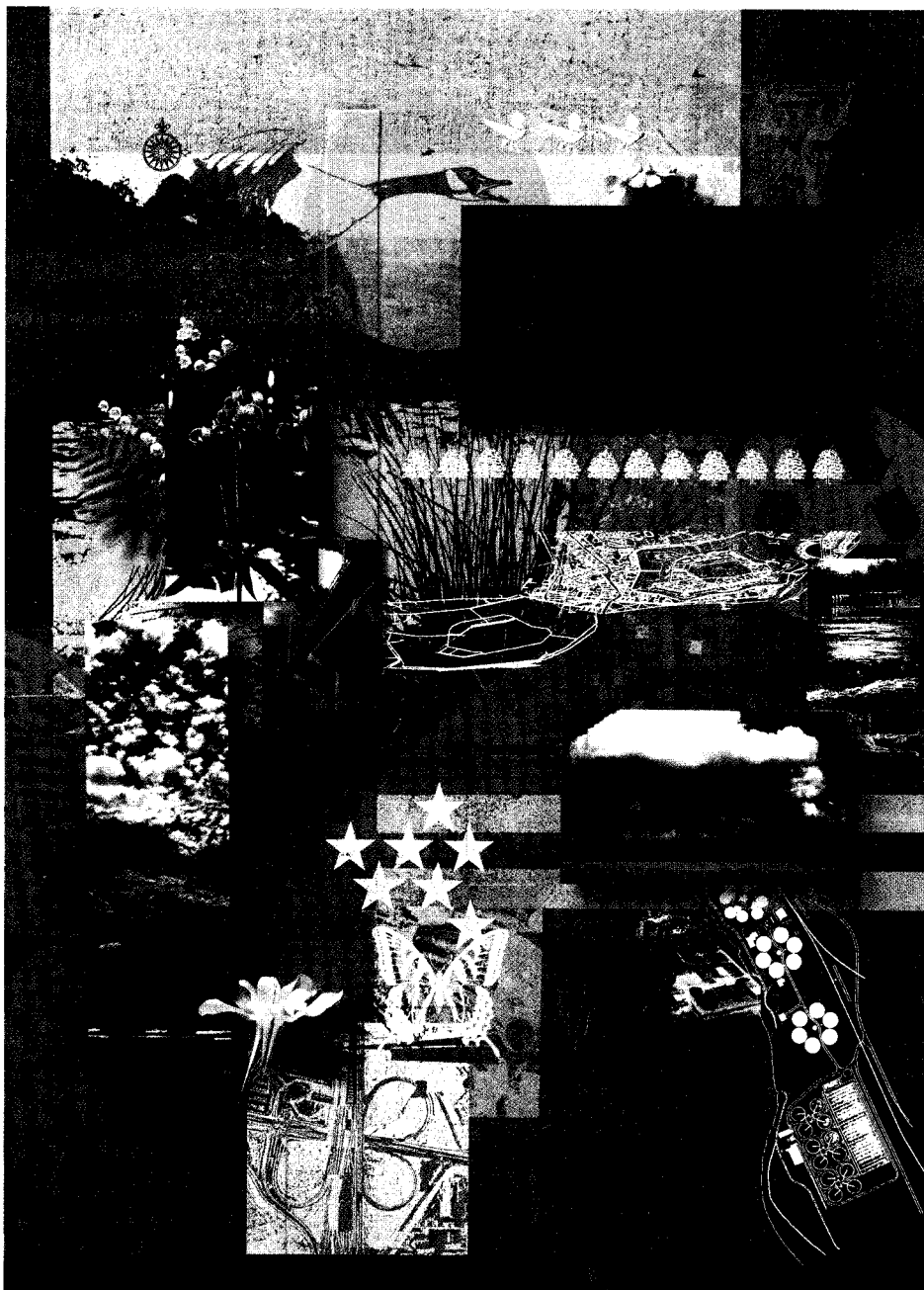
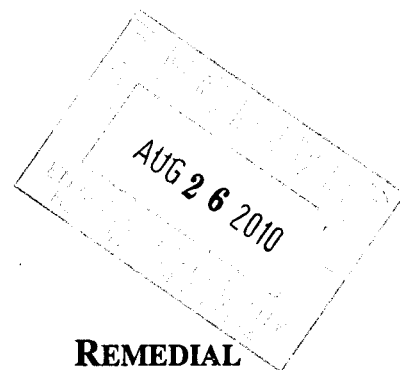


Quality • Integrity • Creativity • Responsiveness



*Quality through
teamwork*



**REMEDIAL
INVESTIGATION
REPORT**

**ORANGE & ROCKLAND
UTILITIES, INC.**

**INACTIVE HAZARDOUS
WASTE DISPOSAL SITE
(I.D.#: 3-44-014)**

WEST NYACK, NY

**Volume 2 of 3
(Appendix A-K)**

Prepared for:

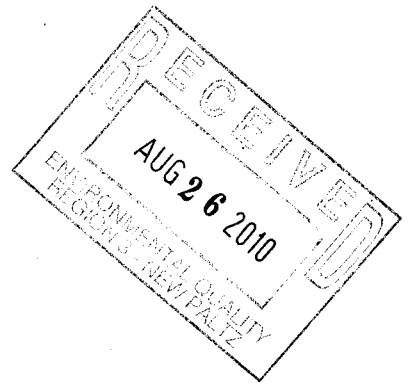
**Orange and Rockland
Utilities, Inc.
1 Blue Hill Plaza
Pearl River, New York**

Prepared by:

**Rust Environment &
Infrastructure
12 Metro Park Road
Albany, New York 12205**

**April 24, 1996/Revised
July 1996**

**Rust Environment
& Infrastructure**



APPENDIX A

Water-Level Data

PROJECT: <u>ORU</u>	JOB NUMBER <u>38301.300</u>
LOCATION: <u>WEST NYACK</u>	DATE <u>3/13/96</u>
CLIENT: <u>ORU</u>	MEASURED BY <u>KLW/KMS</u>
SURVEY DATUM: _____	
MEASURING DEVICE: <u>WATER LEVEL METER</u>	

[illegible]

Apr 10/98 PURGE WATER DRUM FOR MW-7 HAS BEEN RIGGED OVER - DRUM WAS EMPTY. West Level Data
PURGE WATER DRUM FOR 8 MW-15 HAS BEEN HIT + DRAINED. DRUM NOT APPROX. TO 220 PSI.

MEASURED BY MAW

Water Level Data

WATER LEVEL DATA SUMMARY

[illegible]

APPENDIX B

Soil Boring Logs

- B.1 Explanation (Modified Burmister
and Unified Soil Classification
Systems**
- B.2 UST Area**
- B.3 Dry Well Area**
- B.4 Suspected Disposal Area**
- B.5 Overburden Monitoring Well**
- B.6 Bedrock Interface Monitoring Wells**

B.1

**Explanation Modified Burmister
and
Unified Soil Clasification
Systems**

IMPORTANT FEATURES OF THE MODIFIED BURMISTER SYSTEM USED BY RUST ENVIRONMENT & INFRASTRUCTURE

The following is a summarized outline designating important features of the Modified Burmister Soil Classification System that is utilized by Rust Environment & Infrastructure. This outline is intended to assist those unfamiliar with this system, and aid in the interpretation of Test Boring Log Data.

I. If the **DOMINANT COMPONENT** represents:

A. **MORE THAN 50%** of the sample

1. the abbreviated and written forms of that component are CAPITALIZED.

B. **LESS THAN 50%** of the sample

1. Sand is described **FIRST**, even if it is not the most abundant component.
2. **ONLY** the abbreviation and the **FIRST LETTER** of the written form of that component are capitalized.

II. If **SAND** is the **DOMINANT COMPONENT**:

Sand is described **FIRST** followed by a comma, followed next by the proper adjective defining proportion and the description of the **COMPONENT WHICH PASSES THE #200 SIEVE**. A comma, adjective of proportion and description for the gravel component follow next.

III. If **GRAVEL OR THE COMPONENT PASSING THE #200 SIEVE** is the **DOMINANT COMPONENT AND** represents **OVER 50%** of the sample:

That component is described **FIRST**, followed by the adjective of proportion **FOR ALL REMAINING COMPONENTS** followed by a comma. The Sand description is written **NEXT**, followed by a comma and the adjective of proportion describing the remaining component (based upon the **WHOLE sample**). The description of the remaining component is written next.

IV. **IF LESS THAN 10% of a SPECIFIC COMPONENT** is coarse, medium, or fine (c,m,f), that fraction is omitted from the description.

V. Descriptions of materials passing the #200 sieve are derived from the field identification of plasticity.

CRITERIS FOR FIELD IDENTIFICATION OF PLASTICITY

Burmister Description	Degree of Plasticity	Overall Plasticity Index	Feel & Smear Appearance	Ease of Rolling Threads of Soil	Smallest Diameter of Thread (Inches)
Silt (\$)	Non-plastic	0	gritty to rough	no threads can be rolled	N/A
Clayey Silt (Cy\$)	Slight	1 - 5	rough to smooth	difficult	1/4 
Silt & Clay (\$&C)	Low	5 - 10	rough to smooth	less difficult	1/8 
Clay & Silt (C&\$)	Medium	10 - 20	smooth and dull.	readily	1/16 
Silty Clay (\$yC)	High	20 - 40	shiny	very readily	1/32 
Clay (C)	Very High	40 & greater	very shiny & waxy	very readily	1/64

1. Moisten if necessary and press out thread between fingers about 1/4 inch thick and 1/2 inch.
2. Pick out any fine gravel or coarse particles
3. Roll thread on hard surface with gentle pressure of forefinger until it breaks.

VISUAL IDENTIFICATION OF SAMPLES

The samples were identified in accordance with the American Society for Engineering Education System of Definition.

I. DEFINITION OF SOIL COMPONENTS AND FRACTIONS

Material	Symbol	Fraction	Sieve Size	Definition
Boulders	Bldr	—	9" +	Material retained on 9" sieve.
Cobbles	Cbl	—	3" to 9"	Material passing the 9" sieve and retained on the 3" sieve.
Gravel	G	coarse (c) medium (m) fine (f)	1" to 3" 3/8" to 1" No. 10 to 3/8"	Material passing the 3" sieve and retained on the No. 10 sieve.
Sand	S	coarse (c) medium (m) fine (f)	No. 30 to No. 10 No. 60 to No. 30 No. 200 to No. 60	Material passing the No. 10 sieve and retained on the No. 200 sieve.
Silt	\$	—	Passing No. 200 (0.074 mm)	Material passing the No. 200 sieve that is non-plastic in character and exhibits little or no strength when air-dried.

Organic Silt (OS) Material passing the No. 200 sieve which exhibits plastic properties within a certain range of moisture content, and exhibits fine granular an organic characteristics.

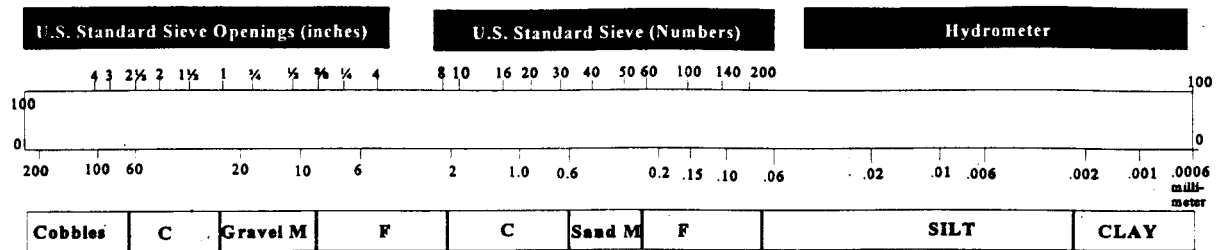
		Plasticity	Plasticity Index	<i>Clay-Soil</i> - Material passing the No. 200 sieve which can be made to exhibit plasticity and clay qualities within a certain range of moisture content, and which exhibits considerable strength when air-dried.
Clayey SILT	Cy\$	Slight (SI)	1 to 5	
SILT & CLAY	\$&C	Low (L)	5 to 10	
CLAY & SILT	C&\$	Medium (M)	10 to 20	
Silty CLAY	\$yC	High (H)	20 to 40	
CLAY	C	Very High (VH)	40 plus	

II. DEFINITION OF COMPONENTS PROPORTIONS

Component	Written	Proportions	Symbol	Percentage Range by Weight*
Principal	CAPITALS	—		50 or more
Minor	Lower Case	and	a.	35 to 50
		some	s.	20 to 35
		little	l.	10 to 20
		trace	t.	1 to 10

* Minus sign (–) lower limit, plus sign (+) upper limit, no sign middle range.

GRAIN SIZE DISTRIBUTION



UNIFIED SOIL CLASSIFICATION SYSTEM. (ASTM D-2487)

Major Divisions		Group Sym.	Typical Names		Laboratory Classification Criteria				
Coarse-grained soils (More than half material is larger than No. 200 sieve)	Gravels (More than half of coarse fraction is larger than No. 4 sieve size)	GW	Well-graded gravels, gravel-sand mixtures, little or no fines.		$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3				
		GP	Poorly graded gravels, gravel-sand mixtures, little or no fines.		Not meeting all gradation requirements for GW				
		GM ^a	d	Silty gravels, gravel-sand-silt mixtures	Atterberg limits below "A" line or P.I. less than 4		Above "A" line with P.I. between 4 and 7 are borderline cases requiring use of dual symbols		
			u		Atterberg limits below "A" line with P.I. greater than 7				
	Sands (more than half of coarse fraction is smaller than No. 4 sieve size)	Clean sands (Little or no fines)	GC	Clayey gravels, gravel-sand-clay mixtures		$C_u = \frac{D_{60}}{D_{10}}$ greater than 4; $C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}}$ between 1 and 3			
			SW	Well-graded sands, gravelly sands, little or no fines				Not meeting all gradation requirements for SW	
		Sands with fines (Appreciable amount of fines)	SP	Poorly graded sands, gravelly sands, little or no fines					Atterberg limits below "A" line or P.I. less than 4
			SM ^a	d	Silty sands, sand-silt mixture		Limits plotting in hatched zone with P.I. between 4 and 7 are borderline cases requiring use of dual symbols		
		u		SC					
		Determine percentages of sand and gravel from grain-size curve. Depending on percentages of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows: Less than 5 per cent More than 5 per cent but less than 12 per cent More than 12 per cent							
Fine-grained soils (More than half material is smaller than No. 200 sieve)	Sils and clays (Liquid limit less than 50)	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands, or clayey silts with slight plasticity						
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays						
		OL	Organic silts and organic silty clays of low plasticity						
	Sils and clays (Liquid limit greater than 50)	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts						
		CH	Inorganic clays of high plasticity, fat clays						
		OH	Organic clays of medium to high plasticity, organic silts						
	Highly organic soils	Pt	Peat and other highly organic soils						

^a Division of GM and SM groups into subdivisions of d and u are for roads and air fields only. Subdivision is based on Atterberg limits: suffix d used when L.L. is 28 or less and the P.I. is 6 or less, the suffix u used when L.L. is greater than 28.

^b Borderline classifications, used for soils possessing characteristics of two groups, are designated by combination of group symbols. For example: GW-GC, well-graded gravel-sand mixture with clay binder.

MAIN FEATURES

MODIFIERS

MAJOR COMPONENT * MINOR COMPONENT(S) *

COLOR

FRACTIONS

PROPORTION
(Minor Comp.)

Grbr m(-)f S, l(-) m G; lyr; occ lns c S *

ABBREVIATED
VERSION:

As identified
in field. First
letter of the first
word capitalized.

Identifies
grain size (s)
(+) = major fraction
(-) = minor fraction

Identifies quantity,
acts as a conjunction:
35-50% = a (and)
20-35% = s (some)
10-20% = l (little)
1-10% = t (trace)
(+) = upper third
(-) = lower third

* -- Abbreviation Capitalized

UNABBREVIATED
VERSION:

**Gray brown medium (-) to fine SAND, little (-) medium Gravel;
layered; occasional lens coarse Sand (SP).**

**
UNIFIED SOIL CLASSIFICATION:
Adequate for a generalized
stratum description.

RUST ENVIRONMENT & INFRASTRUCTURE uses a modified BURMISTER SYSTEM for detailed identification of soil components, fractions, and proportions. The UNIFIED SOIL CLASSIFICATION,** based upon field data, is also presented.

**RUST ENVIRONMENT &
INFRASTRUCTURE**

B.2

UST Area

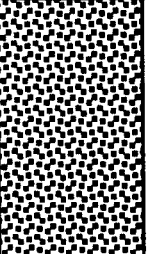
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-CP
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: Geoprobe		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: Ingersol Rand	TYPE	SS		HSA	Date Started: 11/16/95
GROUNDWATER DEPTH: 2.5'	DIAM.	2" O.D.		3 1/4" I.D. to 14' BGS	Date Finished: 11/16/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Arnold Chappell
DATE OF MEAS.: 11/16/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Unified Classif- ication	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	FILL		Gr m G; subangular to subrounded; loose (peastone) (GP).	Rec. = 0.35' Moist/Wet GC = ND
	S-2	FILL		Same; v. loose (GP).	Rec. = 0.7' Wet GC = 604 ppb
	S-3	FILL		Same; loose (GP).	Rec. = 0.1' Wet GC = 16.8 ppb
	S-4	FILL		Same; loose (GP).	Rec. = 0.8' Wet GC = ND
	S-5	FILL		Same; loose to med dense (GP). (FILL) 9.0'	Rec. = 1.0' Moist/Wet GC = 1,010 ppb
10	S-6	SM/GM		RdBr mf(+) S, s \$, l mf G; stiff (SM/GM).	Rec. = 1.45' Moist/Wet GC =
	S-7	SM/GM		RdBr mf S, l(+) \$, l(-) mf G; rk frag noted from 10.55' to 11.1'; v. stiff (SM/GM).	
	S-8	SM/GM		RdBr cm(+)f S, tr \$, l(+) mf G; stiff (SM/GM).	
	S-9	SM/GM		(SAND AND SILT) 14.4'	
15	S-10	SM/SW		RdBr f S, l \$, s(+) mf G; freq rk pieces; med dense (SM/SW).	Rec. = 1.4' Moist/Wet GC = ND
	S-11	SW/GW		RdBr cm(+)f S, s(-) mf G; freq rk frag; loose to med dense (SW/GW).	Rec. = 1.1' Moist GC = ND
	S-12	SW/GW		Same; med dense (SW/GW). (SAND AND GRAVEL)	Rec. = 1.0' Moist GC = ND
20					

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-CP
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Unified Classif- ication	Visual Log Description	Geologic Description		Remarks
21	S-11	SW/GW		(SAND AND GRAVEL) 21.0' End of Boring at 21.0'		Rec. = 0.6' Moist/Wet GC = ND GC = Gas Chromatograph ND = Non Detected
Boring subsequently abandoned using approved cement-bentonite grout mixture.						

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-01
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: Geoprobe		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: Ingersol Rand	TYPE	SS		HSA	Date Started: 11/13/95
GROUNDWATER DEPTH: 3.0'	DIAM.	2" O.D.		3 1/4" I.D. to 10' BGS	Date Finished: 11/13/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Arnold Chappell
DATE OF MEAS.: 11/13/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Unified Classif- ication	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0				Gr c G; angular; broken stone; s cmf S; a \$. (FILL) 0.7'	Rec. = 1.1' Dry GC = 293.1 ppb (Total BTEX)
	S-1	SM			
	S-2	SM		Br cmf S, s \$, l mf G; occ rk (SM).	Rec. = 1.4' Moist/Wet GC = 4,805 ppb
5	S-3	SM/SW		Br to DkBr mf S, l(+) \$, l(+) m(+)f G; stiff (SM/SW). (FILL) 6.25'	Rec. = 1.7' Moist/Wet GC = 63,000 ppb
	S-4	ML		DkBr to Bl O Cy\$, l mf S; wd; rts; soft (ML). (ORGANIC) 8.75'	Rec. = 1.8' Wet GC = 5,810 ppb
	S-5	SW/GW		BrRdBr cmf S, l(-) f G; occ rk frag; med dense (SW/GW).	Rec. = 1.0' Moist/Wet GC = 355.1 ppb
10	S-6	SM/GM		RdBr cmf(+) S, tr \$, s mf G; occ rk frag (SM/GM).	Rec. = 0.8' Wet GC = >130,000 ppb
	S-7	SM/GM		Same; dense to v. dense (SM/GM).	Rec. = 1.45' Wet GC = 283.4 ppb
15	S-8	SW/GW		RdBr cm(+)f S, s mf G; occ to freq rk pieces; dense (SW/GW).	Rec. = 1.2' Wet GC = 29.3 ppb
	S-9	GW		RdBr mf G, l mf S; v. freq rk frag; dense (GW).	Rec. = 1.2' Wet/Moist GC = ND
	S-10	SW/GW		RdBr cmf(+) S, s(-) m(+)f G; subrded Gravel; freq rk frag; v. dense (SW/GW). (SAND AND GRAVEL)	Rec. = 1.9' Moist GC = ND
20					

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-01
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Unified Classif- ication	Visual Log Description	Geologic Description		Remarks
20	S-11	SW		RdBr mf S, l(+) mf G; occ rk frag; v. dense (SW).		Rec. = 1.1' Moist/Wet GC = 5.7 ppb
	S-12	SM/SW		Br cmf S, tr \$, l(-) mf G; occ to freq rk frag; med dense to dense (SM/SW).		Rec. = 0.6' Moist/Wet GC = ND
	S-13	SW		(SAND AND GRAVEL) 24.7'		Rec. = 0.7' Moist/Wet GC = ND
25				End of Boring at 24.7'		
				Boring subsequently abandoned using approved cement-bentonite grout mixture.		GC = Gas Chromatograph ND = Non Detected

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-02
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: Geoprobe		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: Ingersol Rand	TYPE	SS		HSA	Date Started: 11/14/95
GROUNDWATER DEPTH: 3.0'	DIAM.	2" O.D.		3 1/4" I.D. to 10' BGS	Date Finished: 11/14/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Arnold Chappell
DATE OF MEAS.: 11/14/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0		FILL		Gr c G; l soil (cmf S, l(+) \$); road stone. (FILL) 0.6'	Rec. = 1.7' Dry GC = 190,650 ppb
	S-1	SM		Br \$, a(-) mf S, l f G; rk frag; occ bk; moderate to strong gas odor; stiff to v. stiff (SM).	
	S-2	SM/ML		Br mf S, s(-) Cy\$, l(-) f G; strong gas odor; sheen noted; stnd (SM/ML).	Rec. = 0.9' Moist/Wet GC = >409,000 ppb
5	S-3	SM/ML		Br mf S, l \$, l(+) mf G; moderate to slight gas odor; stnd (SM/ML). (SAND AND SILT) 5.7'	Rec. = 1.4' Moist/Wet GC = 1,542,000 ppb
	S-4	ML/OL		DkBrO \$; l(-) mf S sms; alt. S sms at 7.5-8.0'; occ peat & roots; soft to medium stiff; slight gas odor (ML/OL).	Rec. = 1.5' Moist/Wet GC = 567,100 ppb
	S-5	ML/OL		(ORGANIC) 9.3'	Rec. = 1.2' Moist/Wet GC = 20,820 ppb
10	S-6	SM/SW		RdBr cmf S, l mf G; occ rk frag; med dense; slight gas odor (SM/SW).	
	S-7	SW		Same; v. dense (SW).	Rec. = 1.1' Wet GC = 428 ppb
	S-8	SW		RdBr cmf(+) S, l(-) mf G; occ rk frag; med dense; slight odor (SW).	Rec. = 0.8' Wet GC = 36,980 ppb
15	S-9	SW		RdBr cm(+)f S, l(-) mf G; occ rk frag; med dense; no odor observed (SW).	Rec. = 1.65' Wet GC = 157 ppb
	S-10	SW		RdBr cmf S, l mf G; rk frag; med dense to dense; no odor (SW).	Rec. = 1.5' Wet GC = 6.4 ppb
20				RdBr cmf(+) S, l(+) mf G; occ rk frag; med dense; no odor (SW). (SAND AND GRAVEL)	Rec. = 1.0' Wet GC = ND

RUST E&I Albany, NY (518) 458-1313			Test Boring Log		Boring No. UST-SB-02
PROJECT: West Nyack Site					Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
Depth (Feet)	Sample Number	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
20	S-11	SW/GW		RdBr cmf S, a mf G; occ to freq rk; dense; no gas odor; no stning (SW/GW).	Rec. = 1.1' Wet GC = ND
	S-12	SW/GW		Same (SW/GW).	Rec. = 0.5' Moist/Wet GC = ND
24				(SAND AND GRAVEL) 24.0'	
				End of Boring at 24.0' Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected

RUST E&I		Test Boring Log				Boring No. UST-SB-03
Albany, NY (518) 458-1313						
PROJECT: West Nyack Site						Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.						Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area						Ground Elev.
DRILLING METHOD: Geoprobe		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: Ingersol Rand	TYPE	SS		HSA	Date Started: 11/15/95	
GROUNDWATER DEPTH: 2.75'	DIAM.	2" O.D.		3 1/4" I.D. to 12' BGS	Date Finished: 11/15/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Arnold Chappell	
DATE OF MEAS.: 11/15/95	FALL	30"			Inspector: M.A. Williams	
Depth (Feet)	Sample Number	Unified Classif- ication	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS	
0	S-1	FILL		Gr cm G; Soil (RdBr \$, l(-) mf S, s mf G); med dense to dense; slight gas odor (GM/GW). (FILL) 0.7'	Rec. = 1.35' Moist GC = 43 ppb	
		ML		DkBrBl O \$, l(-) mf S; freq pt & rts; sheen noted from 0.85' to 1.4'; petrol odor; v. sft to sft (ML).	Rec. = 1.4' Wet GC = 1,643,500 ppb	
	S-2	ML		(ORGANIC) 4.0'	Rec. = 1.55' Wet GC = 3,984,000 ppb	
5	S-3	SM/ML		DkBr mf S, l \$; tr(+) mf G; occ rt; sft to med loose; oil noted; moderate to strong gas odor; sheen noted (SM/ML). (SAND AND SILT) 6.4'	Rec. = 1.65' Wet GC = 82,800 ppb	
		SM/ML				
	S-4	SM/SW		Br cmf(+) S, l(-) \$, l(+) f G; oil noted; occ rk frag; med dense (SM/SW).	Rec. = 1.2' Wet GC = 10,580 ppb	
	S-5	SM/SW		RdBr cmf(+)f S, tr \$, s(-) mf G; slight sheen; faint gas odor; med dense; rk frag (SM/SW).	Rec. = 0.85' Wet GC = 14,060 ppb	
10	S-6	SW		RdBr cmf S, tr \$, a(-) f G; faint gas odor; occ rk frag (SW).	Rec. = 1.15' Wet GC = 179 ppb	
	S-7	SW/GW		Same; no petrol odor; freq rk frag (SW/GW).	Rec. = 1.6' Moist/Wet GC = 346 ppb	
	S-8	SW/GW				
15		SM/SW		GrGn f S & \$; rk frag @ 16.75'-17' +. 15.45' 15.95'	GC = 285 ppb	
	S-9	GW/SW		RdBr mf G; a(-) rk frag; RdBr f S, l \$, l mf G @ 17.75' - 17.9'.	Rec. = 1.2' Moist/Wet GC = 285 ppb	
	S-10	GW/SW		RdBr m(+)f G, l mf S; freq rk frag; no odor/stning noted; dense (GW/SW). (SAND AND GRAVEL)	Rec. = 1.4' Moist/Wet GC = 9.4 ppb	
20						

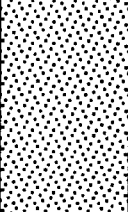
RUST E&I Albany, NY (518) 458-1313			Test Boring Log		Boring No. UST-SB-03
PROJECT: West Nyack Site					Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
Depth (Feet)	Sample Number	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
21	S-11			(SAND AND GRAVEL) 20.9' End of Boring at 20.9' Boring subsequently abandoned using approved cement-bentonite grout mixture.	Rec. = 0.9' Moist GC = ND GC = Gas Chromatograph ND = Non Detected

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-04
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: Geoprobe		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: Ingersol Rand	TYPE	SS		HSA	Date Started: 11/15/95
GROUNDWATER DEPTH: 2.8'	DIAM.	2" O.D.		3 1/4" I.D. to 10' BGS	Date Finished: 11/15/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Arnold Chappell
DATE OF MEAS.: 11/15/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	FILL		Gr cm G; subangular; Soil [20%] (GrBl cm(+)f S, tr \$); dense to v. dense; strong petroleum; sl sheen (FILL). (FILL) 1.3'	Rec. = 1.65' Moist GC = 739 ppb
		FILL		BrBlBr cm(+)f S, s(-) Cy\$, l(-) mf G; oil sheen @ 2'; moderate to strong petroleum odor; loose to med dense; occ bk & rk (FILL). (FILL) 3.9'	Rec. = 1.1' Wet GC = 826,800 ppb
5	S-3	ML/SM		DkBrO \$, tr mf S; occ rts; occ pt; petroleum noted; moderate odor; medium stiff (ML/SM). (ORGANIC) 5.5'	Rec. = 0.9' Wet GC = 149,500 ppb
	S-4	SW/GW		GrBr mf S, l mf G; occ cbls/rk pieces; petroleum stnd; moderate petroleum odor; med dense (SW/GW).	Rec. = 1.7' Wet GC = >310,250 ppb
	S-5	SM/SW/GM		BrRdBr mf S, l(-) Cy\$, s(+) mf G; slight petroleum odor; med dense (SM/SW/GM).	Rec. = 1.2' Moist/Wet GC = 208,850 ppb
10	S-6	SW/GW		RdBr cmf S, a mf G; subrded; occ to freq rk frag; slight petroleum odor; no string (SW/GW).	Rec. = 0.85' Moist GC = 2,988 ppb
	S-7	SW		RdBr cm(+)f S, l(+) mf G; freq cbls/rk frag; dense to v. dense; slight petroleum odor; no sheen (SW).	Rec. = 1.7' Moist/Wet GC = 336.4 ppb
15	S-8	SW		Same (SW).	Rec. = 0.9' Moist/Wet GC = 62.3 ppb
	S-9	SW/GW		RdBr cmf S, s mf G; freq rk pieces; no petroleum odor; no staining; dense (SW/GW).	Rec. = 2.0' Moist/Wet GC = ND
	S-10	SW/GW		Same (SW/GW).	Rec. = 1.7' Moist GC = 33.9 ppb
20					(SAND AND GRAVEL)

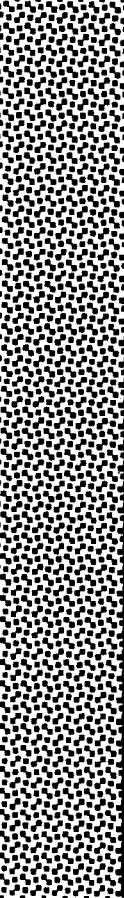
RUST E&I Albany, NY (518) 458-1313			Test Boring Log		Boring No. UST-SB-04
PROJECT: West Nyack Site					Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
Depth (Feet)	Sample Number	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
20	S-11	SW/GW		RdBr cmf S, tr \$, s mf G; freq rk pieces; no odor/stning; v. dense (SW/GW).	Rec. = 1.4' Moist/Wet GC = 27.3 ppb
	S-12	SW/GW		Same (SW/GW).	Rec. = 1.1' Moist GC = 69.7 ppb
24				24.0' End of Boring at 24.0' Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected

