION

DATE 3/30/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1115 BY R.R., BM.

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 + CuSO_4$ ☐ $Ba(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE Ron J Rodman

TRANSFERRED TO #1 ___

RECEIVED BY [signature] DATE 3/30/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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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 #6753

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : PT-26
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1415

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

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Formerly NET Northeast, Inc

SAMPLE #6753

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-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

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SAMPLE #6753

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.

NYSDOH - ELAP #10067

APPROVED BY: Conrad Teufel Jr. DATE: MAY 18 1990

NET

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG NO 6753 JOB NO 179.005.00

SOURCE

CLIENT Seneca Army Depot WELL NO PT-26

LOCATION Land fill WELL TYPE/SIZE 2" PVC

EVACUATION

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 GY
APPEAR	High Turb	

SAMPLING

DATE 3/30/90 pH 7.41

TIME 1415 TEMP 6°C

METHOD PVC Bailer COLOR DK GY

CONTAINER 6/3-500 mL, 2-vials, 1-½ gal APPEAR High Turb

SAMPLED BY R. Rodman, B. Mikler EH —

Cond.- 400

PRESERVATION

DATE 3/30/90

FILTERED YES ___ NO ✓ TIME ___ BY ___

PRESERVED YES ✓ NO ___ TIME 1415 BY R.R., B.M.

PRESERVATIVE ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

CUSTODY

SAMPLER'S SIGNATURE Ken J. Rodman

TRANSFERRED TO #1 ___

RECEIVED BY [signature] DATE 3/30/90 TIME ___

#2 ___

RECEIVED BY ___ DATE ___ TIME ___

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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

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : BARN WELL
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1400

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

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SAMPLE #6754

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
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-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

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SAMPLE #6754

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.

NYSDOH - ELAP #10067 APPROVED BY: Conrad Teufel 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 ID: BW LOCATION DESCRIPTION: Barn Well

SAMPLING

SAMPLE TYPE: H_2O SAMPLING METHOD: Grab

CONTAINERS: No. 6 TYPE: 3-500 mL, 2-vials, 1-½ gal

COMPOSITE: DATE SET ____ TIME ____ BY ____

DATE PICKED-UP ____ TIME ____ BY ____

GRAB: DATE 3/30/90 TIME 1400 BY R. Rodman, B. Mikler

NOTES:

PRESERVATION

DATE 3/30/90

FILTERED: YES ____ NO ✓ TIME ____ BY ____

PRESERVED: YES ✓ NO ____ TIME 1400 BY R.R., B.M.

PRESERVATIVE: ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

NOTES:

CUSTODY

DELIVERED BY: Rick J. Rodman

DATE 3/30/90 TIME 1745

RECEIVED BY: [illegible]

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

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

Formerly NET Northeast, Inc

Rec'd 31 May 90

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

Date: May 18 1990

Attention: COMMANDER

SAMPLE #6755

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : FARM HOUSE - SHALLOW WELL
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1355

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

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

SAMPLE #6755

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-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

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG No. 6755.

SOURCE

PROJECT Seneca Army Depot JOB No. 179.005.00

SAMPLE ID FH-S LOCATION DESCRIPTION Farm House Shallow

SAMPLING

SAMPLE TYPE H_2O SAMPLING METHOD Grab

CONTAINERS: No. 6 TYPE 3-500 ml, 2-vials, 1-½ gal

COMPOSITE: DATE SET _____ TIME _____ BY _____

DATE PICKED-UP _____ TIME _____ BY _____

GRAB: DATE 3/30/90 TIME 1355 BY R. Rodman, B. Miller

NOTES

PRESERVATION

DATE 3/30/90

FILTERED: YES _____ NO ✓ TIME _____ BY _____

PRESERVED: YES ✓ NO _____ TIME 1355 BY R.R., B.M.

PRESERVATIVE: ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

NOTES

CUSTODY

DELIVERED BY Ron 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 - 7.55, Cond. - 380, Temp - 8°C

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 #6756

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : SENECA ARMY DEPOT
JOB # : 179.005.00
LOCATION : FARM HOUSE - DEEP WELL
METHOD :GRAB

DATE RECEIVED : 03/30/90
DATE COLLECTED : 03/30/90
TIME COLLECTED : 1350

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)		8.38	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

LAB SAMPLE LOG No. 60756

SOURCE

CLIENT: Seneca Army Depot JOB No. 179.005.00

SAMPLE ID: FH-D LOCATION DESCRIPTION: Farm House Deep Well

SAMPLING

SAMPLE TYPE: H_2O SAMPLING METHOD: Grab

CONTAINERS: No. 6 TYPE: 3-500 ml, 2-vials, 1-½ 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: ☒ H_2SO_4 ☒ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☒ COOLED TO 4°C ☒ OTHER HCl

NOTES:

CUSTODY

DELIVERED BY: R. J. Rodman

DATE: 3/30/90 TIME: 1745

RECEIVED BY: [illegible]

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, Condr-370, Temp-9°C

NATIONAL ENVIRONMENTAL TESTING, INC.

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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 #6757

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

CHAIN OF CUSTODY SHEET

LAB SAMPLE LOG No. 6757

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: 3/30/90

FILTERED: YES: NO: ✓ TIME: BY:

PRESERVED: YES: ✓ NO: TIME: 0800 BY: R. Rodman

PRESERVATIVE: ☐ H_2SO_4 ☐ HNO_3 ☐ NaOH ☐ $H_3PO_4 \cdot CuSO_4$ ☐ $Zn(C_2H_3O_2)_2$

☐ COOLED TO 4°C ☒ OTHER: HCl

NOTES:

CUSTODY

DELIVERED BY: Ron Rodman

DATE: 3/30/90 TIME: 1745

RECEIVED BY: [illegible]

DATE: 3/30/90 TIME:

CUSTODY — LABORATORY SUBCONTRACTOR

NAME OF LAB:

ADDRESS:

DELIVERED BY:

DATE: TIME:

RECEIVED BY:

DATE: TIME:

FIELD NOTES