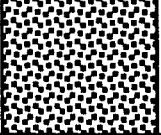
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-05
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/16/95
GROUNDWATER DEPTH: 4.5'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/16/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 11/16/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	SM/GW		Gr cm G (subangular); broken asphalt; soil (DkBr mf S, l(+) \$, l(+) mf G); dense; slight petroleum odor (GM/GW).	Rec. = 1.6' Moist/Wet GC = 106,220 ppb
				(FILL) 2.8'	
	S-2	SM/ML		Br f S, a \$; sheen; petroleum odor observed; medium stiff (SM/ML).	Rec. = 1.8' Moist/Wet GC = 1,055,600 ppb
5	S-3	SM		Br cm(+)f S, l(-) \$, tr f G; moderate petroleum odor; soft to med stiff (SM).	Rec. = 1.45' Wet GC = 107,290 ppb
				(SAND AND SILT) -6.1'	
	S-4	SW		Br to OrBr cmf(+) S, l(+) f G; slight sheen noted; moderate petroleum odor; med dense (SW).	Rec. = 1.75' Wet GC = 108,970 ppb
	S-5	SW/GW		RdBr cmf S, s mf G; v. slight petroleum odor; no sheen; med dense (SW/GW).	Rec. = 1.5' Wet GC = 1,153 ppb
10					

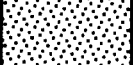
RUST E&I			Test Boring Log		Boring No. UST-SB-05
Albany, NY (518) 458-1313					
PROJECT: West Nyack Site					Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
Depth (Feet)	Sample Number	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
10	S-6	SW/GW		RdBr cmf S, tr \$, a(-) m(+)f G; occ rk frag; v. slight to no petroleum odor; dense (SW/GW).	Rec. = 1.1' Moist GC = 689.6 ppb
12				Same; no petroleum odor; occ cbls; dense to med dense (SW/GW).	Rec. = 1.2' Moist/Wet GC = 124 ppb
14	S-8	SW/GW		Same.	Rec. = 1.0' Moist/Wet GC = 53.3 ppb
16				RdBr mf G, l(-) cm(+) f S; freq cbls; no odor/staining; dense (GW/SW).	Rec. = 0.6' Moist/Wet GC = 74.6 ppb
18	S-10	GW/SW		RdBr mf G, l(+) cmf S; freq rk frag; no odor/ staining noted; dense to v. dense (GW/SW).	Rec. = 0.75' Moist/Wet GC = 0 ppb
20			(SAND AND GRAVEL) 20.0'		
				End of Boring at 20.0'	
				Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected

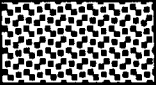
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-06
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/20/95
GROUNDWATER DEPTH: 3.5'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/20/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 11/20/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1		FILL		Augered to 1.0' BGS; Gr c G; angular to subangular; l cm(+)f S, tr \$; no petroleum odor; v. dense (FILL). (FILL) 2.0'	Rec. = 0.5' Dry/Moist GC = 0 ppb
		37				
		50/3				
	S-2	5	SM/SW		Br mf S, l(-) \$, l mf G; sbrded to sbang; sl petroleum odor; med dense (SM/SW). (FILL) 4.0'	Rec. = 1.15' Moist/Wet GC = 956 ppb
		5				
		4				
		3				
5	S-3	3	ML		BrO \$; freq rts; occ pt; med stiff to stiff; no odor/string (ML). (ORGANIC) 4.9'	Rec. = 1.8' Moist/Wet GC = 53.9 ppb
		6				
		9				
		11				
	S-4	8	SW/GW		Gr mf S to 5.5'; Br to RdBr cm(+)f S, l(+) mf G; med dense; no odor/string (SW/SW/GW). Same to 7' BGS; Br cmf S, tr \$, s mf G; occ rk frag; slight petroleum sheen between 6-7' BGS; med dense (SW/GW).	Rec. = 1.4' Wet GC = 113.3 ppb
		10				
		10				
		12				
	S-5	12	SW/GW		Same (SW/GW).	Rec. = 0.85' Moist/Wet GC = 116.2 ppb
		15				
		18				
		20				
10	S-6	4	SW/GW		RdBr cmf S, a(-) mf G; rk frag; common @ 11-12' BGS; med dense to v. dense; no odor/string (SW/GW).	Rec. = 0.75' Moist GC = 5.6 ppb
		7				
		38				
		19				
	S-7	3	SW/GW		RdBr cm(+)f S, s mf G; occ to freq rk frag; med dense to dense (SW/GW).	Rec. = 1.6' Moist/Wet GC = ND
		12				
		17				
		21				
15	S-8	7	SW/GW		RdBr cm(+)f S, l(+) m(+)f G; freq rk frags; med dense (SW/GW).	Rec. = 1.5' Moist GC = ND
		10				
		17				
		21				
	S-9	35	SW/GW		Same; v. dense (SW/GW).	Rec. = 0.8' Moist/Wet GC = ND
		27				
		16				
		14				
	S-10	7	SW/GW		Same; med dense to dense (SW/GW).	Rec. = 1.2' Moist GC = ND
		12				
		17				
20						

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-06
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
22	S-11	27	GW		RdBr rk; l(+) m(+)f G; l cmf S; v. dense (GW).	Rec. = 1.4' Moist/Wet GC = ND
		45				
		50/4				
	S-12	50			Rk at tip of spoon. 22.5'	Rec. = 0.5' Moist GC = ND
		50/0			(SAND AND GRAVEL)	
End of Boring at 22.5'						
Boring subsequently abandoned using approved cement-bentonite grout mixture.						GC = Gas Chromatograph ND = Non Detected

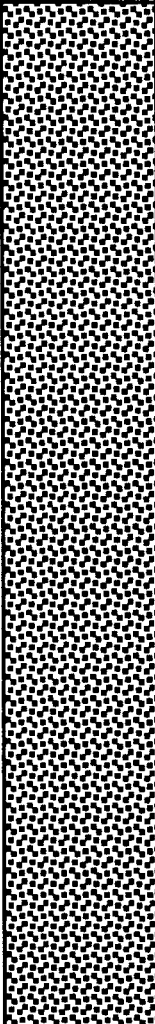
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-06A
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/21/95
GROUNDWATER DEPTH: 4.5'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/21/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 11/21/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	30	FILL		Gr cm G, tr \$, l cmf S; v. dense to med dense (FILL). (FILL) 1.1'	Rec. = 1.1' Dry/Moist GC = 18,010 ppb
		64				
		19				
		16				
	S-2	5	SM/ML			Rec. = 0.45' Moist GC = 2,093,000 ppb
		8				
		4				
		3				
5	S-3	1	SM/ML		Br mf S, l \$, soft; slight petroleum odor (SM/ML). (SAND AND SILT) 6.0'	Rec. = 1.0' Moist/Wet GC = 31,880 ppb
		1				
		1				
		4				
	S-4	2	ML/SM		BrO \$, l(-) f S; occ wd; occ rts; pt; stiff; slight to moderate petroleum odor; sl stning (ML/SM). (ORGANIC) 8.6'	Rec. = 0.85' Wet GC = 419,300 ppb
		5				
		12				
		12				
	S-5	12	SW		Br mf S, l(+) mf G; sbrded; slight to no petroleum odor; no stning; dense (SW).	Rec. = 0.7' Wet GC = 155.3 ppb
		19				
		19				
		24				
10	S-6*	8	SW		Br mf S, l mf G; slight to no petroleum odor; med dense (SW).	Rec. = 1.15' Wet GC = 637.3 ppb
		18				
		18				
		21				
	S-7	18	SW/GW		BrRdBr cm(+)f S, s(-) mf G; occ rk frag; no odor; v. dense (SW/GW).	Rec. = 0.9' Moist GC = 486.2 ppb
		31				
		31				
		35				
	S-8	18	SW/GW		Same (SW/GW).	Rec. = 0.8' Moist GC = 285.7 ppb
		33				
		25				
		26				
15	S-9	18	SW/GW		RdBr mf S, l(-) \$, l mf G; occ to freq rk frag; dense to v. dense (SW/GW).	Rec. = 0.7' Moist/Wet GC = 72 ppb
		24				
		34				
		40				
	S-10	32	SW/GW		Same; v. dense; v. freq rk frag (SW/GW). (SAND AND GRAVEL)	Rec. = 0.6' Moist GC = 462.2 ppb
		40				
		20				
20		24				

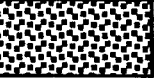
RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-06A
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
21	S-11	15	SW/GW		Same; dense (SW/GW). (SAND AND GRAVEL) 21.5'	Rec. = 1.3' Moist GC = 10.8 ppb
		32				
		55				
					End of Boring at 21.5' Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected Sample S-6 (10.0'-12.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method SW-846 8020 (BTEX). See Appendix K for raw analytical data/results concerning these samples.

RUST E&I Albany, NY (518) 458-1313		Test Boring Log				Boring No. UST-SB-07
PROJECT: West Nyack Site					Sheet 1 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.	
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.	
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/20/95	
GROUNDWATER DEPTH: 2.75'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/20/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka	
DATE OF MEAS.: 11/20/95	FALL	30"			Inspector: M.A. Williams	

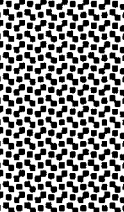
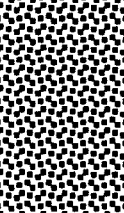
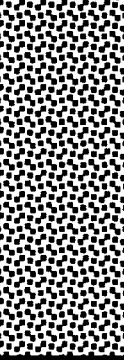
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	16	FILL		BlGr mf S, a(+) f G; angular rk at surface; rk @ tip of spoon; dense. (FILL)	Rec. = 0.7' Dry GC = ND
		35	FILL		RdBr mf S, l(+) \$, l(-) mf G; dense (FILL). Same; med dense (FILL). (FILL)	Rec. = 1.0' Wet GC = ND
		35				
		20				
	6					
	S-2	6	FILL		Same; med dense (FILL). (FILL)	Rec. = 1.0' Wet GC = ND
		6				
		7				
		7				
5	S-3	2	ML		BrBIO \$; rts; occ wd dbs (ML). Wd @ tip of spoon. (ORGANIC)	Rec. = 1.5' Wet GC = ND
		8				
		3				
		15				
	S-4	12	SW/GW		Br to RdBr mf S, tr(+) f G; occ rk frag; med dense (SW/OW). RdBr cmf S, l(-) mf(+) G; med dense (SW/GW). (SAND AND GRAVEL)	Rec. = 0.8' Wet GC = ND Rec. = 1.15' Wet/Moist GC = 38.4 ppb
		38				
		8				
		15				
S-5*	8	SW/GW		RdBr cmf S, l(-) mf(+) G; med dense (SW/GW). (SAND AND GRAVEL)	Rec. = 0.8' Wet GC = ND Rec. = 1.15' Wet/Moist GC = 38.4 ppb	
	10					
	11					
	12					
10						

RUST E&I				Test Boring Log		Boring No. UST-SB-07
Albany, NY (518) 458-1313						
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
10	S-6	5	SW/GW		Br cmf(+) S, tr \$, l mf(+) G; occ rk frag; med dense (SW/GW).	Rec. = 1.3' Moist/Wet GC = ND
		11				
		8				
		10				
12	S-7	8	SW/GW		Br mf S, l f G; occ rk frag; med dense to v. dense (SW/GW).	Rec. = 1.6' Moist/Wet GC = ND
		10				
		30				
		26				
14	S-8	19	SW/GW		Same; v. dense; freq rk frag (SW/GW).	Rec. = 1.0' Moist/Wet GC = ND
		20				
		30				
		27				
16	S-9	26	SW/GW		RdBr cmf(+) S, l(+) mf(+) G; freq rk frag; dense to med dense (SW/GW).	Rec. = 1.2' Moist/Wet GC = ND
		14				
		12				
		14				
18	S-10	13	SW/GW		Same; rk @ tip of spoon (SW/GW).	Rec. = 1.4' Moist GC = ND
		16				
		50/.4				
					(SAND AND GRAVEL) 19.4'	
20					End of Boring at 19.4'	
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected Sample S-5 (8.0'-10.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Matrix spike/matrix spike duplicate sample also collected. Analyzed for: * EPA Method SW-846 8020 (BTEX). See Appendix K for raw analytical data/results concerning these samples.

RUST E&I Albany, NY (518) 458-1313		Test Boring Log				Boring No. UST-SB-07A
PROJECT: West Nyack Site					Sheet 1 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.	
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.	
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/21/95	
GROUNDWATER DEPTH: 2.75'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/21/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka	
DATE OF MEAS.: 11/21/95	FALL	30"			Inspector: M.A. Williams	
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	22	FILL		BIGr mf S, a mf(+) G; angular rk @ surface; v. dense. (FILL) 1.7'	Rec. = 1.2' Dry GC = 96.1 ppb
		22				
		30				
		56				
	S-2	18	FILL		RdBr mf S, s mf G; rk @ tip of spoon; med dense; strong odor (gas) (FILL). Br cmf(+) S, l f G; sl petroleum stained; moderate gas odor; rk @ tip of spoon (FILL). (FILL) 5.0'	Rec. = 0.35' Wet GC = 416,900 ppb
		9				
		6				
		7				
5	S-3	1	FILL		Br cmf(+) S, l f G; sl petroleum stained; moderate gas odor; rk @ tip of spoon (FILL). (FILL) 5.0'	Rec. = 1.0' Wet GC = 1,470 ppb
		1				
		1				
		3				
	S-4	7	ML/SM		BrO \$, tr f S; occ rts; occ wd; occ seam of ltgr mf(+) S; moderate gas odor; sl sheen (ML/SM). (ORGANIC) 6.9'	Rec. = 0.95' Wet/Moist GC = 1,113 ppb
		9				
		13				
		16				
	S-5	2	SW/GW		BrRdBr mf S, tr mf G; occ rk frag (SW/GW).	Rec. = 1.5' Moist/Wet GC = 1,057 ppb
		3				
		2				
		7				
10	S-6*	10	SW/GW		RdBr mf S, l(-) mf G; sbrded to rded; med dense (SW/GW).	Rec. = 0.75' Wet/Moist GC = 44.7 ppb
		12				
		14				
		15				
	S-7	14	SW/GW		Same; med dense to dense (SW/GW).	Rec. = 1.25' Moist/Wet GC = 6.2 ppb
		19				
		21				
		36				
15	S-8	12	SW/GW		RdBr cm(+)f S, l(-) mf G; occ to freq rk frag; med dense (SW/GW).	Rec. = 1.1' Moist/Wet GC = ND
		14				
		15				
		14				
	S-9	14	SW/GW		Same.	Rec. = 1.2' Moist/Wet GC = ND
		11				
		11				
		12				
	S-10	10	SW/GW		Same.	Rec. = 1.1' Moist/Wet GC = 7 ppb
		12				
		15				
		25				
20					(SAND AND GRAVEL)	

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-07A
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
21 —	S-11	32	SW/GW		Same; freq rk frag; v. dense (SW/GW). (SAND AND GRAVEL) 21.4'	Rec. = 0.9' Moist GC = ND GC = Gas Chromatograph ND = Non Detected Sample S-6 (10.0'-12.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method SW-846 8020 (BTEX). See Appendix K for raw analytical data/results concerning these samples.
		42				
		50/4				
End of Boring at 21.4'						
Boring subsequently abandoned using approved cement-bentonite grout mixture.						

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-08	
PROJECT: West Nyack Site					Sheet 1 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.	
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.	
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/27/95	
GROUNDWATER DEPTH: 6.2'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/27/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka	
DATE OF MEAS.: 11/27/95	FALL	30"			Inspector: M.A. Williams	

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	16	FILL		Br cmf S, s(-) mf G; occ to freq bk/cndrs; occ road ballast @ surface; med dense to dense; moderate gas odor; sheen.	Rec. = 1.35' Dry GC = 3,945 ppb
		23				
		21				
		16				
	S-2	14	FILL		(FILL) 3.5'	Rec. = 0.7' Dry GC = 535 ppb
		21				
		22				
	S-3	6	ML		BrO \$; occ wd; pt; stiff to med stiff; strong petroleum odor; sheen (ML).	Rec. = 0.45' Moist GC = 32,190 ppb
5		3				
		9				
		4				
	S-4	3	ML		Same. (ORGANIC) 6.7'	Rec. = 1.1' Moist/Wet GC = ND
		5				
		4				
	S-5	4	SW/GW		RdBr mf S, tr(-) f G; loose to med dense; faint gas odor; no sheen (SW/GW).	Rec. = 1.15' Wet GC = 833 ppb
		1				
		3				
		10				
10	S-6	10	SM/SW/GW		RdBr cm(+)f S, l(-) \$, tr(-) f G; occ rk frag; med dense (SM/SW/GW).	Rec. = 0.7' Wet GC = 181.1 ppb
		4				
		11				
		10				
	S-7	12	SW/GW		RdBr cmf S, l(+) mf G; freq to occ rk frag; dense (SW/GW).	Rec. = 0.95' Wet GC = 276.1 ppb
		14				
		16				
		20				
	S-8	4	SW/GW		Same; c S zone noted between 14.5-14.8'; med dense (SW/GW).	Rec. = 0.8' Wet GC = 53.8 ppb
15		6				
		7				
		8				
	S-9	6	SW/GW		RdBr cmf(+) S, s mf G; freq rk frag; dense to med dense (SW/GW).	Rec. = 1.65' Wet/Moist GC = 74.9 ppb
		22				
		9				
		10				
	S-10	6	SW/GW		RdBr mf S, l(+) mf G; occ rk frag (SW/GW).	Rec. = 1.4' Moist/Wet GC = ND
		7				
		9				
20		19				
					(SAND AND GRAVEL)	

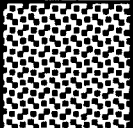
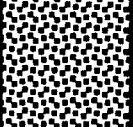
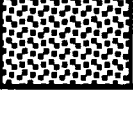
RUST E&I Albany, NY (518) 458-1313			Test Boring Log		Boring No. UST-SB-08	
PROJECT: West Nyack Site					Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
21	S-11	5 25 50/4	SM/SW/ GW		RdBr to Br cmf S, l(-) \$, l(-) f G; occ rk frag; dense (SM/SW/GW). 21.4' (SAND AND GRAVEL) End of Boring at 21.4'	Rec. = 1.1' GC = ND GC = Gas Chromatograph ND = Non Detected
Boring subsequently abandoned using approved cement-bentonite grout mixture.						

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-09
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/27/95
GROUNDWATER DEPTH: 4.6'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/27/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 11/27/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	21	FILL		Br cmf S, l mf G; freq rk @ surface.	Rec. = 1.3' Dry GC = ND
		29				
		26				
		18				
	S-2	11	FILL		GrBr cmf(+) S, l(+) Cy\$, l mf G; occ rts (FILL); no gas odor.	Rec. = 1.2' Moist GC = ND
		12				
		11				
		11				
5	S-3	1	FILL		Gr \$, s(-) mf S, tr(+) f G; soft; spongy. (FILL) 6.0'	Rec. = 1.1' Wet GC = 45.5 ppb
		1				
		1				
		3				
	S-4	1	ML		DkBrO \$; pt; freq rts; occ wd; med stiff to soft (ML).	Rec. = 1.2' Moist/Wet GC = 50.3 ppb
		3				
		3				
		4				
	S-5*	WOH	ML		(ORGANIC) 9.2'	Rec. = 1.35' Wet GC = 85.9 ppb
		1				
		6				
		14				
10	S-6	10	SW/GW		Br to RdBr cmf S, tr Cy\$, l(+) mf G; occ rk frag; med dense (SW/GW).	Rec. = 0.6' Wet GC = ND
		10				
		11				
		12				
	S-7	5	SW/GW		RdBr cmf S, s(-) mf G; occ rk frag; med dense (SW/GW).	Rec. = 1.5' Wet GC = ND
		6				
		9				
		12				
15	S-8	15	SW/GW		RdBr cm(+)f S, tr \$, s mf G; freq rk frag; dense (SW/GW).	Rec. = 1.75' Wet GC = ND
		10				
		10				
		22				
	S-9	17	CW/SW		RdBr mf G, l(+) mf S; v. freq rk frag; med dense (GW/SW).	Rec. = 1.3' Wet GC = ND
		15				
		14				
		8				
	S-10	10	SW/GW		Br cm(+)f S, l mf G; rk between 18.3-18.65'; med dense. (SAND AND GRAVEL)	Rec. = 1.4' Wet GC = ND
		11				
		7				
20		3				

RUST E&I Albany, NY (518) 458-1313			Test Boring Log		Boring No. UST-SB-09	
PROJECT: West Nyack Site					Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
20	S-11	5	SW/GW		Same (SW/GW).	Rec. = 1.7' Moist/Wet GC = ND
		7				
		10				
		11				
	S-12	24			RdBr cmf S, l mf G; freq rk frag; v. dense (SW). 23.3'	Rec. = 1.2' Wet GC = ND
23		27				
		50/3				
(SAND AND GRAVEL)						
End of Boring at 23.3'						
Boring subsequently abandoned using approved cement-bentonite grout mixture.						GC = Gas Chromatograph ND = Non Detected Sample S-5 (8.0'-10.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method SW-846 8020 (BTEX). See Appendix K for raw analytical data/results concerning these samples.

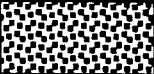
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-09A
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/28/95
GROUNDWATER DEPTH: 5.0'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/28/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 11/28/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	16	FILL		Br mf S, s(-) \$, l mf G; freq rk; occ bk/cndrs; dense (FILL).	Rec. = 1.6' Dry GC = 270.2 ppb
		58				
		29				
		15				
	S-2	11	FILL		Br cmf S, tr \$, l(-) mf G; sl gas odor; med dense. (FILL) 3.6'	Rec. = 1.35' Moist GC = 188.8 ppb
		12				
		13				
		13				
5	S-3	10	ML		Wd; no gas odor; lightly std; DkBrO \$, l f S; med dense to dense (ML).	Rec. = 1.7' Moist/Wet GC = Not Tested
		2				
		25				
		41				
	S-4	10	ML		Wd ck @ tip of spoon.	Rec. = 0.2' Wet GC = Not Tested
		7				
		8				
		8				
	S-5*	1	SM/ML		BrO cm(+)f S; freq wd cks; l(-) \$; sl odor; no sheen (SM/ML). (ORGANIC) 10.1'	Rec. = 0.4' Wet GC = 233.6 ppb
		1				
		2				
		2				
10	S-6	3	SW/GW		RdBr cmf G, s(+) cm(+)f S; v. freq rk frag; med dense (SW/GW).	Rec. = 0.5' Wet GC = 84.1 ppb
		6				
		4				
		5				
	S-7	9	SW/GW		RdBr cm(+)f S, s mf G; occ to freq rk frag; dense (SW/GW).	Rec. = 0.7' Wet GC = ND
		10				
		13				
		13				
15	S-8	18	SW/GW		RdBr cm(+)f S, s mf G; occ to freq rk frag; dense (SW/GW).	Rec. = 0.8' Wet GC = 9.7 ppb
		18				
		34				
		15				
	S-9	9	SW/GW		RdBr cmf S, s(-) mf G; freq rk frag (SW/GW).	Rec. = 1.3' Wet GC = ND
		23				
		17				
		15				
	S-10	7	SW/GW		Same (SW/GW); dense. (SAND AND GRAVEL)	Rec. = 1.6' Wet GC = ND
		23				
		20				
20		22				

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-09A
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
20	S-11	12	SW/GW		Same (SW/GW).	Rec. = 1.5' Moist/Wet GC = ND
		10				
		10				
		28				
	S-12	13	SW/GW		Same; v. dense (SW/GW).	Rec. = 1.1' Moist/Wet GC = 17.4 ppb
		28				
		28				
		49				
	S-13	50/2'			(SAND AND GRAVEL) 24.2'	Rec. = 0.1' GC = ND
					End of Boring at 24.2'	
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected Sample S-5 (8.0'-10.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method SW-846 8020 (BTEX). See Appendix K for raw analytical data/results concerning these samples.

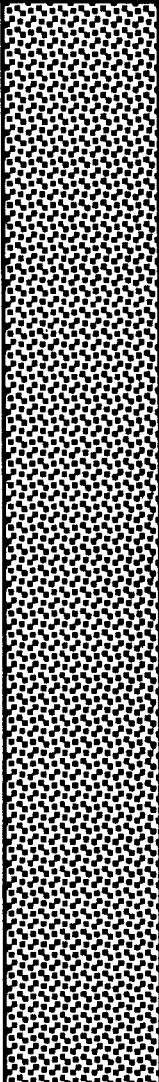
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-10
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/28/95
GROUNDWATER DEPTH: 5.0'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/28/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 11/28/95	FALL	30"			Inspector: M.A. Williams

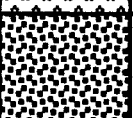
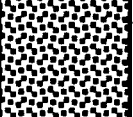
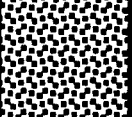
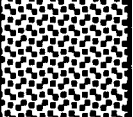
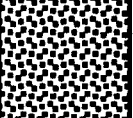
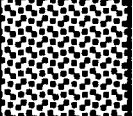
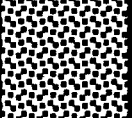
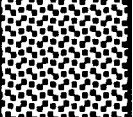
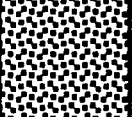
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	25	FILL		Br \$, a(-) mf S, l(-) f G; rk frag; occ bk; strong gas odor; dense (FILL).	Rec. = 1.5' Dry GC = > 10,000 ppb
		33				
		15				
		9				
	S-2	6	FILL		Br f S, s(-) Cy\$, l f G; occ rk frag; strong gas odor; sheen; med dense (FILL).	Rec. = 0.6' Moist GC = > 800,000 ppb
		5				
		6				
		6				
5	S-3	1	FILL		Br to RdBr mf S, l \$, l(+) mf G; slight to moderate gas odor (FILL).	Rec. = 1.75' Moist/Wet GC = 163,000 ppb
		2				
		4				
		3				
	S-4	2	ML/SM		BrO \$; alt mf S seams between 7.5-8.0'; occ rts; med stiff (ML/SM).	Rec. = 1.25' Moist/Wet GC = 688 ppb
		3				
		2				
		3				
	S-5	4	ML/SM		(ORGANIC)	Rec. = 1.1' Moist/Wet GC = 715 ppb
		1				
		2				
		12				
10	S-6	23	GW/SW		RdBr mf G, l(-) mf S; freq rk frag; v. dense (GW/SW).	Rec. = 0.8' Wet GC = 163.8 ppb
		39				
		25				
		21				
	S-7	5	SW/GW		RdBr cmf S, l(-) mf G; occ rk frag; med dense (SW/GW).	Rec. = 1.2' Wet GC = 9.4 ppb
		11				
		9				
		9				
15	S-8	7	SW/GW		RdBr cm(+)f S, l(-) mf G; v. occ rk frag; med dense (SW/GW).	Rec. = 1.8' Wet GC = ND
		11				
		14				
		11				
	S-9	10	SW/GW		Same (SW/GW).	Rec. = 1.05' Wet GC = ND
		15				
		17				
		21				
20	S-10	10	SW/GW		RdBr cm(+)f S, l(+) mf G, occ rk frag (SW/GW).	Rec. = 1.4' Wet GC = 64.2 ppb
		20				
		15				
		14				
					(SAND AND GRAVEL)	

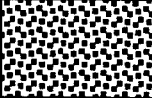
RUST E&I Albany, NY (518) 458-1313			Test Boring Log		Boring No. UST-SB-10	
PROJECT: West Nyack Site					Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
20	S-11	22	SW/GW		Same; v. dense (SW/GW). (SAND AND GRAVEL) 21.4'	Rec. = 0.4' GC = ND
		43				
		50/4				
22					End of Boring at 21.4' Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-11
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/28/95
GROUNDWATER DEPTH: 5.75'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/28/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 11/28/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	36	FILL		Br mf S, l(+) \$, l mf G; ang rk @ surface; strong gas odor noted; dense (FILL). (FILL) 1.8'	Rec. = 1.6' Dry GC = 2,868,000 ppb
		32				
		18				
		13				
	S-2	8	SW/GW		BrGr cmf S, s \$, l(+) mf G; occ rk frag; med dense; sl sheen (SW/GW).	Rec. = 0.6' Dry GC = 61,070 ppb
		10				
		8				
		3				
5	S-3	1	SW/GW		Br mf S, l(+) mf G; odor; sl sheen; med dense (SW/GW).	Rec. = 0.7' Moist to Wet GC = 599,300 ppb
		4				
		5				
		8				
	S-4	7	SW/GW		RdBr cm(+)f S, tr \$, l(-) f G; occ rk frag; odor; sheen (SW/GW).	Rec. = 1.0' Wet GC = 1,159,000 ppb
		8				
		10				
		6				
	S-5	6	SW/GW		RdBr cm(+)f S, l(+) mf G; occ rk frag; no odor; med dense (SW/GW).	Rec. = 1.2' Wet GC = 526 ppb
		12				
		16				
10		16				

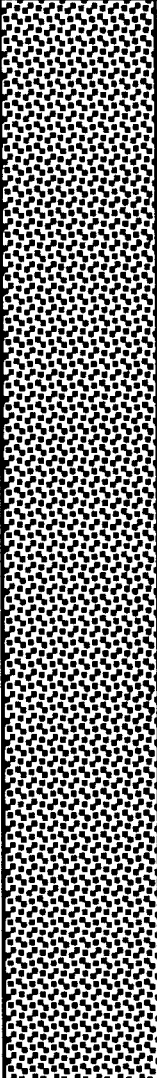
RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-11
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
10	S-6	12	SW/GW		RdBr cmf S, l(+) mf G; occ to freq rk frag; dense (SW/GW).	Rec. = 1.3' Moist/Wet GC = 77.4 ppb
		14				
		16				
		22				
12	S-7	25	SW/GW		Same; no odor; v. dense (SW/GW).	Rec. = 1.9' Moist GC = 197.4 ppb
		32				
		43				
		50/.4				
14	S-8	14	SW/GW		RdBr cmf(+) S, s(-) f G; no odor; v. dense (SW/GW).	Rec. = 1.85' Moist GC = 57.2 ppb
		24				
		24				
		38				
16	S-9	24	SW/GW		Same (SW/GW).	Rec. = 2.0' Moist GC = 980.1 ppb
		28				
		32				
		29				
18	S-10	15	SW/GW		Same; rk @ tip of spoon (SW/GW).	Rec. = 1.15' Moist GC = 10 ppb
		20				
		40				
		11				
20					(SAND AND GRAVEL) 20.0'	
					End of Boring at 20.0'	
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected

RUST E&I		Test Boring Log				Boring No. UST-SB-12
Albany, NY (518) 458-1313						
PROJECT: West Nyack Site						Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.						Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area						Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/22/95	
GROUNDWATER DEPTH: 2.75'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/22/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka	
DATE OF MEAS.: 11/22/95	FALL	30"			Inspector: M.A. Williams	
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	35	FILL		Rock Ballast w/ soil (DkGr cmf S, l(-) Cy\$); v. dense (GW). (FILL) 1.2'	Rec. = 0.6' Dry/Moist GC = 52 ppb
		50				
		47				
		25				
	S-2	8	SW/GW		Br to Bl cmf S, l mf G; loose to med dense; strong petroleum; slight sheen (SW/GW). Same (SW/GW).	Rec. = 0.7' Wet GC = > 20,000 ppb
		3				
		2				
		2				
5	S-3	3	SW/GW		Same (SW/GW).	Rec. = 1.2' Wet GC = > 1,751 ppb
		4				
		5				
		7				
	S-4	1	SW		RdBr cm(+)f S, tr f G; occ rk frag; moderate sheen and petroleum odor (SW).	Rec. = 0.8' Wet GC = 1,260 ppb
		7				
		10				
		11				
	S-5	2	SW/GW		RdBr cmf S, l(-) mf G; occ cbls; subrounded m G @ 8.5-8.7'; med dense to v. dense (SW/GW).	Rec. = 0.8' Wet GC = 566 ppb
		7				
		16				
10		50/0.4'				
	S-6	1	SW		RdBr cm(+)f S, tr(-) f G; rk @ tip of spoon; moderate to strong petroleum odor; v. loose to v. dense (SW).	Rec. = 0.3' Wet GC = > 5,000 ppb
		1				
		50/0.3'				
	S-7*	13	SW/GW		RdBr mf S, l mf G; occ to freq rk pieces; cm S seam @ 13.4-13.8'; no significant odor or staining observed (SW/GW).	Rec. = 1.6' Moist/Wet GC = 85 ppb
		23				
		16				
		19				
15	S-8	8	SW/GW		RdBr cm(+)f S, l mf G; freq rk pieces (cbls); rk @ tip of spoon (SW/GW).	Rec. = 0.8' Moist/Wet GC = 137 ppb
		4				
		24				
		24				
	S-9	10	SW/GW		Same; freq rk pieces; med dense to dense (SW/GW).	Rec. = 1.45' Moist GC = < 5 ppb
		18				
		20				
		28				
	S-10	7	SW/GW		Same; no petroleum odor (SW/GW).	Rec. = 0.95' Moist GC = < 5 ppb
		14				
		14				
20		12				
					(SAND AND GRAVEL)	

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-12
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
22	S-11	16			RdBr rk chps; soil (14%) [Br mf S, l(+) m(+)]f G]; v. dense. (SAND AND GRAVEL) 21.9'	Rec. = 1.9' Moist GC = < 5 ppb GC = Gas Chromatograph ND = Non Detected Sample S-7 (12.0'-14.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method SW-846 8020 (BTEX) See Appendix K for raw analytical data/results concerning these samples.
		32				
		45				
		50/0.4'				
					End of Boring at 21.9'	
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	

RUST E&I Albany, NY (518) 458-1313		Test Boring Log				Boring No. UST-SB-13
PROJECT: West Nyack Site						Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.						Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area						Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/29/95	
GROUNDWATER DEPTH: 5.0'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/29/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka	
DATE OF MEAS.: 11/29/95	FALL	30"			Inspector: M.A. Williams	

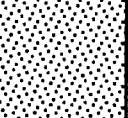
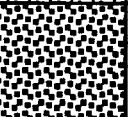
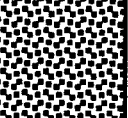
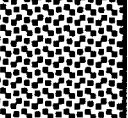
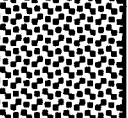
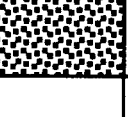
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	23	FILL		DkBr to Br mf(+) S, s(-) Cy\$, tr f G; occ cndrs; v. dense; road ballast @ 0.5' (FILL).	Rec. = 1.6' Dry GC = ND
		46				
		42				
		23				
	S-2	29	FILL		Same; dense (FILL).	Rec. = 1.1' Dry/Moist GC = ND
		25				
		32				
		14				
5	S-3	23	ML/SM		Br mf S, s Cy\$, tr f G. (FILL) 5.0'	Rec. = 1.7' Moist/Wet GC = ND
		10				
		26				
		14				
	S-4	10	ML/SM		DkBrO \$, tr f S; rts (ML/SM).	Rec. = 0.6' Moist/Wet GC = 15.4 ppb
		6				
		10				
		9				
	S-5	2	SM/SW/GW		(ORGANIC) 8.4'	Rec. = 0.55' Wet GC = ND
		18				
		18				
		9				
10					(SAND AND GRAVEL)	

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-13
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
10	S-6	2	SW/GW		RdBr cmf S, tr \$, l(-) f G; med dense (SW/GW).	Rec. = 0.8' Wet GC = ND
		3				
		10				
		17				
12	S-7	4	SW/GW		RdBr cmf S, l f G; occ rk frag; med dense (SW/GW).	Rec. = 0.9' Wet GC = ND
		8				
		9				
		11				
14	S-8	6	SW/GW		Same; loose to med dense (SW/GW).	Rec. = 0.6' Moist/Wet GC = ND
		5				
		6				
		5				
16	S-9	50	SW/GW	RdBr cm(+)f S, l(+) mf G; freq rk frag; v. dense (SW/GW).	Rec. = 0.6' Moist GC = ND	
		50/0.2'				
18	S-10	50/0.1'	SW/GW	Rk @ tip of spoon.	Rec = 0.1' Moist GC = 21.7 ppb	
20					(SAND AND GRAVEL) 20.0'	Rec = 0 Moist GC = 44.2 ppb
					End of Boring at 20.0'	
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromaograph ND = Non Detected

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-13A	
PROJECT: West Nyack Site					Sheet 1 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.	
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.	
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/29/95	
GROUNDWATER DEPTH: 6.2'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/29/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka	
DATE OF MEAS.: 11/29/95	FALL	30"			Inspector: M.A. Williams	
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	12	FILL		DkBrBl cmf S, tr Cy\$, l mf G; freq rk; v. dense (FILL).	Rec. = 1.75' Dry GC = ND
		47				
		45				
		30				
	S-2	27	FILL		Same; dense (FILL).	Rec. = 1.1' Dry/Moist GC = ND
		25				
		18				
		12				
	(FILL) 4.0'					
5	S-3	1	ML/SM		DkBr wd cks; s(-) O \$, tr f S; soft to stiff (ML/SM).	Rec. = 0.8' Moist/Wet GC = 6.2 ppb
		1				
		5				
		14				
	S-4	24	ML/SM		DkBrO \$, tr f S; rts; freq wd (ML/SM).	Rec. = 0.4' Wet GC = 230 ppb
		2				
		4				
		3				
	(ORGANIC) 8.0'					
	S-5	2	SW/GW		RdBr cmf S, l \$, l(+) mf G; loose to med dense (SW/GW).	Rec. = 0.75' Wet/Moist GC = 18.1 ppb
		8				
		11				
10		15				
					(SAND AND GRAVEL)	

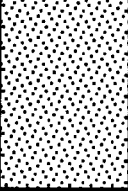
RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-13A	
PROJECT: West Nyack Site						Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks	
10	S-6	WOR	SM/SW		BrRdBr c(+)mf S, tr f G; v. loose to med dense (SM/SW).	Rec. = 1.0' Moist/Wet GC = 13.2 ppb	
		WOR					
		WOR					
		14					
12	S-7	11	SM/SW/ GW		Same; med dense (SM/SW/GW).	Rec. = 0.6' Moist/Wet GC = ND	
		11					
		17					
		16					
14	S-8	WOR	SM/SW/ GW		BrRdBr cm(+)f S, tr(-) \$, tr(-) mf G; v. loose to loose (SM/SW/GW).	Rec. = 0.4' Moist/Wet GC = 31.2 ppb	
		WOR					
		WOR					
		5					
16	S-9	26	SW/GW	RdBr cm(+)f S, s(-) mf G; freq rk frag; dense to med dense (SW/GW).	Rec. = 1.5' Moist/Wet GC = 28.2 ppb		
		15					
		9					
		9					
18	S-10	11	SW/GW	Same; v. dense (SW/GW).	Rec. = 1.0' Moist/Wet GC = ND		
		21					
		26					
		50					
20					(SAND AND GRAVEL) 20.0'		
					End of Boring at 20.0'		
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected WOR = Weight of Rods	

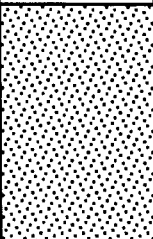
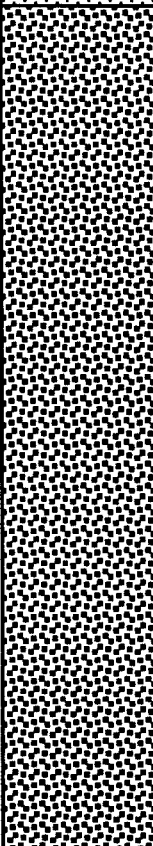
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-14
PROJECT: West Nyack Site					Sheet 1 of 1
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/29/95
GROUNDWATER DEPTH: 4.75'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/29/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 11/29/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	14	FILL		Br \$, l(+) f S, l(-) mf G; occ rk; bk & cndrs/asphalt; dense (FILL).	Rec. = 1.1' GC = ND
		30				
		23				
		12				
	S-2	11	FILL		(FILL) 3.9'	Rec. = 0.6' GC = ND
		9				
		22				
		13				
5	S-3	5	ML		DkBrO \$; occ rts; wd (ML).	Rec. = 1.2' GC = ND
		1				
		1				
		1				
	S-4	WOH	SM/SW		Br cmf S, l \$, tr f G; v. loose (SM/SW).	Rec. = 0.75' GC = 7.3 ppb
		1				
		1				
	S-5	WOR	SM/SW/GW		(SAND AND SILT) 8.5'	Rec. = 1.4' GC = 42.1 ppb
		3				
		13				
10	S-6	23	SW/GW		BrRdBr cmf S, a(-) mf G; freq rk frag; v. dense (SW/GW).	Rec. = 1.2' GC = ND
		13				
		25				
	S-7	26	GW/SW		RdBr mf G, l cmf S; freq to occ rk frag; dense (GW/SW).	Rec. = 0.5' GC = ND
		29				
		17				
	S-8	24	SW/GW		RdBr cmf S, a(-) mf G; occ rk frag; med dense (SW/GW).	Rec. = 1.5' GC = ND
		11				
		20				
15	S-9	9	SW/GW		RdBr cmf S, s(+) mf G; occ rk frag; med dense to v. dense (SW/GW).	Rec. = 1.1' GC = ND
		9				
		12				
	S-10	13			(SAND AND GRAVEL) 18.1'	Rec. = 0.1' GC = 11.7 ppb
		11				
		18				
18		18				
		50/0.3'				
		50/0.1'				
					End of Boring at 18.1'	
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	

GC = Gas Chromatograph
ND = Non Detected
WOH = Weight of Hammer
WOR = Weight of Rod

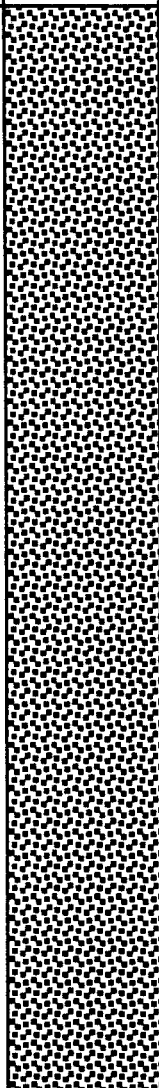
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-14A
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/30/95
GROUNDWATER DEPTH: 6.0'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/30/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 11/30/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	39	FILL		Gr GrBr \$, s(-) f S, l(-) mf G; freq rk pieces; asphalt; v. dense to dense (FILL).	Rec. = 1.3' Dry GC = ND
		42				
		29				
		15				
	S-2	50	FILL		Same; freq cndrs; v. dense (FILL).	Rec. = 0.5' Moist GC = ND
		50/0.3'				
	S-3	46	ML/SM		RdBr mf S, s Cy\$, l(+) mf G; rk (FILL). (FILL) 4.2'	Rec. = 0.7' Moist GC = ND
		50/0.3'				
5	S-4	1	ML		BrO \$; freq wd cks; soft to med stiff (ML). (ORGANIC) 7.7'	Rec. = 0.3' Wet GC = ND
		3				
		2				
		3				
	S-5	3	SM/SW		Br cmf S, tr(-) \$; loose to dense (SM/SW). (SAND AND SILT)	Rec. = 0.9' Wet GC = 12.8 ppb
		6				
		22				
10		23				

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-14A	
PROJECT: West Nyack Site						Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks	
10	S-6*	5	SM/SW		Br cm(+)f S, tr \$; med dense (SM/SW). (SAND AND SILT) 12.2'	Rec. = 1.0' Wet GC = ND	
		24					
		18					
		16					
12	S-7	15	SW/GW		Br cmf S, tr(+) mf(+) G; occ rk frag; dense (SW/GW).	Rec. = 0.3' Wet GC = 19.6 ppb	
		22					
		21					
		17					
14	S-8	9	SW/GW		RdBr cm(+)f S, l(+) mf G; occ rk frag; med dense (SW/GW).	Rec. = 1.1' Wet GC = ND	
		17					
		13					
		14					
16	S-9	16	SW/GW		Same; freq rk frag (SW/GW).	Rec. = 0.8' Moist/Wet GC = ND	
		32					
		24					
		11					
18	S-10	8	SW/GW		RdBr cmf S, s(-) mf G; freq rk frag; med dense (SW/GW). (SAND AND GRAVEL) 20.0'	Rec. = 1.1' Moist GC = ND	
		15					
		17					
		11					
20					End of Boring at 20.0' Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected Sample S-6 (10.0'-12.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method SW-846 8020 (BTEX). See Appendix K for raw analytical data/results concerning these samples.	

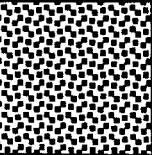
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-15	
PROJECT: West Nyack Site					Sheet 1 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.	
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.	
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/30/95	
GROUNDWATER DEPTH: 5.0'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/30/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka	
DATE OF MEAS.: 11/30/95	FALL	30"			Inspector: M.A. Williams	

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	36	FILL		Br \$, s mf S, tr f G; bk; rk @ surface; dense to med dense; petroleum odor (FILL).	Rec. = 1.1' Dry GC = 32,650 ppb
		21				
		16				
		9				
	S-2	5	FILL		Br cmf S, s \$, l mf G; wd; occ rk; petroleum odor noted; no sheen.	Rec. = 1.0' Moist GC = 1,855,000 ppb
		5				
		5				
		5				
	S-3	2	ML		Wood, l(-) O \$, tr(-) f S; occ rts (ML); slight to moderate petroleum odor.	Rec. = 1.1' Moist/Wet GC = 218,210 ppb
		2				
		4				
		8				
	S-4	2	ML/SM		DkBrO \$, l(-) mf S; occ sms noted; freq rts; med stiff (ML/SM).	Rec. = 1.3' Moist/Wet GC = 762.7 ppb
		3				
		3				
		3				
	S-5	3	SW/GW		Gr mf G, tr f S; grades into RdBr cmf S, s(-) mf G; occ rk (SW/GW).	Rec. = 1.4' Wet GC = 121.5 ppb
		7				
		9				
		12				
10					(SAND AND GRAVEL)	

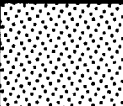
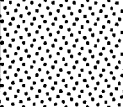
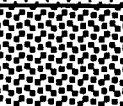
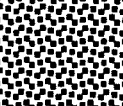
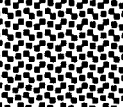
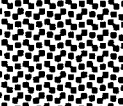
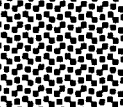
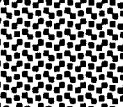
RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-15
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
10	S-6	10	SW/GW		RdBr cmf(+) S, l(-) mf(+) G; occ rk frag; med dense (SW/GW).	Rec. = 0.6' Wet GC = 27 ppb
		8				
		12				
		13				
12	S-7	12	GW/SW		RdBr mf G, l(+) cmf(+) S; freq rk frag; med dense to dense (GW/SW).	Rec. = 0.5' Wet GC = 527 ppb
		22				
		18				
		16				
14	S-8	11	SW/GW		Same (SW/GW).	Rec. = 1.7' Wet GC = 47 ppb
		14				
		14				
		13				
16	S-9	12	SW/GW		Br cmf S, tr f G; freq rk frag; med dense to dense (SW/GW).	Rec. = 1.5' Moist/Wet GC = 23 ppb
		12				
		18				
		31				
18	S-10	7	SW/GW		RdBr cm(+)f S, l(-) mf G; freq rk frag (SW/GW).	Rec. = 1.75' Moist/Wet GC = 42.4 ppb
		11				
		18				
		15				
20					(SAND AND GRAVEL) 20.0'	
					End of Boring at 20.0'	
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected

RUST E&I Albany, NY (518) 458-1313		Test Boring Log				Boring No. UST-SB-16
PROJECT: West Nyack Site					Sheet 1 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.	
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.	
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/4/95	
GROUNDWATER DEPTH: 5.25'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/4/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka	
DATE OF MEAS.: 12/4/95	FALL	30"			Inspector: M.A. Williams	

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	38	FILL		Asphalt; road ballast; Br mf S, l(+) \$, l mf G; freq rk.	Rec. = 1.5' Dry GC = 359 ppb
		22				
		17				
		16				
	S-2	7	FILL		Br cmf S, s(-) mf G; freq rk; gasoline odor noted; sl sheen; med dense. (FILL) 4.0'	Rec. = 0.8' Moist/Wet GC = 1,126,300 ppb
		7				
		6				
		4				
5	S-3	3	ML/SM		DkBrO \$, s(-) mf(+) S; occ mf S seam @ base of spoon; gas odor noted (ML/SM). (ORGANIC) 6.5'	Rec. = 0.95' Moist/Wet GC = 42,120 ppb
		2				
		2				
		2				
	S-4	2	SW/GW		Gr-GrGn cm(+)f S; grades to RdBr cmf S, l(+) mf G; occ rk; petroleum odor; loose to med dense (SW/GW).	Rec. = 1.4' Moist/Wet GC = 36,460 ppb
		3				
		11				
		9				
	S-5	6	SW/GW		RdBr cmf S, l(+) mf G; tr(-) \$; occ rk; med dense (SW/GW).	Rec. = 1.0' Wet GC = 2,252 ppb
		7				
		10				
		9				
10	S-6	23	SW/GW		Same; dense (SW/GW).	Rec. = 1.3' Wet GC = 1,264 ppb
		17				
		19				
		33				
	S-7	15	SW/GW		RdBr cm(+)f S, s(+) mf G; occ to freq rk frag; dense (SW/GW).	Rec. = 0.9' Wet GC = 3,917 ppb
		25				
		35				
		27				
	S-8*	10	SW/GW		Same (SW/GW).	Rec. = 1.85' Wet GC = 129 ppb
15		16				
		11				
		12				
	S-9	10	SW/GW		RdBr cmf S, s(-) mf G; occ to freq rk frag; med dense (SW/GW).	Rec. = 1.5' Wet GC = 7 ppb
		14				
		17				
		21				
	S-10	8	SW/GW		RdBr cmf S, tr f G between 19.4' to 19.7'; otherwise same as above (SW/GW). (SAND AND GRAVEL)	Rec. = 2.0' Wet GC = 9 ppb
		12				
		18				
20		27				

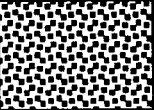
RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-16
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
22	S-11	14	SW/GW		RdBr cmf(+) S, a(-) mf G; occ to freq rk; dense (SW/GW).	Rec. = 1.1' GC = ND
		15				
		19				
		20				
	S-12	50			(SAND AND GRAVEL) 22.9'	Rec. = 0.6' GC = 17.6 ppb
		50/0.4'			End of Boring at 22.9' Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected Sample S-8 (14.0'-16.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method SW-846 8020 (BTEX). See Appendix K for raw analytical data/results concerning these samples.

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-17
PROJECT: West Nyack Site					Sheet 1 of 1
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/4/95
GROUNDWATER DEPTH: 7.5'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/4/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 12/4/95	FALL	30"			Inspector: M.A. Williams

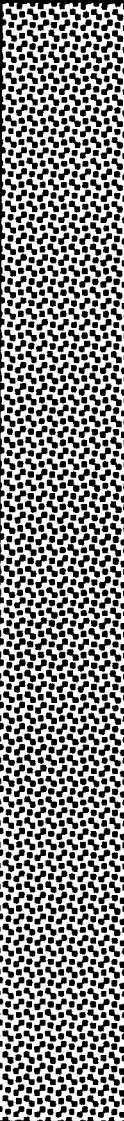
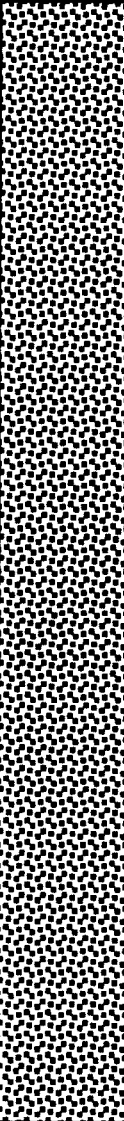
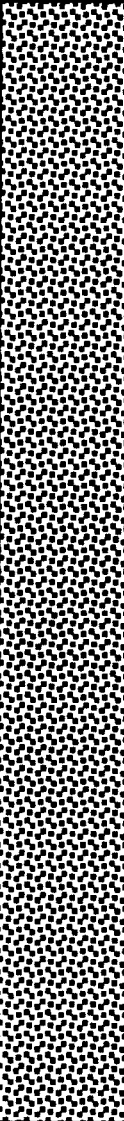
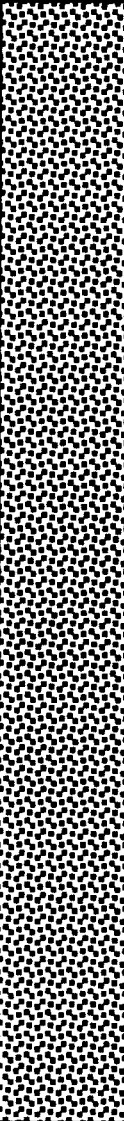
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	33	FILL		GrBl cmf S, l(+) cmf G; freq rk @ surface; asphalt chps; v. dense (FILL). (FILL) 2.3'	Rec. = 1.7' Dry GC = 4,483 ppb
		43				
		27				
		14				
	S-2	11	SM/SW		Br mf S, l(+) \$; med dense; gasoline odor; slight sheen (SM/SW). Same (SM/SW). (SAND AND SILT) 6.1'	Rec. = 0.4' Dry/Moist GC = 302,100 ppb
		8				
		6				
		5				
5	S-3	2	SM/SW			Rec. = 0.6' Moist/Wet GC = 565,400 ppb
		3				
		5				
		5				
	S-4	8	SW/GW		RdBr/GrGn cm(+)f S, tr(+) mf G; faint gas odor; med dense (SW/GW).	Rec. = 1.7' Moist/Wet GC = 556 ppb
		10				
		13				
		20				
	S-5	4	SW/GW		RdBr cmf S, s(-) mf G; occ rk frag; faint gas odor (SW/GW).	Rec. = 1.0' Wet GC = 1,507 ppb
		6				
		6				
		9				
10	S-6*	2	SW/GW		RdBr cmf S, tr Cy\$, s(-) mf G; loose to med dense (SW/GW).	Rec. = 1.6' Wet GC = 43 ppb
		4				
		10				
		12				
	S-7	37	GW/SW		RdBr mf G, l(-) cmf S; v. freq rk frag; v. dense (GW/SW).	Rec. = 1.0' Wet GC = 128 ppb
		40				
		25				
		50				
15	S-8	17	SW/GW		RdBr cm(+)f S, a(-) mf G; freq rk frag; v. dense (SW/GW).	Rec. = 1.5' Moist/Wet GC = ND
		24				
		33				
		27				
	S-9	21	GW/SW		RdBr cmf G, l(+) cmf S; v. freq rk frag; v. dense (GW/SW). (SAND AND GRAVEL) 18.0'	Rec. = 1.7' Moist/Wet GC = 207 ppb
		34				
		35				
		45				
18					End of Boring at 18.0'	GC = Gas Chromatograph ND = Non Detected Sample S-6 (10.0'-12.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: EPA Method SW-846 8020 (BTEX).
Boring subsequently abandoned using approved cement-bentonite grout mixture.						

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-18
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/6/95
GROUNDWATER DEPTH: 4.75'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/6/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 12/6/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	—	FILL		RdGr stone; broken asphalt. (FILL) 1.3'	Rec. = 0.4' Dry GC = > 10,000 ppb
—		6			Bl mf G, l(-) cmf S; bk; cndrs; occ rk; med dense; strong petroleum odor (FILL). (FILL) 2.1'	
—		11	ML/SM		DkBrO \$, l(-) mf S; strong to med petroleum odor; med stiff (ML/SM). (ORGANIC) 4.2'	
—		5			SW/SM	
5	8	S-3				RdBr cmf S, tr(+) Cy\$, tr(+) f G; occ rk frag; med dense; no sheen; no petroleum odor (SM/SW). (SAND AND SILT) 7.8'
—	13		S-4*	RdBr cm(+)f S, s(-) mf G; freq rk frag; med dense; no petroleum odor (SW/GW).		
—	12				SW/GW	
—	13	SW/GW				Same; med dense (SW/GW).
10	9		SW/GW	Same; med dense (SW/GW).		
—	9				SW/GW	
—	12	SW/GW				RdBr c(+)mf S, l mf G; freq rk pieces; med dense (SW/GW).
—	11		SW/GW	(SAND AND GRAVEL)		
—	11				SW/GW	
—	12	SW/GW				(SAND AND GRAVEL)
15	6		SW/GW	(SAND AND GRAVEL)		
—	12				SW/GW	
—	18	SW/GW				(SAND AND GRAVEL)
—	18		SW/GW	(SAND AND GRAVEL)		
—	13				SW/GW	
—	14	SW/GW				(SAND AND GRAVEL)
—	20		SW/GW	(SAND AND GRAVEL)		
—	17				SW/GW	
—	18	SW/GW				(SAND AND GRAVEL)
—	10		SW/GW	(SAND AND GRAVEL)		
—	11				SW/GW	
20	10	SW/GW				(SAND AND GRAVEL)

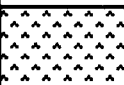
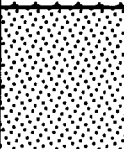
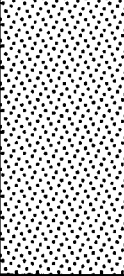
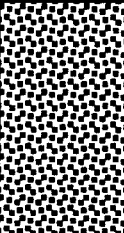
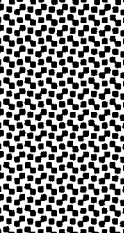
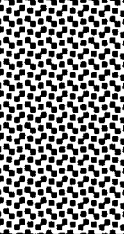
RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-18
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
22	S-11	4	SW/GW		RdBr cmf S, l(+) m(+)f G; freq cbls(+); med dense (SW/GW).	Rec. = 0.8' Moist/Wet GC = ND
		8				
		8				
		11				
End of Boring at 22.0'						GC = Gas Chromatograph ND = Non Detected WOR = Weight of Rods Sample S-4 (6.0'-8.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method SW-846 8020 (BTEX) See Appendix K for raw analytical data/results concerning these samples.
Boring subsequently abandoned using approved cement-bentonite grout mixture.						

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-19	
PROJECT: West Nyack Site					Sheet 1 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.	
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.	
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/6/95	
GROUNDWATER DEPTH: 6.5'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/6/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka	
DATE OF MEAS.: 12/6/95	FALL	30"			Inspector: M.A. Williams	

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS			
0	S-1	-	FILL		Gr to DkBIG cm G; broken asphalt pieces; soil (DkBrBl cmf S, l Cy\$; dense. (FILL) 0.7'	Rec. = 1.1' Dry GC = 19 ppb			
		-	SW/GW		RdBr cmf S, l \$, s mf G; rk @ tip of spoon; v. faint gas odor; med dense (SW/GW).	Rec. = 1.5' Moist/Wet GC = 58 ppb			
		9							
		10							
	7								
	3								
	12								
	18								
	1	SW/GW						RdBr cmf S, l mf G; freq rk frag; petroleum odor is moderate; slight sheen; loose to med dense (SW/GW).	Rec. = 1.2' Moist/Wet GC = 564 ppb
5	3								
	7								
	10								
	9	SW/GW		Same; gas noted; moderate to strong odor; med dense (SW/GW).	Rec. = 0.75' Wet GC = 1,685 ppb				
	10								
	11								
	14								
	10	SW/GW		RdBr cmf(+) S, l(-) m(+)f G; occ to freq rk frag; med dense; no odor (SW/GW).	Rec. = 0.8' Wet GC = 105 ppb				
	12								
	14								
10	10								
					(SAND AND GRAVEL)				

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-19					
PROJECT: West Nyack Site						Sheet 2 of 2					
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300					
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks					
10	S-6	8	SW/GW		Same (SW/GW).	Rec. = 0.65' Moist/Wet GC = 117 ppb					
		7									
		14									
		23									
12	S-7	23	GW/SW			RdBr rk pieces w/ soil (RdBr cmf S, l mf G; sbrded); v. dense (GW/SW).	Rec. = 0.55' Moist GC = 41 ppb				
		50/.03'									
14	S-8	15	GW/SW				DkRdBr rk frag; soil (s(+)) cm(+)f S, s(-) f G; v. dense (GW/SW).	Rec. = 0.8' Moist GC = ND			
		45									
		41									
		33									
16	S-9	17	SW/GW					RdBr cmf(+) S, a(-) mf G; occ rk piece; biotite & mica chips @ 17'; dense (SW/GW).	Rec. = 1.3' Wet/Moist GC = ND		
		20									
		19									
		23									
18	S-10	8	SM/SW						RdBr mf S, tr \$, a mf G; occ cbl; med dense (SM/SW).	Rec. = 1.1' Moist/Wet GC = 30 ppb	
		8									
		8									
		16									
20									(SAND AND GRAVEL) 20.0'		
									End of Boring at 20.0'	GC = Gas Chromatograph ND = Non Detected	
									Boring subsequently abandoned using approved cement-bentonite grout mixture.	Sample S-5 (8.0'-10.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Matrix Spike/Matrix Spike Duplicate sample collected. Analyzed for: * EPA Method SW-846 8020 (BTEX) See Appendix K for raw analytical data/results concerning these samples.	

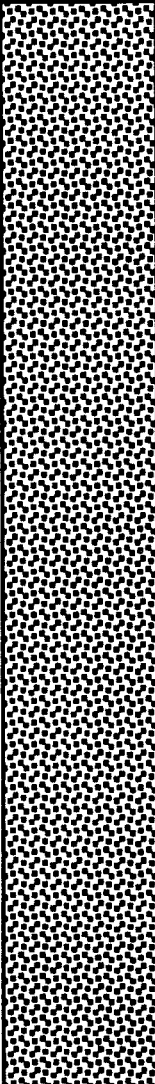
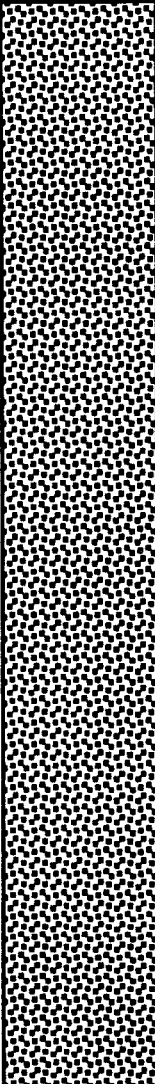
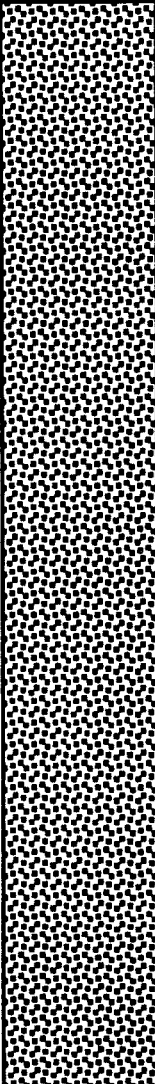
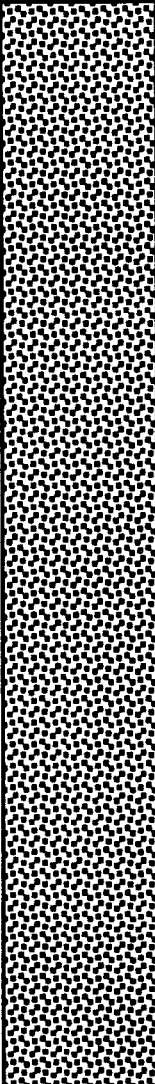
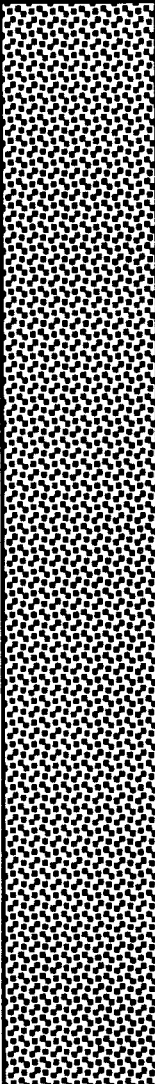
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-22
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/1/95
GROUNDWATER DEPTH: 3.0'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/1/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 12/1/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	-	FILL		Gr cm G; soil (Br mf S, tr mf G; freq rk); no odors; no staining; dense. (FILL) 0.8'	Rec. = 0.5' Moist/Wet GC = ND
		6	SM		Br mf S, s(+) S, tr(-) f G; soft; very faint petrol odor (SM). Same.	
		12				
		7				
	S-2	2	SM		Same.	Rec. = 1.7' Wet GC = ND
		1				
		2				
		3				
	S-3	6	SW		Br cm(+)f S, tr(-) f G; med dense (SW).	Rec. = 1.85' Wet GC = ND
		7				
		9				
		7				
	S-4	10	SW/GW		Br to RdBr cmf(+) S, l(-) mf G; v. occ rk pieces; med dense (SW/GW).	Rec. = 1.1' Wet GC = ND
		11				
		12				
		12				
	S-5	8	SW/GW		Same.	Rec. = 0.8' Wet GC = ND
		12				
		14				
10		16				

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-22	
PROJECT: West Nyack Site						Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks	
10	S-6	24	SW/GW		RdBr cmf S, a mf G; v. freq rk pieces; rk @ tip of spoon; dense to v. dense (SW/GW).	Rec. = 1.2' Moist/Wet GC = ND	
		18					
		24					
		32					
12	S-7	39	GW		LtBr/YwBr cmf G, tr cmf S; v. freq cbls; v. dense (GW).	Rec. = 0.9' Moist GC = ND	
		32					
		50/0.4'					
14	S-8	14	SW/GW		RdBr cmf S, s(+) m(+)f G; v. freq rk frag; dense to v. dense (SW/GW).	Rec. = 1.1' Moist/Wet GC = ND	
		19					
		24					
		26					
16	S-9	22	SW/GW	RdBr cmf S, a(+) mf G; freq rk pieces (cbls); v. dense (SW/GW).	Rec. = 0.8' Moist GC = ND		
		36					
		50/0.4'					
18	S-10	17	SW/GW	Same (SW/GW).	Rec. = 1.0' Moist/Wet GC = ND		
		20					
		22					
		22					
20					(SAND AND GRAVEL) 20.0'		
					End of Boring at 20.0'		
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected	

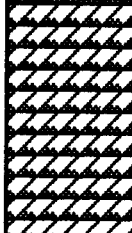
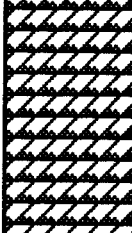
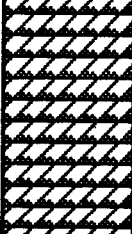
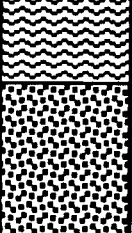
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-23
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/30/95
GROUNDWATER DEPTH: 8.5'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/30/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 11/30/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	25	FILL		Br to DkBr Cy\$, s(-) mf S, l mf G; freq rk; faint gasoline noted.	Rec. = 1.8' Moist GC = 1,613 ppb
		25				
		20				
		11				
	S-2	6	FILL		Br mf S, s Cy\$, gasoline odor & sheen noted.	Rec. = 0.35' Moist GC = 172,900 ppb
		7				
		3				
		5				
5	S-3	3	FILL		Br cmf S, l(+) Cy\$, l(-) mf G; freq rts; small wd cks; soft; spongy; very faint gasoline odor.	Rec. = 1.8' Moist GC = 281,100 ppb
		2				
		2				
		3				
	S-4	3	ML/SM		DkBrO \$, s(-) mf S; occ rts; soft to med stiff (ML/SM).	Rec. = 0.55' Moist/Wet GC = 368 ppb
		2				
		3				
		4				
	S-5	4	SW/GW		RdBr mf S, l(-) \$, s(-) mf G; occ rk frag; med dense (SW/GW).	Rec. = 1.0' Wet GC = 155.3 ppb
		5				
		7				
		12				
10					(SAND AND GRAVEL)	

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-23					
PROJECT: West Nyack Site						Sheet 2 of 2					
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300					
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks					
10	S-6	4	SW/GW		Same; no rk frag (SW/GW).	Rec. = 0.7' Moist/Wet GC = 84.7 ppb					
		10									
		12									
		15									
12	S-7	14	SW/GW			BrRd c(+)mf S, s(-) mf G; freq rk frag; med dense (SW/GW).	Rec. = 0.65' Moist/Wet GC = 920 ppb				
		16									
		20									
		24									
14	S-8	10	SW/GW				Same; med dense to v. dense (SW/GW).	Rec. = 1.2' Moist/Wet GC = 257.5 ppb			
		19									
		18									
		38									
16	S-9	14	SW/GW					RdBr cmf S, a(-) mf G; freq rk frag; dense (SW/GW).	Rec. = 0.7' Moist/Wet GC = 39.3 ppb		
		17									
		24									
		13									
18	S-10	14	SW/GW						RdBr cmf S, s(-) mf G; occ to freq rk frag; dense (SW/GW).	Rec. = 0.5' Moist/Wet GC = 161.8 ppb	
		15									
		19									
		21									
20									(SAND AND GRAVEL) 20.0'		
									End of Boring at 20.0'		
									Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected	

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-24					
PROJECT: West Nyack Site					Sheet 1 of 1					
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300					
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.					
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.					
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL					
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/30/95					
GROUNDWATER DEPTH: 3.0'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 11/30/95					
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka					
DATE OF MEAS.: 11/30/95	FALL	30"			Inspector: M.A. Williams					
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS				
0	S-1	24	FILL		Br mf S, l(+) \$, l(+) mf G; occ bk; freq rks; dense.	Rec. = 1.7' Dry				
		42								
		49								
		22								
	S-2	29					FILL		Br mf S, s(-) \$, l mf G; bks; wd; viscous oil noted at tip of spoon and along auger lead; no strong gas-like odor.	Rec. = 1.6' Moist
		29								
		17								
		12								
(FILL) 4.0'										
End of Boring at 4.0'										
Boring subsequently abandoned using approved cement-bentonite grout mixture.										

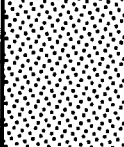
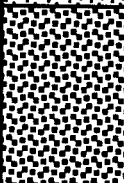
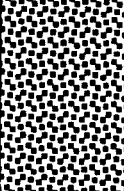
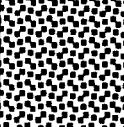
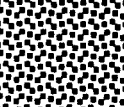
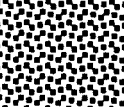
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. UST-SB-25
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/1/95
GROUNDWATER DEPTH: 4.75'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/1/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for total BTEX.		Driller: Rick Navatka
DATE OF MEAS.: 12/1/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	22	FILL		Br \$, s(+) mf S, l(-) mf G; rk; occ metal frag; dense.	Rec. = 1.4' Moist GC = 51 ppb
		39				
		50/0.3'				
	S-2	7	FILL		Br to BrBl cmf S, l(+) mf G; freq wd cks; electrical refuse debris [ceramic insulators, wire, plastic, etc.]	Rec. = 0.6' Moist/Wet GC = 987,400 ppb
		8				
		4				
		4				
5	S-3	7	FILL		Electrical refuse debris; l(+) soil [cmf S, tr f G]; v. loose; petroleum odor noted.	Rec. = 0.1' Wet GC = 244,300 ppb
		6				
		7				
		8				
	S-4	5	ML		DkBrO \$; wd; rts; med stiff (ML).	Rec. = 1.8' Moist/Wet GC = 1,269,400 ppb
		4				
		4				
		4				
	S-5	10	SW/GW		(ORGANIC) 8.5'	Rec. = 1.2' Moist/Wet GC = 5,191 ppb
		14				
		10				
10		11				
					(SAND AND GRAVEL)	

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. UST-SB-25
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
10	S-6	4	SW/GW		RdBr cmf S, l(+) mf G; occ rk frag; loose to medium dense (SW/GW).	Rec. = 1.8' Wet GC = 835.6 ppb
		4				
		8				
		11				
12	S-7	11	SW/GW		RdBr cm(+)f S, s(+) mf G; occ rk frag; med dense to dense (SW/GW).	Rec. = 0.6' Moist/Wet GC = 1,481 ppb
		14				
		15				
		20				
14	S-8	14	SW/GW		Same; rk @ tip of spoon; dense (SW/GW).	Rec. = 1.7' Moist/Wet GC = 6,063 ppb
		24				
		23				
		13				
16	S-9	7	SM/SW		RdBr c(+)mf S, l(+) mf(+) G; v. occ rk pieces; med dense (SM/SW).	Rec. = 1.4' Moist/Wet GC = 1,760 ppb
		6				
		10				
		7				
18	S-10	8	SM/SW		Same (SM/SW).	Rec. = 1.0' Moist/Wet GC = 29.7 ppb
		9				
		10				
		14				
20					(SAND AND GRAVEL) 20.0'	
					End of Boring at 20.0'	
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected

B.3

Dry Well Area

RUST E&I			Test Boring Log				Boring No. DW-SB-01
Albany, NY (518) 458-1313							
PROJECT: West Nyack Site							Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.							Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.							Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former Dry Well Area							Ground Elev.
DRILLING METHOD: HSA			SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55		TYPE	SS		HSA	Date Started: 12/6/95	
GROUNDWATER DEPTH: 2.0'		DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/6/95	
MEAS. PT.: Ground Surface		WEIGHT	140#	GC results are for highest VOC concentrations		Driller: Rick Navatka	
DATE OF MEAS.: 12/6/95		FALL	30"			Inspector: M.A. Williams	
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS	
0	S-1	17	FILL		Br to ltgr cmf S, l \$, a(+) mf G.	Rec. = 1.6' Dry GC = 5.2 J ppb (1,1-DCE1,1,1-TCA)	
		21					
		21					
		24					
	S-2	22	FILL		RdBr mf(+) S, s \$, l mf G; occ rk; med dense (SM).	Rec. = 0.8' Moist/Wet GC = 5.4 J ppb (1,1-DCE1,1,1-TCA)	
		11					
		9					
		5					
	S-3	3	ML/SC		DkBrO \$, l(+) Cy mf(+) S, sft (ML/SC). (ORGANIC)	Rec. = 1.9' Moist/Wet GC = 26.3 ppb (1,1-DCE1,1,1-TCA)	
5		3	SM				
		3	SM				
		8	ML/SM				
	S-4	8	ML/SM		RdBr to LtBr mf S, tr \$, tr(-) f G; loose (SM). GrGn mf(+) S, a(-) Cy\$; stiff (ML/SM). RdBr mf S, l(-) Cy\$; v. stiff (ML/SM). (SAND AND SILT)	Rec. = 1.5' Wet GC = 8.0 J ppb (1,1-DCE1,1,1-TCA)	
		10	ML/SM				
		41	SW/GW				
		22	SW/GW				
	S-5	5	SW/GW		RdBr cmf S, s(-) mf G; freq to occ rk frag; v. dense (SW/GW). Same; med dense (SW/GW).	Rec. = 1.1' Wet GC = ND	
		8	SW/GW				
		9	SW/GW				
		11	SW/GW				
10	S-6	WOR	SP		Br cmf S, tr(-) f G; v. loose (SP). (SAND)	Rec. = 0.75' Wet GC = ND	
		WOR	SMSW				
		10	SMSW				
		17	SMSW				
	S-7	11	GW/SW		RdBr cmf S, s(-) mf G; freq rk frag; med dense (SM/SW). RdBr mf G, l(-) mf S; v. freq rk pieces; cbls; dense to v. dense (GW/SW).	Rec. = 1.25' Moist/Wet GC = ND	
		20	GW/SW				
		40	GW/SW				
		32	GW/SW				
	S-8	38	GW/SW		Same; v. dense to dense (GW/SW).	Rec. = 1.4' Moist/Wet GC = 5.4 ppb (Toluene)	
15		20	GW/SW				
		22	GW/SW				
		14	GW/SW				
	S-9	11	SMSW		RdBr cmf S, tr(+) Cy\$, a(+) mf G; occ rk frag; med dense to dense (SM/SW).	Rec. = 1.1' Moist/Wet GC = 8.5 J ppb (1,1-DCE1,1,1-TCA)	
		12	SMSW				
		18	SMSW				
		14	SMSW				
	S-10	12	SW/GW		RdBr cmf S, a mf G; rded; occ to freq rk frag; dense to v. dense (SW/GW).	Rec. = 0.95' Moist GC = 251 ppb (1,1-DCE1,1,1-TCA)	
		20	SW/GW				
		27	SW/GW				
20		36	SW/GW				
					(SAND AND GRAVEL)	(1,1-DCE1,1,1-TCA)	

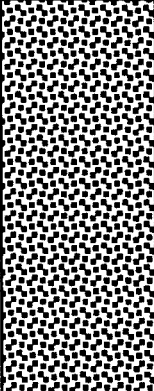
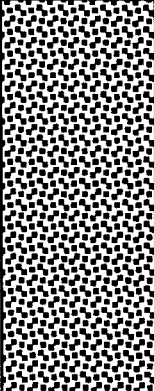
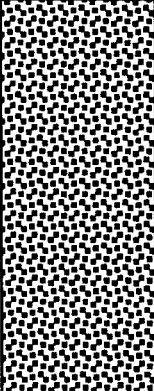
RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. DW-SB-01
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
20	S-11	13	SW/GW		RdBr cmf(+) S, a(-) mf G; freq rk pieces; v. dense (SW/GW).	Rec. = 0.6' Moist GC = 272 ppb (1,1-DCE\1,1,1-TCA)
		35				
		50/0.4'				
22	S-12	62			RdBl rk; rock lodged in tip of spoon.	Rec. = 0.4' Moist GC = 466 ppb (1,1-DCE\1,1,1-TCA)
24	S-13*	42	SW/GW		RdBr mf(+) S, l mf(+) G; freq rk frag; v. dense (SW/GW).	Rec. = 0.7' Moist GC = 1,430 ppb (1,1-DCE\1,1,1-TCA)
		32				
		50/0.2'				
26	S-14**	32			(SAND AND GRAVEL) 26.7'	Rec. = 0.5' Moist GC = 40.5 ppb (1,1-DCE\1,1,1-TCA)
		50/0.2'			End of Boring at 26.7' Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected WOR = Weight of Rods J = Estimated Sample S-13 (24.0'-24.7') and S-14 (26.0'-26.7') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method 8240 ** EPA Method 8021 See Appendix K for raw analytical data/results concerning these samples.

RUST E&I		Test Boring Log				Boring No. DW-SB-02
Albany, NY (518) 458-1313						
PROJECT: West Nyack Site					Sheet 1 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.	
PURPOSE: Environmental Monitoring - Former Dry Well Area					Ground Elev.	
DRILLING METHOD: HSA			SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55		TYPE	SS		HSA	Date Started: 12/7/95
GROUNDWATER DEPTH: 5.5'		DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/8/95
MEAS. PT.: Ground Surface		WEIGHT	140#	GC results are for highest VOC concentrations		Driller: Rick Navatka
DATE OF MEAS.: 12/7/95		FALL	30"			Inspector: M.A. Williams
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	—	FILL		Gray c G; asphalt to 0.18'; subangular Gravel; v. dense (FILL). (FILL) 1.0'	Rec. = 1.0' Moist GC = 75.3 ppb (1,1-DCE/1,1,1-TCA)
		11				
		22				
	S-2	16	SM/GM		Br cmf S, tr \$, l(+) mf G; loose to med dense (SM/GM).	Rec. = 1.3' Moist GC = 6.0 J ppb (1,1-DCE/1,1,1-TCA)
		18				
		15				
		20				
5	S-3	3	SM/GM		Br cmf S, l \$, l mf G; loose to med dense (SM/GM). (FILL) 5.8'	Rec. = 1.85' Moist/Wet GC = 7.8 J ppb (1,1-DCE/1,1,1-TCA)
		4				
		7				
	S-4	12	SM		RdBr mf(+) S, l(-) Cy\$; occ rk piece; med dense (SM).	Rec. = 1.7' Wet GC = 4.3 J ppb (trans-1,2-DCE)
		9				
		7				
	S-5	4	SM		Same (SM).	Rec. = 1.2' GC = 11.0 J ppb (1,1-DCE/1,1,1-TCA)
		4				
		9				
10	S-6	9			RdGr rk; rk @ tip of spoon.	Rec. = 0.4' Wet GC = 30.8 ppb (1,1-DCE/1,1,1-TCA)
		9				
		9				
		9				
	S-7	8	SM/GM		RdBr mf(+) S, l Cy\$; occ to freq rk pieces; med dense to v. dense (SM/GM).	Rec. = 0.8' Moist/Wet GC = 19.2 J ppb (1,1-DCE/1,1,1-TCA)
		12				
		18				
		42				
15	S-8	50/0.2'			RdGr to BiGr rk; rk @ tip of spoon; v. dense.	Rec. = 0.2' Moist/Wet GC = ND
	S-9	11	SM/GM		RdBr cmf S, tr \$, l(-) mf G; freq rk pieces; dense to med dense (SM/GM).	Rec. = 1.4' Moist/Wet GC = 33.3 ppb (1,1-DCE/1,1,1-TCA)
		23				
		15				
	S-10	12			(SAND AND SILT) 19.4'	Rec. = 1.2' Moist GC = 9.0 J ppb (1,1-DCE/1,1,1-TCA)
		14				
		15				
20		25			RdBr to LtGr rk, l mf S, tr mf G; v. dense (SW). (SAND AND GRAVEL)	
		50	GW			

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. DW-SB-02
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
20	S-11	14	SW/GW		RdBr cmf S, a(-) m(+)f G; subrded to rded; freq rk frag; v. dense (SW/GW).	Rec. = 0.4' Moist GC = 27.5 ppb (1,1-DCE\1,1,1-TCA)
		50/0.2'				
22						
	S-12	19	SW/GW		RdBr cmf S, a(+) m(+)f G; v. freq rk pieces; v. dense (SW/GW).	Rec. = 0.8' Moist GC = 134 ppb (1,1-DCE\1,1,1-TCA)
		37				
		63				
24	S-13	55			Rk at tip of spoon; v. dense (SW/GW).	Rec. = 0.3' Moist GC = 32.2 ppb (1,1-DCE\1,1,1-TCA)
26	S-14*	50/0.4'			(SAND AND GRAVEL) 26.4'	Rec. = 0.25' Moist GC = 34.7 ppb (TCE)
					End of Boring at 26.4' Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected J = Estimated Sample S-14 (26.0'-26.4') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method 8021. See Appendix K for raw analytical data/results concerning these samples.

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. DW-SB-03
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former Dry Well Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS	—	HSA	Date Started: 12/7/95
GROUNDWATER DEPTH: 1.5'	DIAM.	2" O.D.	—	4 1/4" I.D.	Date Finished: 12/7/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for highest VOC concentrations		Driller: Rick Navatka
DATE OF MEAS.: 12/7/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	—	FILL		Gray c G; asphalt to 0.25'; gravel is subangular; cbis (FILL).	Rec. = 0.6' Dry GC = ND
—		—				
—		47				
—		43				
—	S-2	—	FILL		(FILL) 3.2'	Rec. = 0.75' Wet GC = 14.6 ppb (Toluene)
—		—				
—		7				
—	S-3	6	SW/GW		Br cmf S, tr Cy\$, a mf G; med dense (SW/GW).	Rec. = 0.6' Wet GC = ND
5		9				
—		11				
—		20				
—	S-4	13	SW/GW		Br cmf S, tr \$, s(+) mf(+) G; occ rk frag; med dense to dense (SW/GW).	Rec. = 1.1' Wet GC = ND
—		13				
—		23				
—	S-5	25	GW		RdBr cmf G, l(+) cmf S; v. freq rk frag; dense to med dense (GW).	Rec. = 1.0' Wet GC = ND
—		16				
—		21				
—		15				
10	S-6	9	GW/SW		RdBr to Gr rk (boulder frag), l cmf S; med dense (GW/SW).	Rec. = 0.7' Wet GC = 17.9 J ppb (1,1-DCE\1,1,1-TCA)
—		6				
—		8				
—		8				
—	S-7	11	SW/GW		RdBr cmf S, a(+) mf G; occ to freq rk frag; dense (SW/GW).	Rec. = 1.1' Moist/Wet GC = 16.2 J ppb (1,1-DCE\1,1,1-TCA)
—		14				
—		18				
—		20				
—	S-8	20	SW		Br to RdBr cmf S, tr(-) f G; med dense (SW).	Rec. = 1.6' Moist/Wet GC = 28.8 ppb (1,1-DCE\1,1,1-TCA)
15		10				
—		12				
—		12				
—	S-9	12	SW		RdBr cmf S; med dense (SW).	Rec. = 1.2' Wet GC = 69.8 ppb (1,1-DCE\1,1,1-TCA)
—		8				
—		7				
—		8				
—	S-10	11	SW/GW		RdBr cm(+)f S, l(-) mf(+) G; rk @ 19-19.2'; dense (SW/GW).	Rec. = 1.9' Moist/Wet GC = 27.5 ppb (1,1-DCE\1,1,1-TCA)
—		12				
—		16				
—		17				
20		23			(SAND AND GRAVEL)	

RUST E&I Albany, NY (518) 458-1313			Test Boring Log		Boring No. DW-SB-03	
PROJECT: West Nyack Site					Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
20	S-11	6	SW/GW		RdBr cm(+)f S, l mf G; freq rk frag; med dense to dense (SW/GW).	Rec. = 1.0' Moist/Wet GC = 35.8 ppb (1,1-DCE\1,1,1-TCA)
		9				
		18				
		30				
22	S-12	50/0.2'			rk @ tip of spoon.	Rec. = 0.8' Dry GC = 49.3 ppb (1,1-DCE\1,1,1-TCA)
24	S-13	32	SW/GW		RdBr mf S, tr f G; freq rk frag; relic bedding; v. dense (SW/GW).	Rec. = 0.6' Dry/Moist GC = 84 ppb (1,1-DCE\1,1,1-TCA)
		50/0.1'				
26	S-14*	22	SW/GW		BrRdBr mf S, l(-) mf G; freq rk pieces; v. dense (SW/GW).	Rec. = 0.75' GC = 71.6 ppb (1,1-DCE\1,1,1-TCA)
		28				
		50/0.1'				
					(SAND AND GRAVEL) 27.1'	
					End of Boring at 27.1'	
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	GC = Gas Chromatograph ND = Non Detected J = Estimated
						Sample S-14 (26.0'-27.1') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis.
						Analyzed for: * EPA Method 8021.
						See Appendix K for raw analytical data/results concerning these samples.

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. DW-SB-04
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former Dry Well Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/8/95
GROUNDWATER DEPTH: 6.0'	DIAM.	2" O.D.		4 1/4" I.D.	Date Finished: 12/8/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for highest VOC concentrations		Driller: Rick Navatka
DATE OF MEAS.: 12/8/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	—	FILL		Gr c G, s cmf S; asphalt; angular Gravel (road ballast) (FILL). (FILL) 1.0'	Rec. = 0.8' Dry GC = 6.0 J ppb (1,1-DCE1,1,1-TCA)
		14				
		15				
	S-2	10	SM/SW		DkBr cmf S, l \$, s(+) mf G; occ rk; v. stiff (SM/SW).	Rec. = 0.9' Moist GC = 7.0 J ppb (1,1-DCE1,1,1-TCA)
		13				
		14				
		16				
5	S-3	3	SW/GW		Br cm(+)f S, tr(-) \$, a(-) mf G; occ rk piece; loose (SW/GW).	Rec. = 0.4' Moist/Wet GC = 8.5 J ppb (1,1-DCE1,1,1-TCA)
		4				
		3				
		5				
	S-4	4	SW/GW		BrRdBr cmf S, s mf G; occ rk frag; med dense (SW/GW).	Rec. = 1.1' Wet GC = ND
		14				
		14				
		9				
	S-5	4	SM		Br mf S, l \$, tr f G; med dense (SM).	Rec. = 1.9' Wet GC = 21.3 J ppb (1,1-DCE1,1,1-TCA)
		10				
		10				
		15				
10	S-6	17	SW/GW		RdBr cmf(+) S, l(+) mf G; occ rk piece; dense (SW/GW).	Rec. = 1.8' Moist/Wet GC = 23.3 J ppb (1,1-DCE1,1,1-TCA)
		20				
		18				
		17				
	S-7	7	SW/GW		RdBr cmf S, a(-) mf G; occ rk piece; med dense to dense (SW/GW).	Rec. = 1.2' Moist/Wet GC = 7.7 J ppb (1,1-DCE1,1,1-TCA)
		19				
		15				
		17				
15	S-8	26	SW/GW		RdBr cmf S, a mf G; freq rk pieces; dense to very dense (SW/GW).	Rec. = 1.4' Moist GC = 7.1 J ppb (1,1-DCE1,1,1-TCA)
		25				
		23				
		24				
	S-9	17	SW/GW		Br cm(+)f S, l mf G; occ to freq rk pieces; relic bedding noted (SW/GW).	Rec. = 1.0' Moist GC = 22.3 J ppb (1,1-DCE1,1,1-TCA)
		15				
		15				
		15				
	S-10	9	SW/GW		Br cmf S, l(-) mf G; freq rk frag (SW/GW).	Rec. = 1.75' Moist GC = 135 ppb (1,1-DCE1,1,1-TCA)
		11				
		17				
		24				
20	(SAND AND GRAVEL)					

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. DW-SB-04	
PROJECT: West Nyack Site						Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks	
20	S-11	15	SW/GW		Br cmf S, l mf G; freq rk frag; dense (SW/GW).	Rec. = 1.6' Moist GC = 91.9 ppb (1,1-DCE1,1,1-TCA)	
		18					
		18					
		36					
22	S-12	70	GW/SW		Same; rk @ tip of spoon; relic bedding (GW/SW).	Rec. = 1.5' Moist/Wet GC = 120 ppb (1,1-DCE1,1,1-TCA)	
24	S-13	35	SW/GW		Br cmf(+) S, tr f G; freq rk frag; slight relic bedding noted; v. dense (SW/GW).	Rec. = 1.0' Moist GC = 30.0 ppb (TCE)	
		32					
		50/0.4'					
26	S-14*	57	SW/GW	Same; v. dense (SW/GW).	Rec. = 0.4' Moist GC = 12.0 ppb (TCE)		
28	S-15	50/0.2'			(SAND AND GRAVEL) 28.2'		
End of Boring at 28.2'							
Boring subsequently abandoned using approved cement-bentonite grout mixture.						GC = Gas Chromatograph ND = Non Detected J = Estimated Sample S-14 (26.0'-26.5') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Matrix spike/matrix spike duplicate sample also collected from 26.0'-26.5'. Analyzed for: * EPA Method 8021. See Appendix K for raw analytical data/results concerning these samples.	

RUST E&I Albany, NY (518) 458-1313		Test Boring Log				Boring No. DW-SB-05/ DW-SB-05A
PROJECT: West Nyack Site						Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.						Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former Dry Well Area						Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/11/95	
GROUNDWATER DEPTH: 2.25'	DIAM.	2" O.D.		4 1/4" I.D.	Date Finished: 12/11/95	
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for highest VOC concentrations			Driller: Rick Navatka
DATE OF MEAS.: 12/11/95	FALL	30"				Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS	
0	S-1	—	FILL		Augered down to 1.1' BGS. Asphalt, grey m G; angular (road stone). (FILL) 1.1'	Rec. = 0.5' Moist/Wet GC = 9.8 J ppb (1,1-DCE1,1,1-TCA)	
—		4					
—		7	FILL	RdBr to GrBl f S, l(+) \$, l(-) mf G; freq rks; cndrs; bks. (FILL) 2.3'			
—		9	FILL		Br mf S, s(-) \$, l(-) mf G; occ pbls; stiff (FILL). (FILL) 3.8'		
—	4						
—	4						
—	3						
5	S-3*	WOR	SW		Br cm(+)f S, a mf G; v. loose to loose (SW). (SAND AND GRAVEL) 5.1'	Rec. = 1.6' Moist/Wet GC = 530 ppb (1,1-DCE1,1,1-TCA) Retest = 220 ppb (1,1-DCE1,1,1-TCA)	
		1					
		5					
	—	11	SM/SW		Br cmf S, tr \$, s(-) mf G; dense (SM/SW).		
—	28						
S-4	—	21					
	—	15					
	—	15					
—	S-5	7	SM/SW		BrRdBr mf(+) S, tr(+) \$, s(-) mf(+) G; v. stiff (SM/SW). (SAND AND GRAVEL) 9.9'	Rec. = 1.7' Moist GC = ND	
		—					13
		—					10
		—					10
10	S-6	WOR (overdrilled)	SM		BrRdBr mf S, s(-) \$, tr(+) mf G; stiff (SM). (SAND AND SILT) 11.8'	Rec. = 1.65' Moist/Wet GC = 8.2 J ppb (1,1-DCE1,1,1-TCA)	
—		4					
—		6					
—		5					
—	S-7	11	SM/SW		RdBr mf(+) S, tr \$, l(+) f G; occ rk piece; med dense (SM/SW).	Rec. = 1.2' Moist GC = ND	
		—					8
		—					4
		—					14
15	S-8	12	SW/SP		RdBr cmf S, tr Cy\$, s mf G; rded; occ to freq rk pce; med dense (SW/SP).	Rec. = 1.1' Moist GC = ND	
		—					14
		—					13
		—					10
—	S-9	7	SW/SP		Same (SW/SP).	Rec. = 1.6' Moist GC = 10.3 J ppb (1,1-DCE1,1,1-TCA)	
		—					9
		—					11
		—					10
20	S-10	16	SW/SP		RdBr mf(+) S, tr \$, s mf G; occ to freq rk pieces; dense to very dense (SW/SP). (SAND AND GRAVEL)	Rec. = 1.5' Moist GC = 11.6 J ppb (1,1-DCE1,1,1-TCA)	
		—					20
		—					26
		—					28

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. DW-SB-05/ DW-SB-05A	
PROJECT: West Nyack Site						Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks	
20	S-11	WOR	SP		RdBr c(+)mf S, tr f G; v. loose (SP); (SAND) 21.3'	Rec. = 0.8' Wet GC = 133 ppb (1,1-DCE1,1,1-TCA) Rec. = 1.1' Moist/Wet GC = 42.0 ppb (1,1-DCE1,1,1-TCA) Rec. = 0.1' Moist/Wet GC = 20.7 J ppb (1,1-DCE1,1,1-TCA) GC = Gas Chromatograph ND = Non Detected WOR = Weight of Rod J = Estimated Sample S-3 (4.0'-6.0') and S-13 (24.0'-24.4') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * EPA Method 8021 See Appendix K for raw analytical data/results concerning these samples.	
		WOR					
		6					
		10					
22	S-12	8	SM/SW/GM		RdBr cmf S, tr \$, s(-) f G; freq rk pieces; dense to v. dense (SM/SW/GM). (SAND AND GRAVEL) 24.4'		
		30					
		50					
		50/0.3'					
24	S-13	50/0.4'					
End of Boring at 24.4' Boring subsequently abandoned using approved cement-bentonite grout mixture.							

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. DW-SB-06
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Former Dry Well Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/12/95
GROUNDWATER DEPTH: 4.5'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/12/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for highest VOC concentrations		Driller: Rick Navatka
DATE OF MEAS.: 12/12/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS	
0		—	FILL		AUGERED to 1.1'. Gray cmf G, l cmf S; (road stone); dense. (FILL)	Rec. = 0.8' Moist GC = ND	
—	S-1	10 12	SM		Br mf(+) S, l \$, s mf G; med dense (SM).	Rec. = 1.1' Moist GC = 15.5 J ppb (1,1-DCE/1,1,1-TCA)	
—	S-2	9 10 6 4			Br mf S, a \$, tr f G; loose (SM).	Rec. = 1.3' Moist/Wet GC = 8.1 J ppb (1,1-DCE/1,1,1-TCA)	
5	S-3	2 2 2 5			SM	BrGr mf S, l(-) Cy\$; stiff to v. stiff (SM/ML).	Rec. = 1.0' Moist/Wet GC = ND
—	S-4	3 7 10 12			SM/ML	Br mf S, l(+) Cy\$; tr(+) mf(+) G; stiff to very stiff (SM/ML).	Rec. = 1.2' Wet GC = 5.7 J ppb (1,1-DCE/1,1,1-TCA)
—	S-5	7 6 7 12	SM/ML		(SAND AND SILT)	Rec. = 1.6' Moist/Wet GC = ND	
10	S-6	2 10 43 16	SM/GM		RdBr mf(+) S, tr Cy\$, l(+) mf G; v. stiff to hd (SM/GM).	Rec. = 1.4' Moist/Wet GC = ND	
—	S-7	16 23 18 16	SP/GP		RdBr mf S, l mf G; occ rk frag; dense (SP/GP).	Rec. = 1.2' Moist GC = ND	
15	S-8	11 15 18 20	GP/SP		Br rk, s(-) cmf S, l(-) mf G; med dense to dense (GP/SP).	Rec. = 1.1' Moist GC = ND	
—	S-9	12 10 11 12	SM/GM		RdBr f S, tr Cy\$, s(-) mf G; med dense (SM/GM).	Rec. = 0.8' Moist GC = ND	
20	S-10	16 10 11 15	SP/GP		Br mf S, l(-) mf G; freq rk pieces; med dense (SP/GP).		
					(SAND AND GRAVEL)		

RUST E&I				Test Boring Log		Boring No. DW-SB-06
Albany, NY (518) 458-1313						
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
20	S-11	13	SM/GM		RdBr f S, s(-) \$, s(+) mf G; occ rk pieces; v. stiff (SM/GM).	Rec. = 1.7' Moist/Wet GC = 13.6 J ppb (1,1-DCE1,1,1-TCA)
		16				
		16				
		12				
22	S-12	15	SM/GM		RdBr f S, tr \$, s mf(+) G; occ rk pieces; v. stiff (SM/GM).	Rec. = 1.6' Moist/Wet GC = 6.2 J ppb (1,1-DCE1,1,1-TCA)
		14				
		16				
		16				
24	S-13	13	SM/GM		RdBr mf(+) S, l \$, s(+) f G; freq rk pieces; hard (SM/GM).	Rec. = 1.1' Moist GC = ND
		18				
		31				
		35				
26	S-14	30	SM/GM		RdBr f S, l(-) \$, s(-) f G; v. freq rk pieces; hd (SM/GM)	Rec. = 0.9' Moist GC = 13.3 ppb (TCE)
		65				
		50/0.4'				
28	S-15*	50/0.4'	SM/GM			(SAND AND GRAVEL) 28.4'
					End of Boring at 28.4'	GC = Gas Chromatograph ND = Non Detected
					Boring subsequently abandoned using approved cement-bentonite grout mixture.	Sample S-15 (28.0'-28.4') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis.
						Analyzed for: * EPA Method 8021
						See Appendix K for raw analytical data/results concerning these samples.

B.4

Suspected Disposal Area

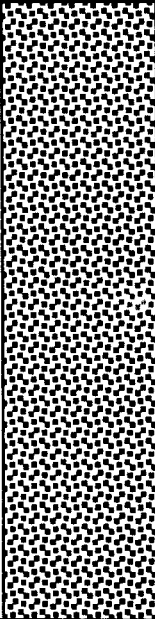
RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. SDA-SB-01
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Suspected Disposal Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/13/95
GROUNDWATER DEPTH: 5.0'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/13/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for highest VOC concentrations		Driller: Rick Navatka
DATE OF MEAS.: 12/13/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	10	FILL		Br mf S, s \$, a(-) mf G; cndrs; slg; freq rk frag (FILL).	Rec. = 0.8' Dry GC = ND
		18				
		8				
		8				
	S-2	10	FILL		Br to BrBl mf S, l(-) Cy\$, l mf G; freq rk frag; asphalt; cndrs; stnd; glass chps (FILL).	Rec. = 0.4' Moist GC = 8.5 J ppb (1,1-DCE1,1,1-TCA)
		25				
		5				
		21				
5	S-3*	12	FILL		Piece of ceramic insulator; wd; coil; stnd BrBl mf(+)S, s \$ (FILL).	Rec. = 0.5' Moist/Wet GC = 23.6 J ppb (1,1-DCE1,1,1-TCA)
		4				
		6				
		6				
	S-4	12	FILL		<< No sample recovered due to obstruction outside augers; wd & cbl noted >> (~FILL). (FILL)	Rec. = 0.0' Wet GC = NT
		14				
		5				
		8				
	S-5	1	ML/OL		BrO mf S, l Cy\$; occ peat; sft; loose; spongy; last 0.2' v. loose mc S seam (ML/OL). (ORGANIC)	Rec. = 1.85' Moist GC = ND
		1				
		3				
		3				
10	S-6	WOR	SM		Br LtBr cm(+)f S, tr f G; loose to v. loose (SM).	Rec. = 1.7' Wet GC = 9.3 ppb (TCE)
		1				
		2				
		3				
	S-7**	3	ML/SM		RdBr \$, l(+) f S; occ vvd; stiff (ML/SM).	Rec. = 1.2' Moist GC = 74.1 ppb (TCE)
		6				
		7				
		10				
15	S-8	3	SM/ML		Br RdBr mf(+) S, l \$; loose to med dense (SM/ML).	Rec. = 1.8' Wet GC = 38.3 ppb (TCE)
		4				
		6				
		6				
	S-9	2	SM/ML		RdBr mf(+) S, s(-) Cy\$; soft to medium stiff (SM/ML).	Rec. = 1.2' Wet GC = 61.7 ppb (TCE)
		4				
		3				
		5				
	S-10	8	SM/ML		RdBr mf(+) S, s(-) Cy\$, tr(+) mf G; occ rk piece; stiff to hd (SM/ML). (SAND AND SILT)	Rec. = 1.5' Moist GC = ND
		8				
		9				
20		25				

RUST E&I				Test Boring Log		Boring No. SDA-SB-01					
Albany, NY (518) 458-1313											
PROJECT: West Nyack Site						Sheet 2 of 2					
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300					
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks					
20	S-11	10	SM		Br to med Br mf(+) S, l(+) mf G; dense (SM).	Rec. = 1.7' Moist GC = ND					
		35									
		29									
		30									
22	S-12	6	SM/SW			Br mf S, l(+) mf(+) G; med dense to v. dense (SM/SW).	Rec. = 0.6' Moist GC = 16.2 ppb (TCE)				
		12									
		50									
		50/0.4'									
24	S-13	40	SM/SW				Br mf S, a(-) mf G; v. dense to med dense (SM/SW).	Rec. = 0.75' Moist GC = ND			
		19									
		14									
		14									
26	S-14	16	SM/SW					Br mf S, s(-) mf G; occ to freq rk frag; dense to v. dense (SM/SW).	Rec. = 0.8' Moist GC = 7.2 ppb (TCE)		
		30									
		16									
		27									
28	S-15	12	SM/SW					RdBr to Br mf S, l(+) mf G; occ to freq rk frag; dense to v. dense (SM/SW).	Rec. = 1.8' Wet GC = 14.0 ppb (TCE)		
		22									
		32									
		28									
30	S-16	16	SM/SW					(SAND AND GRAVEL) 30.9'	Rec. = 0.7' Wet GC = 17.7 ppb (TCE)		
		50/0.4'									
									End of Boring at 30.9'		
									Boring subsequently abandoned using approved cement-bentonite grout mixture:	GC = Gas Chromatograph ND = Non Detected WOR = Weight of Rods NT = Not Tested Sample S-3 (4.0'-6.0') and S-7 (12.0'-14.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * PCBs only (SW-846 Method 8080) ** Method 8240 with library search. See Appendix K for raw analytical data/results concerning these samples.	

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. SDA-SB-02
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev.
PURPOSE: Environmental Monitoring - Suspected Disposal Area					Ground Elev.
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 12/12/95
GROUNDWATER DEPTH: 4.0'	DIAM.	2" O.D.		3 1/4" I.D.	Date Finished: 12/12/95
MEAS. PT.: Ground Surface	WEIGHT	140#	GC results are for highest VOC concentrations		Driller: Rick Navatka
DATE OF MEAS.: 12/12/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0	S-1	12	FILL		Asphalt; rock (road stone). 0.7'	Rec. = 1.35' Moist GC = ND
		13			(FILL)	
		7			Br cmf S, s mf G; freq bk; med dense (FILL).	
		9			(FILL) 2.3'	
	S-2	5	FILL (SM/ML)		Br to DkBrGr mf S, s \$, tr mf G; occ rk piece (SM/ML).	Rec. = 1.1' Moist/Wet GC = ND
		4				
		7				
		4				
5	S-3	1	FILL (SM/ML)		Br mf S, s(+) Cy\$, tr f G; sft (SM/ML).	Rec. = 1.4' Wet GC = ND
		1				
		2				
	S-4	1	ML/OL		(FILL) 7.4'	Rec. = 1.8' Wet GC = ND
		1				
		1				
		1				
	S-5	1	ML/OL		BrO \$, l f S; occ rts/wd frag; freq peat; v. soft (ML/OL).	Rec. = 1.5' Wet GC = ND
		WOH				
		1				
10	S-6	WOH	ML		BrO \$, l(+) f S; occ rts; freq to occ peat; v. sft to sft; occ alternating v. thin m Sand seams (ML).	Rec. = 1.6' Wet GC = ND
		1				
		2				
	S-7*	2	ML/SM		RdBr \$, s(-) f S; loose to med dense (ML/SM).	Rec. = 1.6' Moist/Wet GC = 44.5 ppb (TCE)
		3				
		5				
		5				
15	S-8	4	SM/ML		RdBr f S, a(+) \$; stiff (SM/ML).	Rec. = 0.8' Moist GC = 28.2 ppb (TCE)
		5				
		6				
		16				
	S-9	12	SM/ML		(SAND AND SILT) 17.0'	Rec. = 1.05' Wet GC = 5.7 ppb (TCE)
		9				
		9				
	S-10	17	SM/SW		Br to RdBr mf S, s(-) \$, l(-) mf G; med dense (SM/SW).	Rec. = 1.8' Wet GC = 5.0 ppb (TCE)
		27				
		16				
		21				
20		23				

RUST E&I				Test Boring Log		Boring No. SDA-SB-02	
Albany, NY (518) 458-1313							
PROJECT: West Nyack Site						Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classification	Visual Log Description	Geologic Description	Remarks	
20	S-11	11	SM/SW		RdBr mf S, s mf G; occ rk pieces; med dense to dense (SM/SW).	Rec. = 1.0' Moist GC = ND	
		11					
		16					
		19					
22	S-12	25	SM/GM		RdBr to Br cmf S, s mf G; freq rk pieces; dense (SM/GM).	Rec. = 0.8' Moist GC = 5.4 ppb (TCE)	
		10					
		19					
		27					
24	S-13	46	SP/GP		Br cmf S, l mf G; freq rk pieces; v. dense (SP/GP).	Rec. = 1.2' Moist GC = ND	
		22					
		26					
		25					
26	S-14	46	SP/GP		Br cmf S, tr(+) mf G; freq rk frag; v. dense (SP/GP).	Rec. = 0.9' Moist GC = 16.6 ppb (TCE)	
		36					
		20					
		20					
28	S-15	37	SP/GP	Br mf S, tr f G; v. freq rk pieces; v. dense (SP/GP).	Rec. = 0.8' Moist GC = 17.7 ppb (TCE)		
		50/0.3'					
30	S-16	30	GM/SM	Br cmf S, tr \$, s mf G; freq rk pieces; v. dense (GM/SM). (SAND AND GRAVEL) 31.4'	Rec. = 1.2' Moist GC = 13.5 ppb (TCE)		
		41					
		50/0.4'					
					End of Boring at 31.4'		
					Boring subsequently grouted using approved cement-bentonite grout mixture.		
					GC = Gas Chromatograph ND = Non Detected WOH = Weight of Hammer Sample S-7 (12.0'-14.0') submitted to NYTEST Environmental, Inc. for subsequent laboratory analysis. Analyzed for: * - EPA Method SW-846 8240 (with library search). - PCBs by SW-846 Method 8080. See Appendix K for raw analytical data/results concerning these samples.		

B.5

Overburden Monitoring Well

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. MW-8S	
PROJECT: West Nyack Site					Sheet 1 of 1	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev. 62.49'	
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev. 62.91'	
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL	
DRILL RIG TYPE: CME-55	TYPE	SS		HSA	Date Started: 11/13/95	
GROUNDWATER DEPTH: 2.85'	DIAM.	2" O.D.		4 1/4" I.D.	Date Finished: 11/13/95	
MEAS. PT.: Top of PVC	WEIGHT	140#			Driller: Brian Waters	
DATE OF MEAS.: 11/20/95	FALL	30"			Inspector: M.A. Williams	

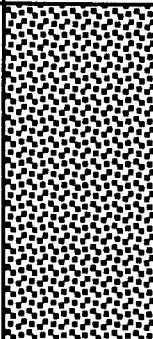
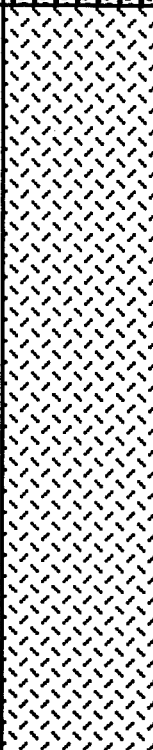
Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0						
5	S-1	1	SM/ML		GrBr mf(+) S, a(-) Cy\$; tr wd; soft to stiff (SM/ML).	Rec. = 1.7' Moist/Wet
		2				
		4				
		6				
10	S-2	3	ML/SM		RdBr Cy\$, l cmf S, l(-) mf G; stiff (ML/SM).	Rec. = 1.6' Moist
		6				
		9				
		14				
15					(SAND AND SILT) 15.5'	Shallow overburden monitoring well MW-8S was installed on 11/13/95.
					End of Boring at 15.5'	Well construction details are as follows:
					* Borehole converted into shallow overburden monitoring well.	10-Slot Screen: 5-15' BGS
					** See monitoring well construction form MW-8S for additional detail.	Sand Pack: 4-15.5' BGS
						Bentonite Seal: 2-4' BGS
						Concrete Apron: 0-2' BGS
						BGS=Below Ground Surface

B.6

Bedrock Interface Monitoring Wells

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. MW-5B
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev. 68.58'
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev. 68.78'
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS	HX	HSA	Date Started: 11/15/95
GROUNDWATER DEPTH: 8.65'	DIAM.	2" O.D.	3 7.8" O.D.	4 1/4" I.D.	Date Finished: 11/16/95
MEAS. PT.: Top of PVC	WEIGHT	140#			Driller: Brian Waters
DATE OF MEAS.: 12/6/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS
0			FILL		Asphalt; s(-) mf G; angular. (FILL) 0.6'	
					(~FILL) ~2.5'	
5	S-1	2 3 11 6	SM		Br to RdBr cmf(+) S, s Cy\$, l f G; med stiff to v. stiff (SM).	Rec. = 1.6' Moist/Wet
10	S-2	12 25 22 23	SM SW/GW		(SAND AND SILT) 10.3' RdBr mf S, l mf G; occ rk piece; dense (SW/GW).	Rec. = 1.3' Wet
15	S-3	16 25 23 31	SW/GW		RdBr mf S, l(+) mf G; occ to freq rk frag; dense (SW/GW).	Rec. = 1.1' Wet
20					(SAND AND GRAVEL) 18.5'	

RUST E&I				Test Boring Log		Boring No. MW-5B
Albany, NY (518) 458-1313						
PROJECT: West Nyack Site						Sheet 2 of 2
CLIENT: Orange and Rockland Utilities, Inc.						Job No. 38301.300
Depth (Feet)	Sample Number	Blow Counts	Unified Classif- ication	Visual Log Description	Geologic Description	Remarks
20	S-4	35	SW/GW		RdBr cmf S, a mf G; occ to freq rk pieces; v. dense (SW/GW).	Rec. = 0.7' Moist/Wet
		50/0.4				
	S-5	25	SW/GW		RdBr cmf S, a(+) m(+)f G; freq rk frag; v. dense (SW/GW).	Rec. = 1.1' Moist
		43				
		50/4				
	S-6	33	GW/SW		RdBr mf G, s mf S; v. freq rk frag (cbls); v. dense (GW/SW).	Rec. = 1.3' Moist
25		41				
		50/0.4				
	S-7	34	SM/SW			RdBr cmf S, l(-) \$, l(+) mf G; v. dense (SM/SW).
		50/2				
	S-8	36	SM/SW	RdBr cmf S, tr(-) \$, s(-) mf G; freq rk pieces; v. dense (SM/SW).		Rec. = 0.6' Moist/Wet
		50/4				
30	S-9	16	SM/SW	Same (SM/SW).		Rec. = 0.8' Moist
		50/5				
	S-10	36	SM/SW	RdBr cmf S, s(-) mf G; v. freq rk pieces; v. dense (SM/SW).		Rec. = 0.6' Moist
		50/2				
35	S-11	27	SM/SW	RdBr cmf(+) S, l(-) \$, s mf G; v. freq rk pieces; v. dense (SM/SW).	Rec. = 0.7' Moist/Wet	
		50/3				
	S-12	34	SM/SW	Same.	Rec. = 0.5' Moist	
		50/3				
	S-13	28	SM/SW	Same.	Rec. = 0.7' Moist	
		50/4				
40	S-14	50/0.1			(GLACIAL TILL) 40.1'	
					(BEDROCK)	
					* Borehole cored using 3 7/8" O.D. HX core Run 1: 40.5' to 45.5' Run 2: 45.5' to 50.5'	Interface monitoring well MW-5B was installed on 11/16/95.
					* See Core Log MW-5B for additional detail (e.g., geologic description, lithology, etc.).	Well construction details are as follows: 10-Slot Screen: 43-50' BGS Sand Pack: 41-50.5' BGS Bentonite Seal: 38-41' BGS Cement-Bentonite Grout: 3-38' BGS Concrete Apron: 0-3' BGS BGS = Below Ground Surface

RUST E&I Albany, NY (518) 458-1313		Test Boring Log			Boring No. MW-9B
PROJECT: West Nyack Site					Sheet 1 of 2
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300
DRILLING CONTRACTOR: Parratt-Wolff, Inc.					Meas. Pt. Elev. 63.43'
PURPOSE: Environmental Monitoring - Former UST Area					Ground Elev. 63.78'
DRILLING METHOD: HSA		SAMPLE	CORE	CASING	Datum: MSL
DRILL RIG TYPE: CME-55	TYPE	SS	HX	HSA	Date Started: 11/14/95
GROUNDWATER DEPTH: 4.10'	DIAM.	2" O.D.	3 7/8" O.D.	4 1/4" I.D.	Date Finished: 11/15/95
MEAS. PT.: Top of PVC	WEIGHT	140#			Driller: Brian Waters
DATE OF MEAS.: 11/20/95	FALL	30"			Inspector: M.A. Williams

Depth (Feet)	Sample Number	Blow Count	Unified Classification	GRAPHIC LOG	GEOLOGIC DESCRIPTION	REMARKS		
0	S-1	6	ML/SM		RdBr Cy\$, l(+) mf S, l(-) mf G; rts; sbrded; stiff to v. stiff (SL/SM).	Rec. = 1.4' Dry		
		8						
		10						
		10						
	S-2	21	ML/SM			RdBr Cy\$, l(-) f S, l(+) mf G; hd (ML/SM).	Rec. = 0.9' Moist	
		14						
		20						
		18						
5	S-3	9	SM/ML				Br mf S, l(+) \$, tr f G; v. stiff to hd (SM/ML).	Rec. = 1.7' Moist/Wet
		15						
		14						
		19						
	S-4	17	SM				Br mf S, l(-) \$, l(-) f G; hd (SM).	Rec. = 1.2' Wet
		27						
		19						
		17						
	S-5	10	SM				(SAND AND SILT) 8.7'	
		14						
		13						
		14						
10	S-6	10	SW/GW				Br cmf S, l mf G; med dense (SW/GW).	Rec. = 1.6' Moist/Wet
		11						
		16						
		13						
	S-7	18	SM/GM				RdBr cmf S, l \$, a mf G; dense to med dense (SM/GM).	Rec. = 1.8' Moist/Wet
		15						
		15						
		13						
15	S-8	6	SM/SW				RdBr cm(+)f S, tr(-) \$, s(-) mf G; occ rk frag; med dense (SM/SW).	Rec. = 1.4' Moist/Wet
		7						
		8						
		12						
	S-9	15	SM/SW				Same; medium dense to dense (SM/SW).	Rec. = 1.5' Moist
		15						
		17						
		15						
	S-10	11	SM/SW				RdBr mf S, tr \$, mf(+) G; freq rk frag; med dense (SM/SW).	Rec. = 1.6' Moist
		12						
		12						
		16						
20							(SAND AND GRAVEL) 18.5'	

RUST E&I Albany, NY (518) 458-1313				Test Boring Log		Boring No. MW-9B
PROJECT: West Nyack Site					Sheet 2 of 2	
CLIENT: Orange and Rockland Utilities, Inc.					Job No. 38301.300	
Depth (Feet)	Sample Number	Blow Counts	Unified Classification	Visual Log Description	Geologic Description	Remarks
20	S-11	19 28 50/1	SM/SW		RdBr cmf S, l \$, l(+) mf G; dense to v. dense (SM/SW).	Rec. = 0.6' Wet
	S-12	26 50/3	SM/SW		Same; v. dense.	Rec. = 0.6' Wet/Moist
		50/3			RdBr rk; rk @ tip of spoon (SM/SW).	Rec. = 0.2' Moist
25	S-13		SM/SW		RdBr mf S, tr(+) mf G; freq rk pieces; v. dense (SM/SW).	Rec. = 0.4' Moist/Wet
	S-14	40 50/0	SM/SW		(SAND AND GRAVEL) 26.5'	
	S-15	50/3			RdBr rk; rk @ tip of spoon.	Rec. = 0.3' Moist/Wet
30	S-16	50/3			RdBr rk; relic bedding noted; v. dense.	Rec. = 0.25' Moist/Wet
	S-17**	50/2	SM/SW		RdBr rk; tr mf S, l mf G; v. dense (SM/SW/GW).	Rec. = 0.15' Moist/Wet
35	S-18**					
	S-19**					
	S-20	50/4			Dk RdBr rk; rk at tip of spoon	Rec. = 0.25' Wet
40	S-21	100/1			(WEATHERED BEDROCK) 40.1'	Rec. = 0.1' Wet
					End of Boring at 40.1'	
					* Borehole converted into weathered bedrock interface monitoring well.	Interface monitoring well MW-9B was installed on 11/15/95.
					** Numerous attempts to core at 32 thru 38' BGS (only 0.7' of core was retained), were unsuccessful due to the presence of highly weathered bedrock fragments.	Well construction details are as follows: 10-Slot Screen: 30-40' BGS Sand Pack: 28-40.1' BGS Bentonite Seal: 25-28' BGS Cement-Bentonite Grout: 3-25' BGS Concrete Apron: 0-3' BGS BGS=Below Ground Surface

APPENDIX C

Test Pit Logs

TEST PIT LOG

RUST ENVIRONMENT & INFRASTRUCTURE

12 METRO PARK ROAD
ALBANY, NEW YORK 12205 (518) 458-1313

DATE STARTED: January 11, 1996 TIME: _____ JOB NO.: 38301.300
 DATE FINISHED: January 11, 1996 TIME: _____ TEST PIT NO.: TP-96-1
 CLIENT: Orange & Rockland Utilities, Inc. SITE: West Nyack Yard
 SURFACE ELEVATION: _____ EXCAVATOR: Miller Environmental Group, Inc.
 DATUM: _____ EQUIPMENT: Track Hoe
 WATER ELEVATION: _____ INSPECTOR: M.A. Williams

DEPTH	GRAPHIC LOG	DESCRIPTION OF SOIL	REMARKS
0		Br to GrBr Cy\$, s cmf S, l mf G; occ to freq rks; dense. (FILL) 1.0'	Orientation: North to South
		Electrical refuse debris noted; s(+) soil; Br to Bl cmf G, a cmf S; occ rks; dense to med dense;	Water Level = 2.5'
		Same.	
5		(ELECTRICAL REFUSE DEBRIS) 6.5'	
		Total depth of Pit = 6.5'	

Notes:

Pit Dimensions (FT)

$$\frac{18'}{(L)} \times \frac{7.5'}{(W)} \times \frac{6.5'}{(D)} = \text{--- CU. FT.}$$

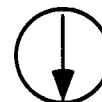
← 18' →



Test Pit Plan

↓ 6.5' ↑

North

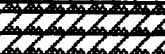
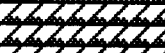
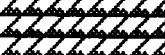
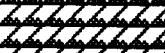
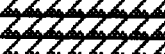
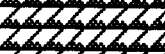
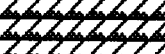
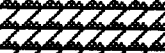


TEST PIT LOG

RUST ENVIRONMENT & INFRASTRUCTURE

12 METRO PARK ROAD
ALBANY, NEW YORK 12205 (518) 458-1313

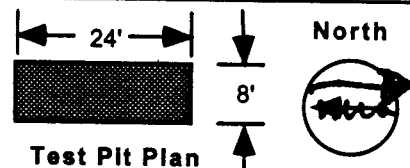
DATE STARTED: January 11, 1996 TIME: _____ JOB NO.: 38301.300
 DATE FINISHED: January 11, 1996 TIME: _____ TEST PIT NO.: TP-96-2
 CLIENT: Orange & Rockland Utilities, Inc. SITE: West Nyack Yard
 SURFACE ELEVATION: _____ EXCAVATOR: Miller Environmental Group, Inc.
 DATUM: _____ EQUIPMENT: Track Hoe
 WATER ELEVATION: _____ INSPECTOR: M.A. Williams

DEPTH	GRAPHIC LOG	DESCRIPTION OF SOIL	REMARKS
0		Br Cy\$, a cmf S, l(-) mf G; occ rk frag.	Orientation: West to East
		----- 1.6'	
		Electrical refuse debris noted; l(+) SOIL; BrBl cmf S, l Cy\$, l(+) cmf G; occ rk; dense; no oil noted.	Water Level = 2.3'
			
			
5		Same.	
			
		Electrical refuse debris [street lights, coil, baling metal, miscellaneous porcelain and metal debris]; a(+) SOIL; Br cmf S, l cmf G; occ rk; occ rts.	
		(ELECTRICAL REFUSE DEBRIS) 7.7'	
		RdBr cmf S, s(-) mf G; occ to freq cbls; no staining noted in soils; med dense. 8.0'	
		(SAND AND GRAVEL)	
		Total Depth of Pit = 8.0'	

Notes:

Pit Dimensions (FT)

$$\frac{24'}{(L)} \times \frac{6.5'}{(W)} \times \frac{8'}{(D)} = \text{--- CU. FT.}$$



TEST PIT LOG

RUST ENVIRONMENT & INFRASTRUCTURE

12 METRO PARK ROAD
ALBANY, NEW YORK 12205 (518) 458-1313

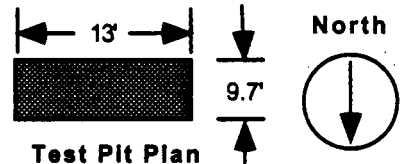
DATE STARTED: January 11, 1996 TIME: _____ JOB NO.: 38301.300
 DATE FINISHED: January 11, 1996 TIME: _____ TEST PIT NO.: TP-96-3
 CLIENT: Orange & Rockland Utilities, Inc. SITE: West Nyack Yard
 SURFACE ELEVATION: _____ EXCAVATOR: Miller Environmental Group, Inc.
 DATUM: _____ EQUIPMENT: Back Hoe
 WATER ELEVATION: _____ INSPECTOR: M.A. Williams

DEPTH	GRAPHIC LOG	DESCRIPTION OF SOIL	REMARKS
0		Br mf S, l Cy\$, s(-) cmf G; occ rks; occ bk; concrete; dense (FILL).	Orientation: North to South
			Frozen 0-3.1'
		Electrical refuse debris noted along central and northern portion of trench [insulators, ceramics, metal wire, etc.]; oil noted along northern wall; s(+) SOIL [BrBl c(+)mf G, tr s cmf S]; loose to medium dense.	Northern wall is located immediately adjacent to UST-SB-24 Electrical Refuse Debris:
			N. 0-5.7'
			C. 0-3.3'
			S. 0-0'
5		(ELECTRICAL REFUSE DEBRIS) 5.7'	Water Level = 4.5'
		RdBr cmf S, l Cy\$, l mf G; occ pbls; no staining noted in soil.	
		RdBr cmf(+) S, s(-) cmf(+) G; occ cbls and pbls; no staining noted.	
		(SAND AND GRAVEL) 9.7'	Noticeable pinching out of electrical refuse debris from north to south.
		Total Depth of Pit = 9.7'	

Notes:

Pit Dimensions (FT)

$$\frac{13'}{(L)} \times \frac{4.5'}{(W)} \times \frac{9.7'}{(D)} = \text{--- CU. FT.}$$



APPENDIX D

Monitoring Well Network Inspection

MONITORING WELL INSPECTION SUMMARY

RUST ENVIRONMENT & INFRASTRUCTURE

Daily Field Report

Project No.: 38301.300

Report No.: 1

Date: 11/13/95 1/11/96

Page: 1 of 1

	TOTAL DEPTH (ft. BMP)	COMMENTS
MW-1	10.15	Pressure cap was ripped partially off, concrete collar in poor condition
MW-2	NA 9.45	COULD NOT BE LOCATED WELL ORIGINALLY BURIED BY FILL NEEDS NEW LOCK, PRESSURE CAPS, FLUSH MOUNT BOX; MINOR INFILLING
MW-3	NA 11.81	COULD NOT BE LOCATED Do.
MW-4	NA 11.43	COULD NOT BE LOCATED NEEDS NEW LOCK & PRESSURE CAP
MW-5	15.10	SMALL WATER-WELL TYPE FLUSH-MOUNT BOX, NO CONCRETE COLLAR
MW-6	30.72	NEEDS NEW LOCK & PRESSURE CAPS
MW-7	37.61	" "
MW-8	30.55	CLEANED AND REPAIRED FLUSH MOUNT BOX
EXW-1	9.42	WELL ORIGINALLY BURIED BY FILL JAGGED (FRAGILE) TOP TO 3" ID PVC PROTECTIVE CASING
EXW-4	13.40	3" I.D. Above-ground CASING, NOT LOCKED
EXW-5	8.50	" " "

- A NEW MP NOTCH WAS MADE AT THE TOP OF PVC WITH A PERMANENT MARKER

Signature _____

APPENDIX E
Well Construction Logs

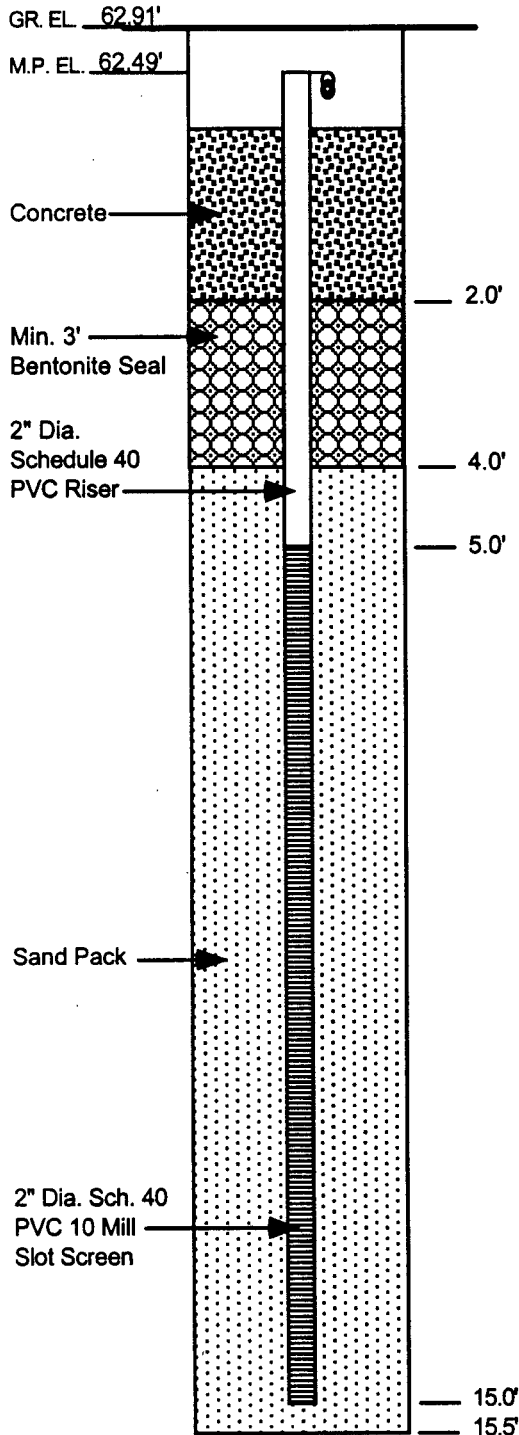
MONITORING WELL COMPLETION LOG WELL NO. MW-8S

Rust Environment & Infrastructure

12 Metro Park Road
Albany, NY 12205
(518) 458-1313

Project West Nyack Site
Client Orange and Rockland Utilities, Inc.
Location West Nyack, New York
Project No. 38301.300
Date Drilled 11/13/95
Date Developed 12/6/95

WELL CONSTRUCTION DETAIL



NOT TO SCALE

INSPECTION NOTES

Inspector M.A. Williams
Drilling Contractor Parratt-Wolff, Inc.

Type of Well Groundwater Monitoring
Static Water Level 2.85' Date 11/20/95
Measuring Point (M.P.) Top of PVC
Total Depth of Well 15.0'
Total Depth of Boring 15.5'

Drilling Method

Type Hollow Stem Auger / HX Core Diameter 4 1/4" I.D.
Casing Steel

Sampling Method

Type Split-Spoon Diameter 2" O.D.
Weight 140# Fall 30"
Interval 5-7' & 10-12'

Riser Pipe Left in Place

Material Sch 40 PVC Diameter 2" I.D.
Length 4.7' Joint Type Flush, Threaded

Screen

Material Sch 40 PVC Diameter 2" I.D.
Slot Size 0.01" Length 10.0'
Stratigraphic Unit Screened Sand and Silt

Sand Pack

Sand X Gravel Natural
Grade Morie 0
Amount 8 Bags Interval 4.0' - 15.5'

Seal(s)

Type Bentonite Interval 2.0' - 4.0'
Type Concrete Interval 0.0 - 2.0'
Type Interval

Locking Casing ☒ Yes ☐ No

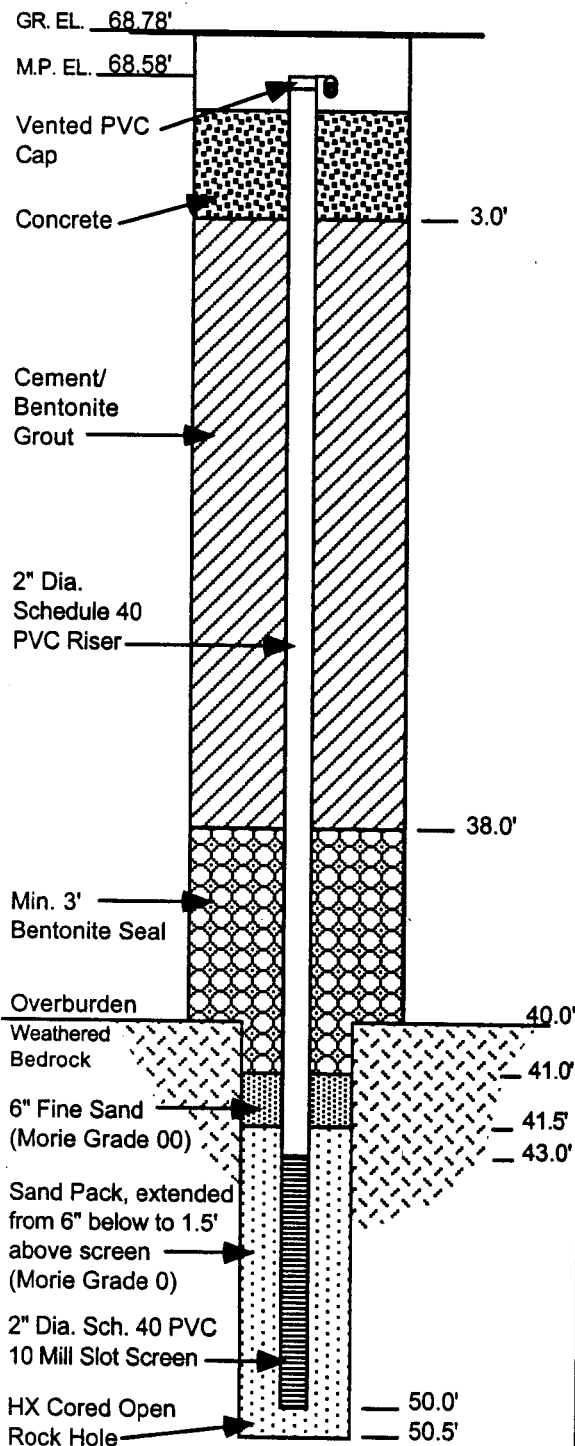
Notes:

MONITORING WELL COMPLETION LOG WELL NO. MW-5B

Rust Environment & Infrastructure
12 Metro Park Road
Albany, NY 12205
(518) 458-1313

Project West Nyack Site
Client Orange and Rockland Utilities, Inc.
Location West Nyack, New York
Project No. 38301.300
Date Drilled 11/15/95, 11/16/95
Date Developed 12/6/95

WELL CONSTRUCTION DETAIL



NOT TO SCALE

INSPECTION NOTES

Inspector M.A. Williams
Drilling Contractor Parratt-Wolff, Inc.

Type of Well Groundwater Monitoring
Static Water Level 8.65' Date 12/6/95
Measuring Point (M.P.) Top of PVC
Total Depth of Well 50.0'
Total Depth of Boring 50.5'

Drilling Method
Type Hollow Stem Auger / HX Core Diameter 4 1/4" I.D. / 4"
Casing Steel

Sampling Method
Type Split Spoon Diameter 2" O.D.
Weight 140# Fall 30"
Interval 0 - 40'

Riser Pipe Left in Place
Material Sch 40 PVC Diameter 2" I.D.
Length 43.0' Joint Type Flush, Threaded

Screen
Material Sch 40 PVC Diameter 2" I.D.
Slot Size 0.01" Length 7.0'
Stratigraphic Unit Screened Weathered Bedrock Interface

Sand Pack
Sand X Gravel Natural
Grade Morie 0 / Morie 00
Amount Morie 0: 8 Bags Interval 41.5' - 50.5'
Morie 00: 3/4 Bag 41.0' - 41.5'

Seal(s)
Type Bentonite Interval 38-41'
Type Cement-Bentonite Interval 3-38'
Type Concrete Interval 0-3'

Locking Casing ☒ Yes ☐ No

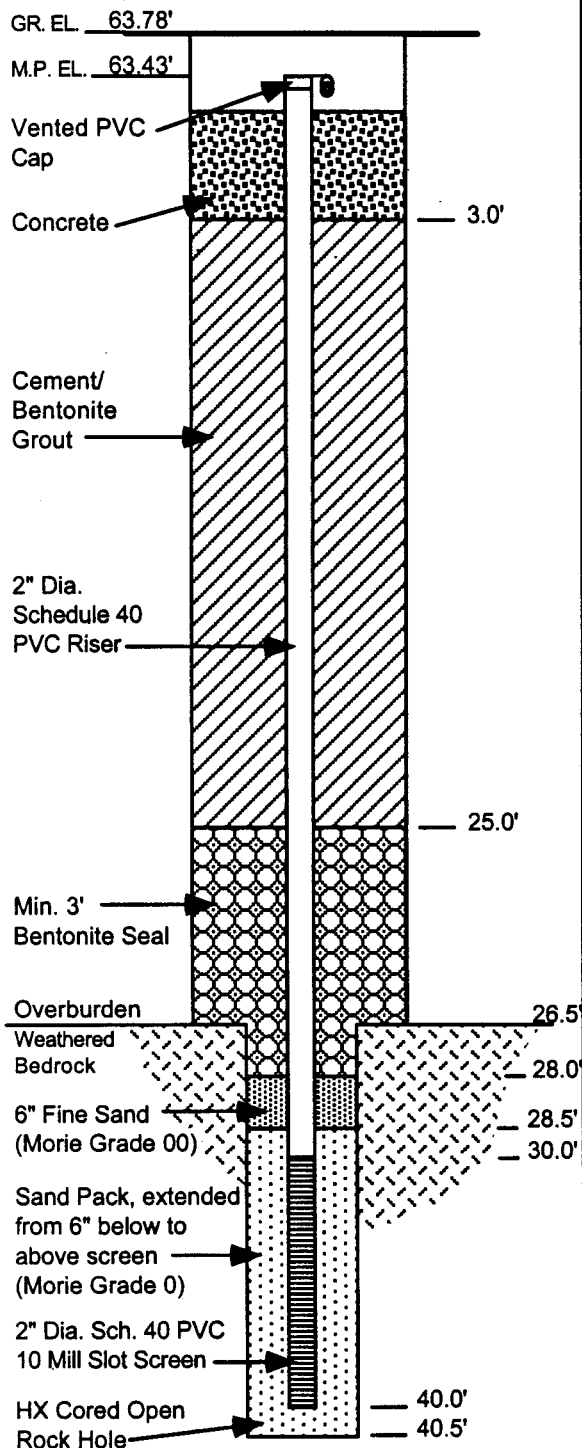
Notes:

MONITORING WELL COMPLETION LOG WELL NO. MW-9B

Rust Environment & Infrastructure
12 Metro Park Road
Albany, NY 12205
(518) 458-1313

Project West Nyack Site
Client Orange and Rockland Utilities, Inc.
Location West Nyack, New York
Project No. 38301.300
Date Drilled 11/15/95
Date Developed 12/6/95 & 12/7/95

WELL CONSTRUCTION DETAIL



NOT TO SCALE

INSPECTION NOTES

Inspector M.A. Williams
Drilling Contractor Parratt-Wolff, Inc.

Type of Well Groundwater Monitoring
Static Water Level 4.10' Date 11/20/95
Measuring Point (M.P.) Top of PVC
Total Depth of Well 40.0'
Total Depth of Boring 40.5'

Drilling Method

Type Hollow Stem Auger / HX Core Diameter 4 1/4" I.D. / 4"
Casing Steel

Sampling Method

Type Split Spoon Diameter 2" O.D.
Weight 140# Fall 30"
Interval 0 - 26.5'

Riser Pipe Left in Place

Material Sch 40 PVC Diameter 2" I.D.
Length 29.7' Joint Type Flush. Threaded

Screen

Material Sch 40 PVC Diameter 2" I.D.
Slot Size 0.01" Length 10.0'
Stratigraphic Unit Screened Weathered Bedrock Interface

Sand Pack

Sand X Gravel Natural
Grade Morie 0 / Morie 00
Amount Morie 0: 8 Bags Interval 28.5' - 40.5'
Morie 00: 1 Bag 28.0' - 28.5'

Seal(s)

Type Bentonite Interval 25-28'
Type Cement-Bentonite Interval 3-25'
Type Concrete Interval 0-3'

Locking Casing ☒ Yes ☐ No

Notes:

APPENDIX F

Core Log

Rust Environment & Infrastructure

12 Metro Park Road

Albany, New York 12205

Project: West Nyack Site

Client: Orange and Rockland Utilities, Inc.

Purpose: Groundwater Monitoring Well Installation

Location:

Drilling Contractor: Parratt-Wolff, Inc.

Driller: Brian Waters

Geologist: M.A. Williams

Length of Casing:

Hole Location:

Casing Size:

Core Size: 4"

Inclination/Bearing:

Lithologic Description

(include in order: ROCK TYPE, color, grain size, texture, bedding, fracture & minerals,

Red brown to medium gray siltstone, occasional fine sandstone, minor mudstone; occasional calcite in-filled.

RQD = Very low
Less than 10%

Red brown to medium gray siltstone, occasional fine sandstone; occasional calcite in-filled.

RQD = Very low
Less than 10%

BRUNSWICK

Job No.: 38301.300

Hole No.: MW-5B

Sheet 1 of 1

Date Finished: 11/15/95

Total Depth:

Collar Elev.:

S.W.L.:

Bedding Angle	Percent Recovery

Percent Recovery

APPENDIX G

Well Development Logs

Development

RUST ENVIRONMENT & INFRASTRUCTURE

Field Data Information Log for Ground Water Sampling

Page of

Date (y/m/d) 12/6/95
Field Personnel KEVIN SEATON
Site Name ORU - WEST NPAK
RUST Environment & Infrastructure Job #
Well ID # EXW-5

Weather Conditions CLOUDY
Air Temperature 30'S °C
Total Well Depth (TWD) = 248.25 8.60 1/100 R
Depth to Ground Water (DGW) = 5.90 1/100 R
Length of Water Column (LWC) = 2.35 1/100 R
1 Casing Volume (OCV) = LWC x 36.7 = 75.86 gal
2 Casing Volume = 75.86 gal = Standard Evacuation Volume
Method of Well Evacuation WATER
Method of Sample Collection
Total Volume of Water Removed gal

Casing Diameter 3" inches
Casing Material PVC
Measuring Point Elevation Top of PVC 1/100 R
Height of Floor (above land surface) 1/100 R
Land Surface Elevation 1/100 R
Screened Interval 1/100 R
Dedicated Pump or Bailer YES NO Type
Steel Guard Pipe Around Casing YES NO
Locking Cap YES NO
Protective Post/Abutment YES NO
Well Integrity Satisfactory YES NO
Well Yield LOW MODERATE HIGH
Remarks

FIELD ANALYSES

VOLUME PURGED (gallons)	10	2.5	5.0	7.0	9.0
TIME (minutes)	1430	1435	1501	1535	1600
pH (S.U.)	7.43	7.41	7.43	7.51	7.38
En (mV)	-31.3	-38.3	-39.5	-48.7	-34.3
Sp. Cond. (Microhm/cm)	314	391	393	394	389
Water Temp. (°C)	11.2	11.2	10.3	10.4	10.6
TURBIDITY (subjective) *	810	521	378	433	160

* (1) Clear (2) Slight (3) Moderate (4) High
1/2 gallon removed. SWANLACK came through screen keeping water clear.
COMMENTS/OBSERVATIONS: LEAKING WATER RACE INTO WELL. WHEN NOTICED ON WATER LEAKS FOR 200R
HAVE DETERMINED THAT PROBLEMS INDICATE THAT THE WELL DEPTH IS 80' FROM TOP OF PVC TO BOTTOM OF WELL F.T.D. 8.65

Field Data Information Log for Ground Water Sampling

Page of

Date (primary) 12/6/95
 Field Personnel KEVIN SLATER
 Site Name ORD - WEST NARACK
 RUST Environment & Infrastructure Job #
 Well ID # MW-5B
 _____ Upgradient _____ Downgradient
 Weather Conditions Sunny 30's
 Air Temperature 30°F _____ °C
 Total Well Depth (TWD) = 49.63 _____ 1/100 R
 Depth to Ground Water (DGW) = 8.65 _____ 1/100 R
 Length of Water Column (LWC) = 40.98 _____ 1/100 R
 1 Casing Volume (OCV) = LWC x .163 = 6.5 _____ gal
 3 Casing Volumes = 65.0 _____ gal = Standard Evacuation Volume
 Method of Well Evacuation WATERLOG
 Method of Sample Collection _____
 Total Volume of Water Removed 65.0 _____ gal

Casing Diameter 3" _____ Inches
 Casing Material PVC
 Measuring Point Elevation TOP OF PVC _____ 1/100 R
 Height of Floor (above land surface) FLOOR WENT _____ 1/100 R
 Land Surface Elevation _____ 1/100 R
 Screened Interval _____ 1/100 R
 Dedicated Pump or Bailer YES ☒ NO _____ Type _____
 Steel Guard Pipe Around Casing YES ☒ NO _____
 Locking Cap YES ☒ NO _____
 Protective Post/Abutment YES ☒ NO _____
 Well Integrity Satisfactory YES ☒ NO _____
 Well Yield LOW _____ MODERATE _____ HIGH _____
 Remarks _____

	1	2	3	4	5	FIELD ANALYSES	7	8	9	10
VOLUME PURGED (gallons)	6.5	13.0	19.5	26.0	32.5	39.0	45.5	52.0	58.5	65.0
TIME (military)	0850	0856	0905	0916	0922	0930	0939	0944	1003	1012
pH (S.U.)	7.50	7.40	7.36	7.45	7.41	7.35	7.34	7.39	7.36	7.29
Eh (mV)	319	359	358	356	358	359	357	355	340	358
Sp. Cond. (µmhos/cm)	12.3	12.1	12.0	12.0	11.9	11.8	11.7	11.7	11.5	11.5
Water Temp. (°C)	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
TURBIDITY (subjective) *	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00

* (1) Clear (2) Slight (3) Moderate (4) High

COMMENTS/OBSERVATIONS: RED SILTY WATER VERY TURBID COLOR

Casing Diameter 2" _____ Inches
Casing Material PVC _____
Measuring Point Elevation Top of PVC _____ 1/100 ft
Height of Rise (above land surface) _____ 1/100 ft
Land Surface Elevation _____ 1/100 ft
Screened Interval _____ 1/100 ft
Dedicated Pump or Bailer YES ☐ NO ☐ Type _____
Steel Guard Pipe Around Casing YES ☐ NO ☐
Locking Cap YES ☐ NO ☐
Protective Post/Abutment YES ☐ NO ☐
Well Integrity Satisfactory YES ☐ NO ☐
Well Yield LOW ☐ MODERATE ☐ HIGH ☐
Remarks _____

• (1) Clear (2) Slight (3) Moderate (4) High

COMMENTS/OBSERVATIONS:

Field Data Information Log for Ground Water Sampling

Page of

Date (YYYYMMDD) 12/6/95

Field Personnel KEVIN SCARTER

Site Name ORU - WEST NARR

RUST Environment & Infrastructure Job #

Well ID # MAW-9B

____ Upgradient ____ Downgradient

Weather Conditions CLOUDY

Air Temperature 30.3° F

Total Well Depth (TWD) = 37.25 1/100 R

Depth to Ground Water (DGW) = 4.05 1/100 R

Length of Water Column (LWC) = TWD - DGW = 33.20 1/100 R

1 Casing Volume (OCV) = LWC x 1.63 = 54 gal

10 Casing Volume = 540 gal = Standard Evacuation Volume

Method of Well Evacuation WATER

Method of Sample Collection

Total Volume of Water Removed gal

Casing Diameter 2" Inches

Casing Material PVC

Measuring Point Elevation Top of PVC 1/100 R

Height of Riser (above land surface) FLUSH MOUNT 1/100 R

Land Surface Elevation 1/100 R

Screened Interval 1/100 R

Dedicated Pump or Bailer YES NO Type

Steel Guard Pipe Around Casing YES NO

Locking Cap YES NO

Protective Post/Abutment YES NO

Well Integrity Satisfactory YES NO

Well Yield LOW MODERATE HIGH

Remarks

	FIELD ANALYSES										
	1	2	3	4	5	6	7	8	9	10	11
VOLUME PURGED (gallons)	5.4	10.9	16.2	21.6	27.2	32.4	37.8	44.2	49.6	54.0	59.4
TIME (minutes)	1340	1445	1535	1545	1553	1600	1650	1700	1705	1725	1738
pH (S.U.)	7.48	7.46	7.40	7.33	7.21	7.18	7.12	7.08	7.03	6.96	6.84
Eh (mV)	1475	-7.3	103.3	84.0	67.7	52.7	62.5	164.7	155.5	62.5	21.5
Sp. Cond. (Microhm/cm)	470	427	426	1020	1010	514	532	507	521	540	543
Water Temp. (°C)	12.0	12.8	12.6	12.7	12.9	13.4	13.2	13.6	13.6	13.6	14.2
TURBIDITY (subjective) *	947	377	901	850	1000	1000	1000	1000	1000	1000	1000

* (1) Clear (2) Slight (3) Moderate (4) High

COMMENTS/OBSERVATIONS: DRILL HOLE TOP TO BOTTOM 12/6/95 1500 START VOLUME 7 12/7/95 1500 END VOLUME 34.45

PROJECT: <u>ORU - WEST NYACK</u>	JOB NUMBER <u> </u>
LOCATION: <u>WEST NYACK NY</u>	DATE <u>12/6-7/95</u>
CLIENT: <u>ORU</u>	MEASURED BY <u>KAS</u>
SURVEY DATUM: <u> </u>	
MEASURING DEVICE: <u>WATER LEVEL METER</u>	

[illegible]

ORU

12/5/95

0735

ON SITE. SURVEY 20'S

CHECK IN. FLEEN FRIGIDE

NOT IN

0855 CALIBRATION OF HORIZA WATER

QUALITY METER

PH ZERO CAL W/10.0 BUFFER

READ 7.05 @ 16.5°C

SPAN CAL W/10.0 BUFFER - READ

10.04 @ 16.4°C

COND ZERO CAL SET TO 0.0 mskm

SPAN CAL W/6.7 mskm STANDARD

READ 6.51 @ 16.3°C

TURB ZERO CAL W/DI WATER

READ 1 NTU

SPAN CAL W/800 NTU BUFFER

READ 781 @ 16.4°C

REFER TO WATER TEMPL +

SAMPLE LOGS FOR WEAL INFO

1535 OFF SITE

ORU - WEST NYACK 12/6/95

ON SITE 0715 WALK SITE WITH

M. WILLIAMS.

0800 CALIBRATION OF HORIZA WATER

QUALITY METER.

PH ZERO CAL W/10.0 BUFFER

READ 7.11 @ 15.1°C

SPAN CAL W/10.0 BUFFER

READ 10.0 @ 15.0°C

COND ZERO CAL SET TO 0.0 mskm

SPAN CAL W/6.7 mskm 1-10 RANGE

READ 6.71 mskm @ 15.4

TURB ZERO CAL W/DI WATER READ 0 NTU

SPAN CAL W/800 NTU BUFFER

MW-5B WL 8.65 TD 49.63

REFER TO PERCE/SAMPLING FOR

WELL DEVELOPMENT INFO

12/17/95 ORV - WEST NYACK.
 1045 ARRIVE WEST NYACK SITE
 SETTING UP TO CONTINUE
 WELL DEVELOPMENT ON MW-9B
 AND EMX-5
 HARRIS CALIBRATED 0730
 WILL DO AUTO CAL TO ENSURE
 UNIT STILL IN CALIBRATION
 AUTO CAL W/4.0 BUFFER
 COMPLETE - 4.0 BUFFER AUTO CAL
 READ 3.81 @ 11.9°C
 CONTINUE WITH MW-9B PICK UP
 AT Volume 7, 5.46 Hz PER Volume
 REFER TO FIELD DATA SHEETS FOR
 INFORMATION.

1213 MW-9B LOWEST DRY, ~~AF~~ ~~APRIL~~
 TAKING 1744P PARAMETERS, TOOK
 WL. WL WAS 25.0' SET
 WL METER TO 15.0' 2 MINUTES
 TO RECOVER 10'

APPENDIX H

Groundwater Sampling Logs

Field Data Information Log for Ground Water Sampling

Page of

Date (y/m/d) 12/26/95
 Field Personnel KAS, MAW
 Site Name CRU - WEST NYACK
 RUST Environment & Infrastructure Job # 38301300
 Well ID # MW-1
 _____ Upgradient _____ Downgradient ☒ CROSS GRADIENT
 Weather Conditions CLOUDY, WINDY
 Air Temperature 20's °C
 Total Well Depth (TWD) = 10.15 1/100 ft
 Depth to Ground Water (DGW) = 3.54 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 6.61 1/100 ft
 1 Casing Volume (OCV) = LWC x 1.63 = 1.08 gal
 3 Casing Volumes = 3.24 gal = Standard Evacuation Volume
 Method of Well Evacuation 3 PVC BAILER
 Method of Sample Collection PVC BAILER
 Total Volume of Water Removed 3.54 gal WENT DRY ☒ gal

Casing Diameter 2" Inches
 Casing Material PVC
 Measuring Point Elevation TOP OF PVC 1/100 ft
 Height of Riser (above land surface) FLUSH MOUNT 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval _____ 1/100 ft
 Dedicated Pump or Bailer YES ☒ NO _____ Type _____
 Steel Guard Pipe Around Casing YES ☒ NO _____
 Locking Cap YES ☒ NO _____
 Protective Post/Abutment YES ☒ NO _____
 Well Integrity Satisfactory YES ☒ NO _____
 Well Yield LOW _____ MODERATE ☒ HIGH _____
 Remarks WELL HAS BEEN HIT BY SNOW FLOW
NEEDS TO HAVE STEEL CASING + FLUSH MOUNT CAP
REPLACED 1805 TOWELL RECOVERED QUICKLY
SAMPLED

FIELD ANALYSES

VOLUME PURGED (gallons)	3.0				
TIME (military)	1805				
pH (S.U.)	7.00				
Eh (mV)					
Sp. Cond. (µmhos/cm)	705				
Water Temp. (°C)	7.2				
TURBIDITY (subjective) *	↑ 1000				

* (1) Clear (2) Slight (3) Moderate (4) High

COMMENTS/OBSERVATIONS:

Casing Diameter 2" Inches
Casing Material PVC
Measuring Point Elevation TOP OF PVC 1/100 ft
Height of Floor (above land surface) FLUSH MOUNT 1/100 ft
Land Surface Elevation _____ 1/100 ft
Screened Interval _____ 1/100 ft
Dedicated Pump or Bailer YES ☒ NO ☐ Type _____
Steel Guard Pipe Around Casing YES ☒ NO ☐
Locking Cap YES ☒ NO ☐
Protective Post/Abutment YES ☐ NO ☒
Well Integrity Satisfactory YES ☒ NO ☐
Well Yield LOW ☐ MODERATE ☐ HIGH ☐
Remarks BLVDN, TURBID, NO CIDER
SAMPLED 1735

Ex 403

Field Data Information Log for Ground Water Sampling

Page of

Date (y/m/d) 12/27/95

Field Personnel KAS, MAW

Site Name ORU WEST NYACK

RUST Environment & Infrastructure Job #

Well ID # MW-5B

☒ Upgradient ☐ Downgradient

Weather Conditions PT CLOUD, WINDY

Air Temperature 20's °C

Total Well Depth (TWD) = 49.25 1/100 R

Depth to Ground Water (DGW) = 8.93 1/100 R

Length of Water Column (LWC) = TWD - DGW = 40.32 1/100 R

1 Casing Volume (OCV) = LWC x 1.63 = 6.5 gal

3 Casing Volumes = 19.5 gal = Standard Evacuation Volume

Method of Well Evacuation PVC BAILER

Method of Sample Collection PVC BAILER

Total Volume of Water Removed 20.0 gal

Casing Diameter 2" Inches

Casing Material PVC

Measuring Point Elevation TOP OF PVC 1/100 R

Height of Floor (above land surface) FLUSH MOUNT 1/100 R

Land Surface Elevation 1/100 R

Screened Interval 1/100 R

Dedicated Pump or Bailer YES ☒ NO ☐ Type

Steel Guard Pipe Around Casing YES ☒ NO ☐

Locking Cap YES ☒ NO ☐

Protective Post/Abutment YES ☐ NO ☒

Well Integrity Satisfactory YES ☒ NO ☐

Well Yield LOW MODERATE ☐ HIGH ☒

Remarks BROWN, TURBID, NO ODOR

SAMPLED 1230

FIELD ANALYSES

VOLUME PURGED (gallons)	20.0				
TIME (military)	1230				
pH (R.U.)	7.25				
Eh (mV)					
Sp. Cond. (µmhos/cm)	657				
Water Temp. (°C)	12.7				
TURBIDITY (subjective)*	> 1000				

* (1) Clear (2) Slight (3) Moderate (4) High

COMMENTS/OBSERVATIONS:

Casing Diameter 2" inches
Casing Material PVC
Measuring Point Elevation TOP OF PVC 1/100 R
Height of Riser (above land surface) FLUSH MOUNT 1/100 R
Land Surface Elevation 1/100 R
Screened Interval 1/100 R
Dedicated Pump or Bailer YES ☒ NO ☐ Type
Steel Guard Pipe Around Casing YES ☒ NO ☐
Locking Cap YES ☒ NO ☐ NEEDS TO BE REPLACED
Protective Post/Abutment YES ☐ NO ☒
Well Integrity Satisfactory YES ☐ NO ☒
Well Yield LOW ☐ MODERATE ☐ HIGH ☒
Remarks OLD LOCKING CAP BROKEN
SAMPLED 1335
L.T. BROWN, FOAMY, SLIGHT SHEEN
NO NOTICABLE ODOR

1003

Ceasing Diameter 2" Inches
Ceasing Material PVC
Measuring Point Elevation TOP PVC 1/100 R
Height of Floor (above land surface) FLOOR SURFACE 1/100 R
Land Surface Elevation _____ 1/100 R
Screened Interval _____ 1/100 R
Dedicated Pump or Bailer YES ☒ NO ☐ Type _____
Steel Guard Pipe Around Ceasing YES ☒ NO ☐
Locking Cap YES ☒ NO ☐
Protective Post/Abutment YES ☐ NO ☒
Well Integrity Satisfactory YES ☒ NO ☐
Well Yield LOW ☐ MODERATE ☐ HIGH ☒
Remarks TURBID, PVC BARRIER IN ORDER
SAMPLED 1710

• (1) Clear (2) Slight (3) Moderate (4) High

Rev. 493

Field Data Information Log for Ground Water Sampling

Page of

Date (y/m/d) 12/26/95
 Field Personnel KHS, NDAW
 Site Name CRD DIST NYACK
 RUST Environment & Infrastructure Job #
 Well ID # MW-8
 _____ Upgradient _____ Downgradient
 Weather Conditions PT CLOUDY WINDY
 Air Temperature 42°F _____ °C
 Total Well Depth (TWD) = 30.68 _____ 1/100 ft
 Depth to Ground Water (DGW) = 3.33 _____ 1/100 ft
 Length of Water Column (LWC) = 27.35 _____ 1/100 ft
 1 Casing Volume (OCV) = LWC = 1.63 _____ gal
 3 Casing Volumes = 14.35 _____ gal = Standard Evacuation Volume
 Method of Well Evacuation PVC BAILEY START 1355
 Method of Sample Collection PVC BAILEY
 Total Volume of Water Removed 15.0 _____ gal

Casing Diameter 2" _____ Inches
 Casing Material PVC
 Measuring Point Elevation TOP OF PVC _____ 1/100 ft
 Height of Riser (above land surface) FLUSH MOUNT _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval _____ 1/100 ft
 Dedicated Pump or Bailer YES ☒ NO _____ Type _____
 Steel Guard Pipe Around Casing YES ☒ NO _____
 Locking Cap YES ☒ NO _____ NEEDS TO BE REPLACED
 Protective Post/Abutment YES ☒ NO _____
 Well Integrity Satisfactory YES ☒ NO _____
 Well Yield LOW _____ MODERATE _____ HIGH _____
 Remarks MODERATELY TO HIGH TURBIDITY LT B2+IV
NO DATA NOTED
SAMPLED 1655

FIELD ANALYSES

VOLUME PURGED (gallons)	15.0				
TIME (military)	1655				
pH (S.U.)	7.15				
Eh (mV)	716				
Sp. Cond. (µmhos/cm)	716				
Water Temp. (°C)	716				
TURBIDITY (subjective) *	612.6630				

* (1) Clear (2) Slight (3) Moderate (4) High

COMMENTS/OBSERVATIONS:

Casing Diameter 2" inches
Casing Material PVC
Measuring Point Elevation Top of PVC 1/100 R
Height of Riser (above land surface) FLUSH MOUNT 1/100 R
Land Surface Elevation 1/100 R
Screened Interval 1/100 R
Dedicated Pump or Bailer YES ☒ NO Type
Steel Guard Pipe Around Casing YES ☒ NO
Locking Cap YES ☒ NO
Protective Post/Abutment YES NO ☒
Well Integrity Satisfactory YES ☒ NO
Well Yield LOW MODERATE ☒ HIGH
Remarks LT BROWN, TURBID, NO O.D.R
SAMPLED

FIELD ANALYSES						
VOLUME PURGED (gallons)	5.5					
TIME (military)	164235					
pH (S.U.)	7.6					
Eh (mV)						
Sp. Cond. (µmhos/cm)	801					
Water Temp. (°C)						
TURBIDITY (subjective) *	10.9					

* (1) Clear (2) Slight (3) Moderate (4) High

Casing Diameter 2" Inches
Casing Material PVC
Measuring Point Elevation PVC TOP 1/100 R
Height of Riser (above land surface) FLUSH MOUNT 1/100 R
Land Surface Elevation 1/100 R
Screened Interval 1/100 R
Dedicated Pump or Bailer YES ☒ NO ☐ Type
Steel Guard Pipe Around Casing YES ☒ NO ☐
Locking Cap YES ☒ NO ☐
Protective Post/Abutment YES ☐ NO ☒
Well Integrity Satisfactory YES ☒ NO ☐
Well Yield LOW ☐ MODERATE ☒ HIGH ☐
Remarks WELL WILL GO DRY IF BAILED FAST.
FAIL AT MODERATE PACE AND 3 VOLUMES
CAN BE RECOVERED
DK BROWN, VIRT TURBID, SILTY, NO ODOR

Ex. 493

Date (y/m/d) 12/27/95
 Field Personnel KAS, MAW
 Site Name ORU - WEST NYACK
 RUST Environment & Infrastructure Job # 38301-300
 Well ID # EXW-4
 _____ Upgradient _____ Downgradient
 Weather Conditions PT CLOUDY, WINDY
 Air Temperature 20'S _____ °C
 Total Well Depth (TWD) = 13.40 _____ 1/100 ft
 Depth to Ground Water (DGW) = 4.80 _____ 1/100 ft
 Length of Water Column (LWC) = TWD - DGW = 8.60 _____ 1/100 ft
 1 Casing Volume (OCV) = LWC x .367 = 3.15 _____ gal
 3 Casing Volumes = 9.45 _____ gal = Standard Evacuation Volume
 Method of Well Evacuation PVC BAILER START 0915
 Method of Sample Collection PVC BAILER STOP 0930
 Total Volume of Water Removed 10.0 _____ gal

Casing Diameter 3" _____ Inches
 Casing Material PVC _____
 Measuring Point Elevation TOP OF PVC _____ 1/100 ft
 Height of Riser (above land surface) _____ 1/100 ft
 Land Surface Elevation _____ 1/100 ft
 Screened Interval _____ 1/100 ft
 Dedicated Pump or Bailer YES ☒ NO ☐ Type _____
 Steel Guard Pipe Around Casing YES ☒ NO ☐
 Locking Cap YES ☒ NO ☐ LAP SCREW ON
 Protective Foot/Abutment YES ☒ NO ☐
 Well Integrity Satisfactory YES ☒ NO ☐
 Well Yield LOW _____ MODERATE _____ HIGH _____
 Remarks BROWN, TURBID, NO ODOOR
SAMPLED 1135

FIELD ANALYSES

VOLUME PURGED (gallons)	<u>10.0</u>				
TIME (minutes)	<u>1135</u>				
pH (S.U.)	<u>7.20</u>				
Eh (mV)					
Sp. Cond. (µmhos/cm)	<u>645</u>				
Water Temp. (°C)	<u>10.6</u>				
TURBIDITY (subjective) *	<u>380</u>				

* (1) Clear (2) Slight (3) Moderate (4) High

COMMENTS/OBSERVATIONS: _____

Casing Diameter 3" Inches
Casing Material PVC
Measuring Point Elevation TOP PVC 1/100 ft
Height of Riser (above land surface) _____ 1/100 ft
Land Surface Elevation _____ 1/100 ft
Screened Interval _____ 1/100 ft
Dedicated Pump or Bailer YES ☒ NO _____ Type _____
Steel Guard Pipe Around Casing YES ☒ NO ☒
Locking Cap YES ☒ NO ☒ GAP SCREEN IN
Protective Post/Abutment YES ☒ NO ☒
Well Integrity Satisfactory YES ☒ NO _____
Well Yield LOW ☒ MODERATE _____ HIGH _____
Remarks LT BROWN, SLIGHT TURBIDITY, NO ODOR
SAND FROM SAND PACK COMES THROUGH SCREEN
WELL GOES DRY, RECOVERS QUICKLY
SAMPLED 1242

FIELD ANALYSES						
VOLUME PURGED (gallons)	3.0					
TIME (military)	1242					
pH (S.U.)	6.71					
Eh (mV)						
Sp. Cond. (microhm/cm)	722					
Water Temp. (°C)	7.6					
TURBIDITY (subjective)*	10					

* (1) Clear (2) Slight (3) Moderate (4) High

COMMENTS/OBSERVATIONS:

Casing Diameter 3 Inches
Casing Material PVC
Measuring Point Elevation 61.42 1/100 N
Height of Riser (above land surface) 0.02 1/100 N
Land Surface Elevation 61.40 1/100 N
Screened Interval 9.65 - 14.65 1/100 N
Dedicated Pump or Bailer YES ☒ NO ☐ Type BAILEY
Steel Guard Pipe Around Casing YES ☐ NO ☒
Locking Cap YES ☒ NO ☐
Protective Post/Abutment YES ☐ NO ☒
Well Integrity Satisfactory YES ☒ NO ☐ (NOTE: DISPARITY BETWEEN
TOTAL WELL DEPTH
AND SCREENED
INTERVAL)
Well Yield LOW ☒ MODERATE ☐ HIGH ☐
Remarks SAMPLED @ 0750

• (1) Clear (2) Slight (3) Moderate (4) High

Field Data Information Log for Ground Water Sampling

Date (including) JANUARY 12, 1996
Field Personnel M. WILLIAMS
Site Name OAR - WEST NYACK
NUST Environment & Infrastructure Job # 38301.300
Well ID # MW-2
____ Upgradient X Downgradient
Weather Conditions COLD, SNOWING
Air Temperature ~~30~~ 5° _____ °C
Total Well Depth (TWD) = 9.45 _____ 1/100 R
Depth to Ground Water (DGW) = 3.20 _____ 1/100 R
Length of Water Column (LWC) = TWD - DGW = 6.25 _____ 1/100 R
1 Casing Volume (OCV) = LWC x 0.163 = 1.02 _____ gal
3 Casing Volumes = 3.06 _____ gal = Standard Evacuation Volume
Method of Well Evacuation BAILER (HAND PUMP)
Method of Sample Collection BAILER
Total Volume of Water Removed 3.25 _____ gal

Casing Diameter 2" Inches
Casing Material PVC
Measuring Point Elevation 61.81 1/100 ft
Height of Riser (above land surface) -0.09 1/100 ft
Land Surface Elevation 61.90 1/100 ft
Screened Interval 2-12 1/100 ft
Dedicated Pump or Bailer YES ☒ NO ☐ Type BAILER
Steel Guard Pipe Around Casing YES ☐ NO ☒
Locking Cap YES ☒ NO ☐
Protective Post/Abutment YES ☐ NO ☒
Well Integrity Satisfactory YES ☒ NO ☐ (~2.5' of SILTATION)
Well Yield LOW ☒ MODERATE ☐ HIGH ☐
Remarks COLLECTED SAMPLE @ 0955

FIELD ANALYSES									
VOLUME PURGED (gallons)									
TIME (military)									
pH (S.U.)									
Eh (mV)									
Sp. Cond. (μ mhos/cm)									
Water Temp. ($^{\circ}$ C)									
TURBIDITY (subjective) *									

* (1) Clear (2) Slight (3) Moderate (4) High

COMMENTS/OBSERVATIONS:

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation 61.63 1/100 ft
Height of Riser (above land surface) -0.17 1/100 ft
Land Surface Elevation 61.80 1/100 ft
Screened Interval 2-12' 1/100 ft
Dedicated Pump or Bailer YES ☒ NO ☐ Type BAILER
Steel Guard Pipe Around Casing YES ☐ NO ☒
Locking Cap YES ☒ NO ☐
Protective Post/Abutment YES ☐ NO ☒
Well Integrity Satisfactory YES ☒ NO ☐
Well Yield LOW ☐ MODERATE ☒ HIGH ☐
Remarks COLLECTED SAMPLE @ 0830

Field Data for C1W

Field Data Information Log for Ground Water Sampling

Date (year/month) JANUARY 12, 1996
Field Personnel M. WILLIAMS
Site Name OAR - WEST NYACK
NJDEP Environment & Infrastructure Job # 38301-300
Well ID # MW-4
____ Upgradient X Downgradient
Weather Conditions COLD, SNOWING
Air Temperature ~~35~~ 5° °C
Total Well Depth (TWD) = 11.43 1/100 ft
Depth to Ground Water (DGW) = 3.59 1/100 ft
Length of Water Column (LWC) = TWD - DGW = 7.84 1/100 ft
1 Casing Volume (OCV) = LWC x 0.163 = 1.28 gal
3 Casing Volumes = 3.83 gal = Standard Evacuation Volume
Method of Well Evacuation BAILER (HAND PUMP)
Method of Sample Collection BAILER
Total Volume of Water Removed 4.0 gal

Casing Diameter 2 inches
Casing Material PVC
Measuring Point Elevation 61.85 1/100 ft
Height of Fiber (above land surface) -0.25 1/100 ft
Land Surface Elevation 62.10 1/100 ft
Screened Interval 2-12 1/100 ft
Dedicated Pump or Bailer YES ☒ NO ☐ Type BAILER
Steel Guard Pipe Around Casing YES ☐ NO ☒
Locking Cap YES ☒ NO ☐
Protective Post/Abutment YES ☐ NO ☒
Well Integrity Satisfactory YES ☒ NO ☐
Well Yield LOW ☐ MODERATE ☒ HIGH ☐
Remarks SAMPLE COLLECTED @ 0915

FIELD ANALYSES					
VOLUME PURGED (gallons)					
TIME (military)					
pH (S.U.)					
En (mV)					
Sp. Cond. (microhm/cm)					
Water Temp. (°C)					
TURBIDITY (subjective) *					

* (1) Clear (2) Slight (3) Moderate (4) High

COMMENTS/OBSERVATIONS:

APPENDIX I

In-Situ Hydraulic Conductivity Data

- I.1 Overburden Monitoring Wells**
- I.2 Bedrock Interface Monitoring Wells**

I.1

Overburden Monitoring Wells

SLUG TEST DATA ENTRY FORM

Client Name: O & R Utilities, Inc. Well Number: EXW-4 Test Type: Slug
 Project No.: 38301.3 Gnd. Elev.: 60.2 Weather: cold, clear
 Project Name: West Nyack Service Yard Tested By: MAW Date Started: 12/29/95

BASIC TEST DATA	
Measurement Units (1-6):	2
Unconfined(1)/Confined(2):	1
Well Depth - TOC (feet):	13.4
Static W/L-Depth (ft.):	4.83
Riser Pipe Diameter (feet):	0.25
Initial Test Depth Value (ft.):	2.635
TOC Elevation (feet):	61.4
Intake/Soil Col. Diam. (feet):	0.85
Depth to Top of Pack (feet):	6
Pack/Soil Col. Length (ft.):	7.5
Saturat. Col. Thickness (ft.):	9.77
Casing Soil Length (if appl.):	NA
Casing Stickup (feet):	1.2
Slug Volume (ft3):	0.134
Thickness of Aquifer (feet):	25

Elapsed Time (min)	Depth to Water (ft. bmp)
0	2.635
0.01	3.737
0.02	3.607
0.03	3.284
0.04	2.974
0.05	2.777
0.06	2.571
0.07	2.711
0.08	2.635
0.09	2.638
0.1	2.647
0.11	2.657
0.12	2.67
0.13	2.676
0.14	2.685
0.15	2.695
0.16	2.708
0.17	2.714
0.18	2.723
0.19	2.733
0.2	2.742
0.21	2.752
0.22	2.761
0.23	2.771
0.24	2.777
0.25	2.787
0.26	2.796
0.27	2.803
0.28	2.812
0.29	2.822
0.3	2.831
0.31	2.837
0.32	2.847
0.33	2.853
0.35	2.875
0.4	2.917
0.45	2.961
0.5	3.002
0.55	3.04
0.6	3.081
0.65	3.119
0.7	3.157
0.75	3.192
0.8	3.227
0.85	3.262
0.9	3.297
0.95	3.328
1	3.36
2	3.886
3	4.187
4	4.386
5	4.516
6	4.605
7	4.668
8	4.709
9	4.741
10	4.763
11	4.779
12	4.795
13	4.801
14	4.811
15	4.817
16	4.82
17	4.823
18	4.826
19	4.83
20	4.83
21	4.833
22	4.833
23	4.836
24	4.836
25	4.839
26	4.839
27	4.842

AQUIFER RECOVERY DATA							
Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)
0	4.925	0.25	2.787	4	4.386		
0.01	3.737	0.26	2.796	5	4.516		
0.02	3.607	0.27	2.803	6	4.605		
0.03	3.284	0.28	2.812	7	4.668		
0.04	2.974	0.29	2.822	8	4.709		
0.05	2.777	0.3	2.831	9	4.741		
0.06	2.571	0.31	2.837	10	4.763		
0.07	2.711	0.32	2.847	11	4.779		
0.08	2.635	0.33	2.853	12	4.795		
0.09	2.638	0.35	2.875	13	4.801		
0.1	2.647	0.4	2.917	14	4.811		
0.11	2.657	0.45	2.961	15	4.817		
0.12	2.67	0.5	3.002	16	4.82		
0.13	2.676	0.55	3.04	17	4.823		
0.14	2.685	0.6	3.081	18	4.826		
0.15	2.695	0.65	3.119	19	4.83		
0.16	2.708	0.7	3.157	20	4.83		
0.17	2.714	0.75	3.192	21	4.833		
0.18	2.723	0.8	3.227	22	4.833		
0.19	2.733	0.85	3.262	23	4.836		
0.2	2.742	0.9	3.297	24	4.836		
0.21	2.752	0.95	3.328	25	4.839		
0.22	2.761	1	3.36	26	4.839		
0.23	2.771	2	3.886	27	4.842		
0.24	2.777	3	4.187				

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

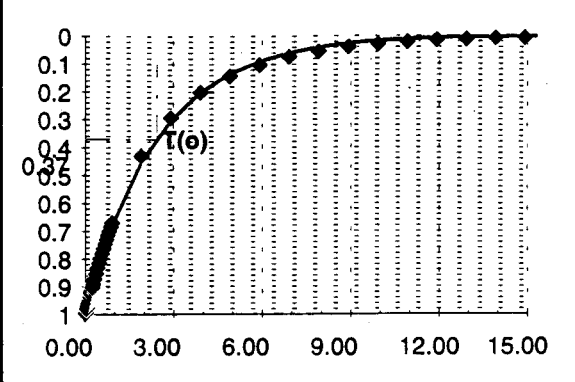
Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: EXW-4

Test Type:	7	1 to 7				
Riser Pipe Diameter:	0.25	feet				
Intake Diam.:	0.85	feet				
Pack Length:	7.5	feet				
Water Table Depth:	4.83	feet				
Line Fit Starting No.:	10	Min 1 to				
Line Fit Ending No.:	52	Max 74				
Entrapped Air Correct.:	N	Y or N				
Specify Output Units:	7	1 to 9				
K(h):	6.23E-04	cm./sec.				
Basic Time Lag (min.):	2.44					
Correlation Coefficient:	0.9992					
Meas. No.	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Hi/H-HO)	Regression To LN(Hi/H-HO)	
1)	0.00	4.93	0.09	-3.1387	0.0257	
2)	0.01	3.74	1.09	-0.6959	0.0216	
3)	0.02	3.61	1.22	-0.5835	0.0176	
4)	0.03	3.28	1.55	-0.3491	0.0135	
5)	0.04	2.97	1.86	-0.1664	0.0095	
6)	0.05	2.78	2.05	-0.0655	0.0054	
7)	0.06	2.57	2.26	0.0301	0.0014	
8)	0.07	2.71	2.12	-0.0339	-0.0027	
9)	0.08	2.64	2.20	0.0014	-0.0068	
10)	0.09	2.64	2.19	0.0000	-0.0108	
11)	0.10	2.65	2.18	-0.0041	-0.0149	
12)	0.11	2.66	2.17	-0.0087	-0.0189	
13)	0.12	2.67	2.16	-0.0147	-0.0230	
14)	0.13	2.68	2.15	-0.0175	-0.0270	
15)	0.14	2.69	2.15	-0.0217	-0.0311	
16)	0.15	2.70	2.14	-0.0263	-0.0352	
17)	0.16	2.71	2.12	-0.0325	-0.0392	
18)	0.17	2.71	2.12	-0.0353	-0.0433	
19)	0.18	2.72	2.11	-0.0395	-0.0473	
20)	0.19	2.73	2.10	-0.0443	-0.0514	
21)	0.20	2.74	2.09	-0.0486	-0.0554	
22)	0.21	2.75	2.08	-0.0534	-0.0595	
23)	0.22	2.76	2.07	-0.0577	-0.0636	
24)	0.23	2.77	2.06	-0.0626	-0.0676	
25)	0.24	2.78	2.05	-0.0655	-0.0717	
26)	0.25	2.79	2.04	-0.0704	-0.0757	
27)	0.26	2.80	2.03	-0.0748	-0.0798	
28)	0.27	2.80	2.03	-0.0783	-0.0838	
29)	0.28	2.81	2.02	-0.0827	-0.0879	
30)	0.29	2.82	2.01	-0.0877	-0.0920	
31)	0.30	2.83	2.00	-0.0922	-0.0960	
32)	0.31	2.84	1.99	-0.0952	-0.1001	
33)	0.32	2.85	1.98	-0.1002	-0.1041	
34)	0.33	2.85	1.98	-0.1032	-0.1082	

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: EXW-4

35)	0.35	2.88	1.96	-0.1144	-0.1163
36)	0.40	2.92	1.91	-0.1361	-0.1366
37)	0.45	2.96	1.87	-0.1594	-0.1569
38)	0.50	3.00	1.83	-0.1816	-0.1771
39)	0.55	3.04	1.79	-0.2026	-0.1974
40)	0.60	3.08	1.75	-0.2258	-0.2177
41)	0.65	3.12	1.71	-0.2477	-0.2380
42)	0.70	3.16	1.67	-0.2702	-0.2583
43)	0.75	3.19	1.64	-0.2913	-0.2786
44)	0.80	3.23	1.60	-0.3129	-0.2989
45)	0.85	3.26	1.57	-0.3350	-0.3191
46)	0.90	3.30	1.53	-0.3576	-0.3394
47)	0.95	3.33	1.50	-0.3780	-0.3597
48)	1.00	3.36	1.47	-0.3996	-0.3800
49)	2.00	3.89	0.94	-0.8424	-0.7857
50)	3.00	4.19	0.64	-1.2264	-1.1914
51)	4.00	4.39	0.44	-1.5967	-1.5971
52)	5.00	4.52	0.31	-1.9432	-2.0027
53)	6.00	4.61	0.23	-2.2765	-2.4084
54)	7.00	4.67	0.16	-2.6050	-2.8141
55)	8.00	4.71	0.12	-2.8968	-3.2198
56)	9.00	4.74	0.09	-3.2039	-3.6255
57)	10.00	4.76	0.07	-3.4879	-4.0312
58)	11.00	4.78	0.05	-3.7607	-4.4369
59)	12.00	4.80	0.04	-4.1372	-4.8426
60)	13.00	4.80	0.03	-4.3253	-5.2483
61)	14.00	4.81	0.02	-4.7481	-5.6539
62)	15.00	4.82	0.01	-5.1276	-6.0596
63)	16.00	4.82	0.01	-5.3900	-6.4653
64)	17.00	4.82	0.01	-5.7467	-6.8710
65)	18.00	4.83	0.00	-6.3063	-7.2767
66)	19.00	4.83	0.00	#NUM!	-7.6824
67)	20.00	4.83	0.00	#NUM!	-8.0881
68)	21.00	4.83	0.00	-6.5940	-8.4938
69)	22.00	4.83	0.00	-6.5940	-8.8994
70)	23.00	4.84	0.01	-5.9008	-9.3051
71)	24.00	4.84	0.01	-5.9008	-9.7108
72)	25.00	4.84	0.01	-5.4953	-10.1165
73)	26.00	4.84	0.01	-5.4953	-10.5222
74)	27.00	4.84	0.01	-5.2077	-10.9279

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

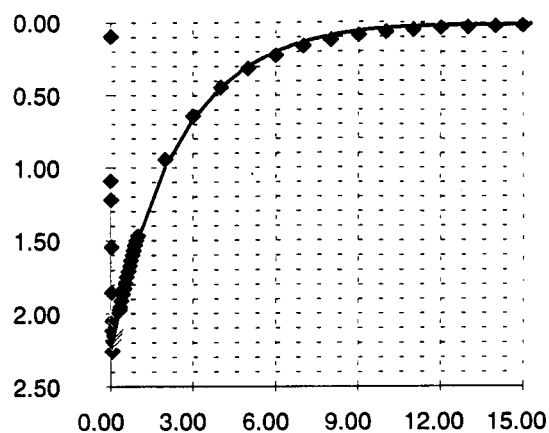
Client Name: O & R Utilities, Inc.

Identification: EXW-4

User Name: MAW

Run Date: 12/29/95

Riser Pipe Diameter:	0.25	feet
Intake Diameter:	0.85	feet
Screen Length:	7.5	feet
Saturated Column Length:	9.77	feet
Water Table Depth:	4.83	feet
Aquifer Thickness:	25	feet
Line Fit Starting No.:	10	Min 1 to
Line Fit Ending No.:	52	Max 74
Specify Output Units:	7	1 to 9
K(h):	4.09E-04	cm./sec.
Correlation Coefficient:	0.9992	



Meas. #	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Yt)	Regression On LN(Yt)
1)	0.00	4.93	0.09	-2.354	0.811
2)	0.01	3.74	1.09	0.089	0.806
3)	0.02	3.61	1.22	0.201	0.802
4)	0.03	3.28	1.55	0.436	0.798
5)	0.04	2.97	1.86	0.618	0.794
6)	0.05	2.78	2.05	0.719	0.790
7)	0.06	2.57	2.26	0.815	0.786
8)	0.07	2.71	2.12	0.751	0.782
9)	0.08	2.64	2.20	0.786	0.778
10)	0.09	2.64	2.19	0.785	0.774
11)	0.10	2.65	2.18	0.781	0.770
12)	0.11	2.66	2.17	0.776	0.766
13)	0.12	2.67	2.16	0.770	0.762
14)	0.13	2.68	2.15	0.767	0.758
15)	0.14	2.69	2.15	0.763	0.754
16)	0.15	2.70	2.14	0.758	0.750
17)	0.16	2.71	2.12	0.752	0.746
18)	0.17	2.71	2.12	0.750	0.742
19)	0.18	2.72	2.11	0.745	0.737
20)	0.19	2.73	2.10	0.741	0.733
21)	0.20	2.74	2.09	0.736	0.729
22)	0.21	2.75	2.08	0.731	0.725
23)	0.22	2.76	2.07	0.727	0.721
24)	0.23	2.77	2.06	0.722	0.717
25)	0.24	2.78	2.05	0.719	0.713
26)	0.25	2.79	2.04	0.714	0.709
27)	0.26	2.80	2.03	0.710	0.705
28)	0.27	2.80	2.03	0.707	0.701
29)	0.28	2.81	2.02	0.702	0.697
30)	0.29	2.82	2.01	0.697	0.693
31)	0.30	2.83	2.00	0.693	0.689
32)	0.31	2.84	1.99	0.690	0.685
33)	0.32	2.85	1.98	0.685	0.681
34)	0.33	2.85	1.98	0.682	0.677

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Identification: EXW-4

35)	0.35	2.88	1.96	0.670	0.669
36)	0.40	2.92	1.91	0.649	0.648
37)	0.45	2.96	1.87	0.625	0.628
38)	0.50	3.00	1.83	0.603	0.608
39)	0.55	3.04	1.79	0.582	0.587
40)	0.60	3.08	1.75	0.559	0.567
41)	0.65	3.12	1.71	0.537	0.547
42)	0.70	3.16	1.67	0.515	0.527
43)	0.75	3.19	1.64	0.493	0.506
44)	0.80	3.23	1.60	0.472	0.486
45)	0.85	3.26	1.57	0.450	0.466
46)	0.90	3.30	1.53	0.427	0.445
47)	0.95	3.33	1.50	0.407	0.425
48)	1.00	3.36	1.47	0.385	0.405
49)	2.00	3.89	0.94	-0.058	-0.001
50)	3.00	4.19	0.64	-0.442	-0.407
51)	4.00	4.39	0.44	-0.812	-0.812
52)	5.00	4.52	0.31	-1.158	-1.218
53)	6.00	4.61	0.23	-1.492	-1.624
54)	7.00	4.67	0.16	-1.820	-2.029
55)	8.00	4.71	0.12	-2.112	-2.435
56)	9.00	4.74	0.09	-2.419	-2.841
57)	10.00	4.76	0.07	-2.703	-3.246
58)	11.00	4.78	0.05	-2.976	-3.652
59)	12.00	4.80	0.04	-3.352	-4.058
60)	13.00	4.80	0.03	-3.540	-4.463
61)	14.00	4.81	0.02	-3.963	-4.869
62)	15.00	4.82	0.01	-4.343	-5.275
63)	16.00	4.82	0.01	-4.605	-5.681
64)	17.00	4.82	0.01	-4.962	-6.086
65)	18.00	4.83	0.00	-5.521	-6.492
66)	19.00	4.83	0.00	#NUM!	-6.898
67)	20.00	4.83	0.00	#NUM!	-7.303
68)	21.00	4.83	0.00	-5.809	-7.709
69)	22.00	4.83	0.00	-5.809	-8.115
70)	23.00	4.84	0.01	-5.116	-8.520
71)	24.00	4.84	0.01	-5.116	-8.926
72)	25.00	4.84	0.01	-4.711	-9.332
73)	26.00	4.84	0.01	-4.711	-9.737
74)	27.00	4.84	0.01	-4.423	-10.143

SLUG TEST DATA ENTRY FORM

Client Name: O &R Utilities, Inc.

Well Number: EXW-5

Test Type: Slug

Project No.: 38301.3

Gnd. Elev.: 60.6

Weather: cold, clear

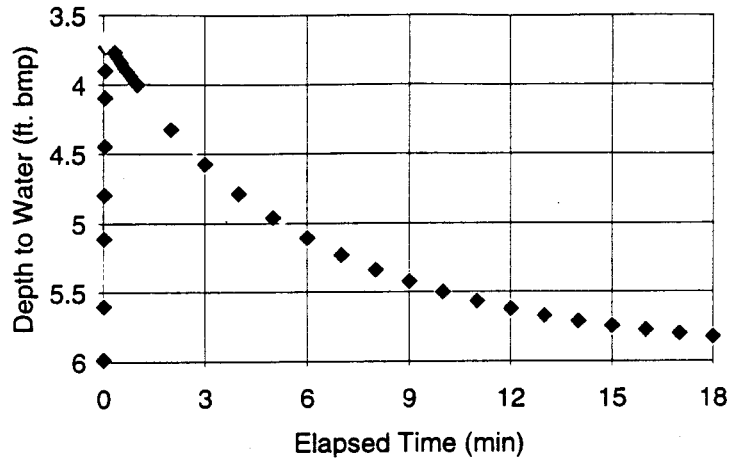
Project Name: West Nyack Service Yard

Tested By: MAW

Date Started: 12/29/95

BASIC TEST DATA

Measurement Units (1-6):	2
Unconfined(1)/Confined(2):	1
Well Depth - TOC (feet):	8.65
Static W/L-Depth (ft.):	5.99
Riser Pipe Diameter (feet):	0.25
Initial Test Depth Value (ft.):	3.674
TOC Elevation (feet):	62.94
Intake/Soil Col. Diam. (feet):	0.85
Depth to Top of Pack (feet):	7
Pack/Soil Col. Length (ft.):	7
Saturat. Col. Thickness (ft.):	5
Casing Soil Length (if appl.):	NA
Casing Stickup (feet):	2.34
Slug Volume (ft3):	0.134
Thickness of Aquifer (feet):	25



AQUIFER RECOVERY DATA

Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)
0	5.986	0.25	3.744	5	4.963	30	5.945
0.01	5.603	0.26	3.747	6	5.109	31	5.951
0.02	5.115	0.27	3.75	7	5.233	32	5.955
0.03	4.799	0.28	3.754	8	5.34	33	5.958
0.04	4.447	0.29	3.757	9	5.426	34	5.961
0.05	4.096	0.3	3.76	10	5.502	35	5.964
0.06	3.899	0.31	3.763	11	5.568	36	5.964
0.07	3.728	0.32	3.766	12	5.625	37	5.964
0.08	3.671	0.33	3.769	13	5.673	38	5.967
0.09	3.674	0.4	3.795	14	5.714	39	5.967
0.1	3.678	0.45	3.811	15	5.749	40	5.97
0.11	3.681	0.5	3.83	16	5.777	41	5.97
0.12	3.687	0.55	3.845	17	5.803	42	5.974
0.13	3.693	0.6	3.864	18	5.825	43	5.974
0.14	3.697	0.65	3.883	19	5.844	44	5.974
0.15	3.703	0.7	3.899	20	5.863	45	5.974
0.16	3.706	0.75	3.918	21	5.875		
0.17	3.712	0.8	3.934	22	5.885		
0.18	3.716	0.85	3.953	23	5.898		
0.19	3.719	0.9	3.969	24	5.904		
0.2	3.725	0.95	3.988	25	5.913		
0.21	3.728	1	4.004	26	5.923		
0.22	3.731	2	4.324	27	5.932		
0.23	3.735	3	4.577	28	5.939		
0.24	3.738	4	4.789	29	5.942		

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

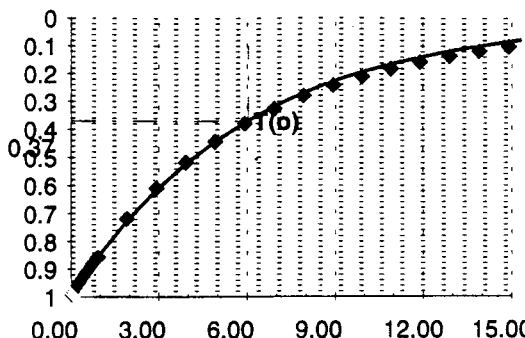
Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: EXW-5

Test Type:	7	1 to 7				
Riser Pipe Diameter:	0.25	feet				
Intake Diam.:	0.85	feet				
Pack Length:	7	feet				
Water Table Depth:	5.99	feet				
Line Fit Starting No.:	10	Min 1 to				
Line Fit Ending No.:	40	Max 91				
Entrapped Air Correct.:	N	Y or N				
Specify Output Units:	7	1 to 9				
K(h):	2.63E-04	cm./sec.				
Basic Time Lag (min.):	6.04					
Correlation Coefficient:	0.9986					
Meas. No.	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Hi/H-HO)	Regression To LN(Hi/H-HO)	
1)	0.00	5.99	0.00	-6.3613	0.0124	
2)	0.01	5.60	0.39	-1.7892	0.0107	
3)	0.02	5.12	0.88	-0.9734	0.0091	
4)	0.03	4.80	1.19	-0.6650	0.0074	
5)	0.04	4.45	1.54	-0.4061	0.0058	
6)	0.05	4.10	1.89	-0.2012	0.0041	
7)	0.06	3.90	2.09	-0.1022	0.0025	
8)	0.07	3.73	2.26	-0.0236	0.0008	
9)	0.08	3.67	2.32	0.0013	-0.0008	
10)	0.09	3.67	2.32	0.0000	-0.0025	
11)	0.10	3.68	2.31	-0.0017	-0.0041	
12)	0.11	3.68	2.31	-0.0030	-0.0058	
13)	0.12	3.69	2.30	-0.0056	-0.0074	
14)	0.13	3.69	2.30	-0.0082	-0.0091	
15)	0.14	3.70	2.29	-0.0100	-0.0107	
16)	0.15	3.70	2.29	-0.0126	-0.0124	
17)	0.16	3.71	2.28	-0.0139	-0.0140	
18)	0.17	3.71	2.28	-0.0165	-0.0157	
19)	0.18	3.72	2.27	-0.0183	-0.0174	
20)	0.19	3.72	2.27	-0.0196	-0.0190	
21)	0.20	3.73	2.27	-0.0223	-0.0207	
22)	0.21	3.73	2.26	-0.0236	-0.0223	
23)	0.22	3.73	2.26	-0.0249	-0.0240	
24)	0.23	3.74	2.26	-0.0267	-0.0256	
25)	0.24	3.74	2.25	-0.0280	-0.0273	
26)	0.25	3.74	2.25	-0.0307	-0.0289	
27)	0.26	3.75	2.24	-0.0320	-0.0306	
28)	0.27	3.75	2.24	-0.0334	-0.0322	
29)	0.28	3.75	2.24	-0.0352	-0.0339	
30)	0.29	3.76	2.23	-0.0365	-0.0355	
31)	0.30	3.76	2.23	-0.0378	-0.0372	
32)	0.31	3.76	2.23	-0.0392	-0.0388	
33)	0.32	3.77	2.22	-0.0405	-0.0405	
34)	0.33	3.77	2.22	-0.0419	-0.0421	

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: EXW-5

35)	0.40	3.80	2.20	-0.0537	-0.0537
36)	0.45	3.81	2.18	-0.0610	-0.0619
37)	0.50	3.83	2.16	-0.0697	-0.0702
38)	0.55	3.85	2.15	-0.0767	-0.0784
39)	0.60	3.86	2.13	-0.0856	-0.0867
40)	0.65	3.88	2.11	-0.0946	-0.0950
41)	0.70	3.90	2.09	-0.1022	-0.1032
42)	0.75	3.92	2.07	-0.1113	-0.1115
43)	0.80	3.93	2.06	-0.1191	-0.1197
44)	0.85	3.95	2.04	-0.1284	-0.1280
45)	0.90	3.97	2.02	-0.1362	-0.1362
46)	0.95	3.99	2.00	-0.1457	-0.1445
47)	1.00	4.00	1.99	-0.1537	-0.1527
48)	2.00	4.32	1.67	-0.3294	-0.3178
49)	3.00	4.58	1.41	-0.4941	-0.4829
50)	4.00	4.79	1.20	-0.6567	-0.6480
51)	5.00	4.96	1.03	-0.8132	-0.8132
52)	6.00	5.11	0.88	-0.9665	-0.9783
53)	7.00	5.23	0.76	-1.1182	-1.1434
54)	8.00	5.34	0.65	-1.2706	-1.3085
55)	9.00	5.43	0.56	-1.4125	-1.4736
56)	10.00	5.50	0.49	-1.5573	-1.6387
57)	11.00	5.57	0.42	-1.7026	-1.8038
58)	12.00	5.63	0.37	-1.8477	-1.9689
59)	13.00	5.67	0.32	-1.9887	-2.1340
60)	14.00	5.71	0.28	-2.1272	-2.2991
61)	15.00	5.75	0.24	-2.2628	-2.4642
62)	16.00	5.78	0.21	-2.3863	-2.6293
63)	17.00	5.80	0.19	-2.5165	-2.7944
64)	18.00	5.83	0.17	-2.6417	-2.9595
65)	19.00	5.84	0.15	-2.7640	-3.1246
66)	20.00	5.86	0.13	-2.9034	-3.2897
67)	21.00	5.88	0.12	-3.0027	-3.4548
68)	22.00	5.89	0.11	-3.0936	-3.6199
69)	23.00	5.90	0.09	-3.2258	-3.7850
70)	24.00	5.90	0.09	-3.2932	-3.9501
71)	25.00	5.91	0.08	-3.4038	-4.1152
72)	26.00	5.92	0.07	-3.5429	-4.2803
73)	27.00	5.93	0.06	-3.6872	-4.4454
74)	28.00	5.94	0.05	-3.8158	-4.6105
75)	29.00	5.94	0.05	-3.8764	-4.7756
76)	30.00	5.95	0.04	-3.9409	-4.9407
77)	31.00	5.95	0.04	-4.0840	-5.1058
78)	32.00	5.96	0.04	-4.1922	-5.2709
79)	33.00	5.96	0.03	-4.2819	-5.4361
80)	34.00	5.96	0.03	-4.3803	-5.6012
81)	35.00	5.96	0.03	-4.4895	-5.7663
82)	36.00	5.96	0.03	-4.4895	-5.9314

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: EXW-5

83)	37.00	5.96	0.03	-4.4895	-6.0965
84)	38.00	5.97	0.02	-4.6121	-6.2616
85)	39.00	5.97	0.02	-4.6121	-6.4267
86)	40.00	5.97	0.02	-4.7519	-6.5918
87)	41.00	5.97	0.02	-4.7519	-6.7569
88)	42.00	5.97	0.02	-4.9750	-6.9220
89)	43.00	5.97	0.02	-4.9750	-7.0871
90)	44.00	5.97	0.02	-4.9750	-7.2522
91)	45.00	5.97	0.02	-4.9750	-7.4173

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

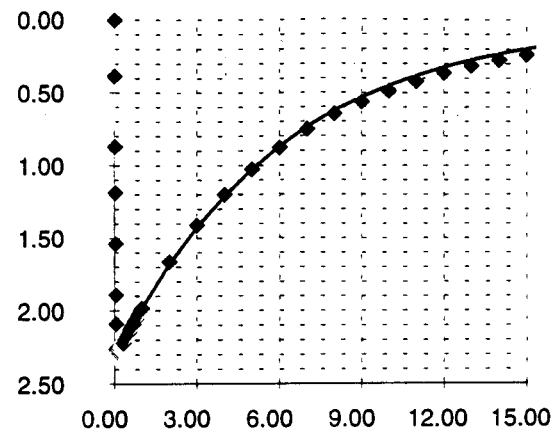
Client Name: O & R Utilities, Inc.

Identification: EXW-5

User Name: MAW

Run Date: 12/29/95

Riser Pipe Diameter:	0.25	feet
Intake Diameter:	0.85	feet
Screen Length:	7	feet
Saturated Column Length:	5	feet
Water Table Depth:	5.99	feet
Aquifer Thickness:	25	feet
Line Fit Starting No.:	10	Min 1 to
Line Fit Ending No.:	40	Max 91
Specify Output Units:	7	1 to 9
K(h):	1.48E-04	cm./sec.
Correlation Coefficient:	0.9986	



Meas. #	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Yt)	Regression On LN(Yt)
1)	0.00	5.99	0.00	-5.521	0.852
2)	0.01	5.60	0.39	-0.949	0.851
3)	0.02	5.12	0.88	-0.134	0.849
4)	0.03	4.80	1.19	0.175	0.847
5)	0.04	4.45	1.54	0.434	0.846
6)	0.05	4.10	1.89	0.639	0.844
7)	0.06	3.90	2.09	0.738	0.842
8)	0.07	3.73	2.26	0.816	0.841
9)	0.08	3.67	2.32	0.841	0.839
10)	0.09	3.67	2.32	0.840	0.837
11)	0.10	3.68	2.31	0.838	0.836
12)	0.11	3.68	2.31	0.837	0.834
13)	0.12	3.69	2.30	0.834	0.832
14)	0.13	3.69	2.30	0.832	0.831
15)	0.14	3.70	2.29	0.830	0.829
16)	0.15	3.70	2.29	0.827	0.827
17)	0.16	3.71	2.28	0.826	0.826
18)	0.17	3.71	2.28	0.823	0.824
19)	0.18	3.72	2.27	0.822	0.822
20)	0.19	3.72	2.27	0.820	0.821
21)	0.20	3.73	2.27	0.818	0.819
22)	0.21	3.73	2.26	0.816	0.818
23)	0.22	3.73	2.26	0.815	0.816
24)	0.23	3.74	2.26	0.813	0.814
25)	0.24	3.74	2.25	0.812	0.813
26)	0.25	3.74	2.25	0.809	0.811
27)	0.26	3.75	2.24	0.808	0.809
28)	0.27	3.75	2.24	0.806	0.808
29)	0.28	3.75	2.24	0.805	0.806
30)	0.29	3.76	2.23	0.803	0.804
31)	0.30	3.76	2.23	0.802	0.803
32)	0.31	3.76	2.23	0.801	0.801
33)	0.32	3.77	2.22	0.799	0.799
34)	0.33	3.77	2.22	0.798	0.798

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Identification: EXW-5

35)	0.40	3.80	2.20	0.786	0.786
36)	0.45	3.81	2.18	0.779	0.778
37)	0.50	3.83	2.16	0.770	0.770
38)	0.55	3.85	2.15	0.763	0.761
39)	0.60	3.86	2.13	0.754	0.753
40)	0.65	3.88	2.11	0.745	0.745
41)	0.70	3.90	2.09	0.738	0.737
42)	0.75	3.92	2.07	0.729	0.728
43)	0.80	3.93	2.06	0.721	0.720
44)	0.85	3.95	2.04	0.711	0.712
45)	0.90	3.97	2.02	0.704	0.704
46)	0.95	3.99	2.00	0.694	0.695
47)	1.00	4.00	1.99	0.686	0.687
48)	2.00	4.32	1.67	0.510	0.522
49)	3.00	4.58	1.41	0.346	0.357
50)	4.00	4.79	1.20	0.183	0.192
51)	5.00	4.96	1.03	0.027	0.027
52)	6.00	5.11	0.88	-0.127	-0.138
53)	7.00	5.23	0.76	-0.278	-0.304
54)	8.00	5.34	0.65	-0.431	-0.469
55)	9.00	5.43	0.56	-0.573	-0.634
56)	10.00	5.50	0.49	-0.717	-0.799
57)	11.00	5.57	0.42	-0.863	-0.964
58)	12.00	5.63	0.37	-1.008	-1.129
59)	13.00	5.67	0.32	-1.149	-1.294
60)	14.00	5.71	0.28	-1.287	-1.459
61)	15.00	5.75	0.24	-1.423	-1.624
62)	16.00	5.78	0.21	-1.546	-1.789
63)	17.00	5.80	0.19	-1.677	-1.955
64)	18.00	5.83	0.17	-1.802	-2.120
65)	19.00	5.84	0.15	-1.924	-2.285
66)	20.00	5.86	0.13	-2.064	-2.450
67)	21.00	5.88	0.12	-2.163	-2.615
68)	22.00	5.89	0.11	-2.254	-2.780
69)	23.00	5.90	0.09	-2.386	-2.945
70)	24.00	5.90	0.09	-2.453	-3.110
71)	25.00	5.91	0.08	-2.564	-3.275
72)	26.00	5.92	0.07	-2.703	-3.440
73)	27.00	5.93	0.06	-2.847	-3.606
74)	28.00	5.94	0.05	-2.976	-3.771
75)	29.00	5.94	0.05	-3.037	-3.936
76)	30.00	5.95	0.04	-3.101	-4.101
77)	31.00	5.95	0.04	-3.244	-4.266
78)	32.00	5.96	0.04	-3.352	-4.431
79)	33.00	5.96	0.03	-3.442	-4.596
80)	34.00	5.96	0.03	-3.540	-4.761
81)	35.00	5.96	0.03	-3.650	-4.926
82)	36.00	5.96	0.03	-3.650	-5.092
83)	37.00	5.96	0.03	-3.650	-5.257
84)	38.00	5.97	0.02	-3.772	-5.422
85)	39.00	5.97	0.02	-3.772	-5.587
86)	40.00	5.97	0.02	-3.912	-5.752
87)	41.00	5.97	0.02	-3.912	-5.917

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Identification: EXW-5

88)	42.00	5.97	0.02	-4.135	-6.082
89)	43.00	5.97	0.02	-4.135	-6.247
90)	44.00	5.97	0.02	-4.135	-6.412
91)	45.00	5.97	0.02	-4.135	-6.577

SLUG TEST DATA ENTRY FORM

Client Name: O & R Utilities, Inc. Well Number: MW-1 Test Type: Slug
 Project No.: 38301.3 Gnd. Elev.: 62.7 Weather: cold, clear
 Project Name: West Nyack Service Yard Tested By: MAW Date Started: 12/28/95

BASIC TEST DATA	
Measurement Units (1-6):	2
Unconfined(1)/Confined(2):	1
Well Depth - TOC (feet):	10.15
Static W/L-Depth (ft.):	3.64
Riser Pipe Diameter (feet):	0.167
Initial Test Depth Value (ft.):	1.628
TOC Elevation (feet):	62.68
Intake/Soil Col. Diam. (feet):	0.75
Depth to Top of Pack (feet):	1.6
Pack/Soil Col. Length (ft.):	11.4
Saturat. Col. Thickness (ft.):	9.36
Casing Soil Length (if appl.):	NA
Casing Stickup (feet):	0
Slug Volume (ft3):	0.134
Thickness of Aquifer (feet):	25

Elapsed Time (min)	Depth to Water (ft. bmp)
0	1.5
0.01	2.851
0.02	2.401
0.03	1.882
0.04	1.508
0.05	1.343
0.06	1.673
0.07	1.606
0.08	1.524
0.09	1.628
0.1	1.714
0.11	1.977
0.12	2.081
0.13	2.157
0.14	2.262
0.15	2.354
0.16	2.452
0.17	2.537
0.18	2.613
0.19	2.67
0.2	2.718
0.21	2.753
0.22	2.778
0.23	2.803
0.24	2.822

AQUIFER RECOVERY DATA							
Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)
0	3.7	0.25	2.848	1.6	3.098	6.6	3.339
0.01	2.851	0.26	2.87	1.8	3.114	6.8	3.348
0.02	2.401	0.27	2.886	2	3.13	7	3.358
0.03	1.882	0.28	2.898	2.2	3.145	7.2	3.367
0.04	1.508	0.29	2.908	2.4	3.158	7.4	3.38
0.05	1.343	0.3	2.914	2.6	3.171	7.6	3.389
0.06	1.673	0.31	2.917	2.8	3.183	7.8	3.402
0.07	1.606	0.32	2.921	3	3.193	8	3.411
0.08	1.524	0.33	2.924	3.2	3.202	8.2	3.421
0.09	1.628	0.35	2.93	3.4	3.212	8.4	3.427
0.1	1.714	0.4	2.936	3.6	3.221	8.6	3.437
0.11	1.977	0.45	2.943	3.8	3.231	8.8	3.446
0.12	2.081	0.5	2.949	4	3.24	9	3.453
0.13	2.157	0.55	2.955	4.2	3.25	9.2	3.459
0.14	2.262	0.6	2.965	4.4	3.256	9.4	3.462
0.15	2.354	0.65	2.971	4.6	3.266	9.6	3.468
0.16	2.452	0.7	2.981	4.8	3.272	9.8	3.475
0.17	2.537	0.75	2.99	5	3.282	10	3.478
0.18	2.613	0.8	2.997	5.2	3.288	11	3.503
0.19	2.67	0.85	3.006	5.4	3.294	12	3.529
0.2	2.718	0.9	3.012	5.6	3.301	13	3.554
0.21	2.753	0.95	3.022	5.8	3.31	14	3.573
0.22	2.778	1	3.028	6	3.316	15	3.592
0.23	2.803	1.2	3.06	6.2	3.323		
0.24	2.822	1.4	3.079	6.4	3.332		

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

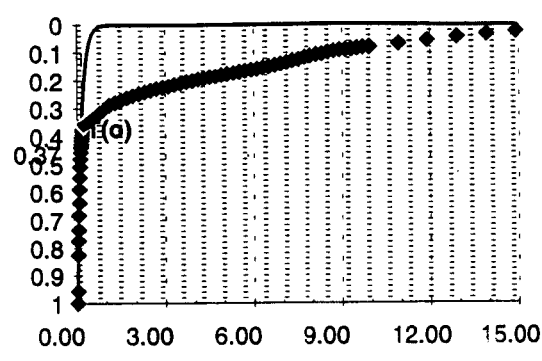
Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Run Date: 12/28/95

User Name: MAW

Identification: MW-1

Test Type: 7 1 to 7 Riser Pipe Diameter: 0.167 feet Intake Diam.: 0.75 feet Pack Length: 11.4 feet Water Table Depth: 3.64 feet Line Fit Starting No.: 10 Min 1 to Line Fit Ending No.: 24 Max 98 Entrapped Air Correct.: N Y or N Specify Output Units: 7 1 to 9 K(h): 3.61E-03 cm./sec. Basic Time Lag (min.): 0.15 Correlation Coefficient: 0.9915					
Meas. No.	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Hi/H-HO)	Regression To LN(Hi/H-HO)
1)	0.00	3.70	0.06	-3.5125	0.5429
2)	0.01	2.85	0.79	-0.9361	0.4779
3)	0.02	2.40	1.24	-0.4848	0.4128
4)	0.03	1.88	1.76	-0.1350	0.3477
5)	0.04	1.51	2.13	0.0579	0.2826
6)	0.05	1.34	2.30	0.1325	0.2176
7)	0.06	1.67	1.97	-0.0226	0.1525
8)	0.07	1.61	2.03	0.0109	0.0874
9)	0.08	1.52	2.12	0.0504	0.0223
10)	0.09	1.63	2.01	0.0000	-0.0428
11)	0.10	1.71	1.93	-0.0437	-0.1078
12)	0.11	1.98	1.66	-0.1905	-0.1729
13)	0.12	2.08	1.56	-0.2551	-0.2380
14)	0.13	2.16	1.48	-0.3051	-0.3031
15)	0.14	2.26	1.38	-0.3785	-0.3681
16)	0.15	2.35	1.29	-0.4476	-0.4332
17)	0.16	2.45	1.19	-0.5269	-0.4983
18)	0.17	2.54	1.10	-0.6011	-0.5634
19)	0.18	2.61	1.03	-0.6725	-0.6285
20)	0.19	2.67	0.97	-0.7296	-0.6935
21)	0.20	2.72	0.92	-0.7803	-0.7586
22)	0.21	2.75	0.89	-0.8190	-0.8237
23)	0.22	2.78	0.86	-0.8476	-0.8888
24)	0.23	2.80	0.84	-0.8771	-0.9538
25)	0.24	2.82	0.82	-0.9000	-1.0189
26)	0.25	2.85	0.79	-0.9323	-1.0840
27)	0.26	2.87	0.77	-0.9605	-1.1491
28)	0.27	2.89	0.75	-0.9815	-1.2142
29)	0.28	2.90	0.74	-0.9975	-1.2792
30)	0.29	2.91	0.73	-1.0111	-1.3443
31)	0.30	2.91	0.73	-1.0193	-1.4094
32)	0.31	2.92	0.72	-1.0235	-1.4745
33)	0.32	2.92	0.72	-1.0290	-1.5395
34)	0.33	2.92	0.72	-1.0332	-1.6046

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Run Date: 12/28/95

User Name: MAW

Identification: MW-1

35)	0.35	2.93	0.71	-1.0416	-1.7348
36)	0.40	2.94	0.70	-1.0501	-2.0602
37)	0.45	2.94	0.70	-1.0601	-2.3856
38)	0.50	2.95	0.69	-1.0687	-2.7110
39)	0.55	2.96	0.69	-1.0775	-3.0363
40)	0.60	2.97	0.68	-1.0922	-3.3617
41)	0.65	2.97	0.67	-1.1011	-3.6871
42)	0.70	2.98	0.66	-1.1162	-4.0125
43)	0.75	2.99	0.65	-1.1299	-4.3379
44)	0.80	3.00	0.64	-1.1407	-4.6633
45)	0.85	3.01	0.63	-1.1548	-4.9887
46)	0.90	3.01	0.63	-1.1643	-5.3141
47)	0.95	3.02	0.62	-1.1804	-5.6395
48)	1.00	3.03	0.61	-1.1902	-5.9649
49)	1.20	3.06	0.58	-1.2439	-7.2664
50)	1.40	3.08	0.56	-1.2772	-8.5680
51)	1.60	3.10	0.54	-1.3116	-9.8695
52)	1.80	3.11	0.53	-1.3416	-11.1711
53)	2.00	3.13	0.51	-1.3725	-12.4727
54)	2.20	3.15	0.50	-1.4023	-13.7742
55)	2.40	3.16	0.48	-1.4289	-15.0758
56)	2.60	3.17	0.47	-1.4563	-16.3773
57)	2.80	3.18	0.46	-1.4822	-17.6789
58)	3.00	3.19	0.45	-1.5043	-18.9805
59)	3.20	3.20	0.44	-1.5247	-20.2820
60)	3.40	3.21	0.43	-1.5478	-21.5836
61)	3.60	3.22	0.42	-1.5690	-22.8851
62)	3.80	3.23	0.41	-1.5932	-24.1867
63)	4.00	3.24	0.40	-1.6154	-25.4883
64)	4.20	3.25	0.39	-1.6407	-26.7898
65)	4.40	3.26	0.38	-1.6562	-28.0914
66)	4.60	3.27	0.37	-1.6826	-29.3929
67)	4.80	3.27	0.37	-1.6988	-30.6945
68)	5.00	3.28	0.36	-1.7264	-31.9961
69)	5.20	3.29	0.35	-1.7433	-33.2976
70)	5.40	3.29	0.35	-1.7604	-34.5992
71)	5.60	3.30	0.34	-1.7809	-35.9007
72)	5.80	3.31	0.33	-1.8078	-37.2023
73)	6.00	3.32	0.32	-1.8261	-38.5039
74)	6.20	3.32	0.32	-1.8480	-39.8054
75)	6.40	3.33	0.31	-1.8768	-41.1070
76)	6.60	3.34	0.30	-1.8998	-42.4085
77)	6.80	3.35	0.29	-1.9301	-43.7101
78)	7.00	3.36	0.28	-1.9650	-45.0117
79)	7.20	3.37	0.27	-1.9974	-46.3132
80)	7.40	3.38	0.26	-2.0462	-47.6148
81)	7.60	3.39	0.25	-2.0814	-48.9163
82)	7.80	3.40	0.24	-2.1346	-50.2179

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Run Date: 12/28/95

User Name: MAW

Identification: MW-1

83)	8.00	3.41	0.23	-2.1732	-51.5195
84)	8.20	3.42	0.22	-2.2178	-52.8210
85)	8.40	3.43	0.21	-2.2456	-54.1226
86)	8.60	3.44	0.20	-2.2937	-55.4241
87)	8.80	3.45	0.19	-2.3390	-56.7257
88)	9.00	3.45	0.19	-2.3758	-58.0273
89)	9.20	3.46	0.18	-2.4084	-59.3288
90)	9.40	3.46	0.18	-2.4251	-60.6304
91)	9.60	3.47	0.17	-2.4594	-61.9320
92)	9.80	3.48	0.17	-2.5009	-63.2335
93)	10.00	3.48	0.16	-2.5193	-64.5351
94)	11.00	3.50	0.14	-2.6869	-71.0429
95)	12.00	3.53	0.11	-2.8974	-77.5507
96)	13.00	3.55	0.09	-3.1525	-84.0585
97)	14.00	3.57	0.07	-3.4022	-90.5663
98)	15.00	3.59	0.05	-3.7357	-97.0741

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

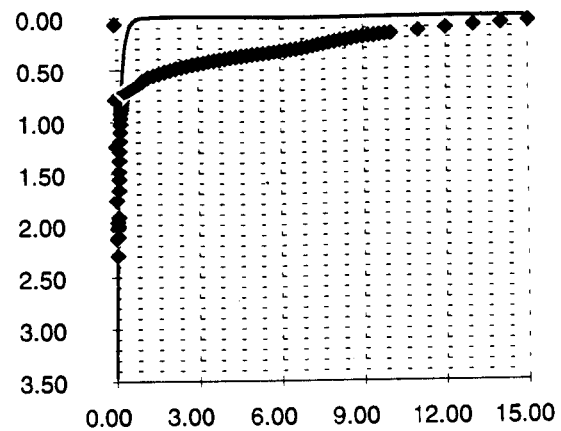
Client Name: O & R Utilities, Inc.

Identification: MW-1

User Name: MAW

Run Date: 12/28/95

Riser Pipe Diameter: 0.167 feet
 Intake Diameter: 0.75 feet
 Screen Length: 11.4 feet
 Saturated Column Length: 9.36 feet
 Water Table Depth: 3.64 feet
 Aquifer Thickness: 25 feet
 Line Fit Starting No.: 10 Min 1 to
 Line Fit Ending No.: 24 Max 98
 Specify Output Units: 7 1 to 9
 K(h): 2.17E-03 cm./sec.
 Correlation Coefficient: 0.9915



Meas. #	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Yt)	Regression On LN(Yt)
1)	0.00	3.70	0.06	-2.813	1.242
2)	0.01	2.85	0.79	-0.237	1.177
3)	0.02	2.40	1.24	0.214	1.112
4)	0.03	1.88	1.76	0.564	1.047
5)	0.04	1.51	2.13	0.757	0.982
6)	0.05	1.34	2.30	0.832	0.917
7)	0.06	1.67	1.97	0.677	0.852
8)	0.07	1.61	2.03	0.710	0.787
9)	0.08	1.52	2.12	0.750	0.721
10)	0.09	1.63	2.01	0.699	0.656
11)	0.10	1.71	1.93	0.655	0.591
12)	0.11	1.98	1.66	0.509	0.526
13)	0.12	2.08	1.56	0.444	0.461
14)	0.13	2.16	1.48	0.394	0.396
15)	0.14	2.26	1.38	0.321	0.331
16)	0.15	2.35	1.29	0.252	0.266
17)	0.16	2.45	1.19	0.172	0.201
18)	0.17	2.54	1.10	0.098	0.136
19)	0.18	2.61	1.03	0.027	0.071
20)	0.19	2.67	0.97	-0.030	0.006
21)	0.20	2.72	0.92	-0.081	-0.059
22)	0.21	2.75	0.89	-0.120	-0.125
23)	0.22	2.78	0.86	-0.149	-0.190
24)	0.23	2.80	0.84	-0.178	-0.255
25)	0.24	2.82	0.82	-0.201	-0.320
26)	0.25	2.85	0.79	-0.233	-0.385
27)	0.26	2.87	0.77	-0.261	-0.450
28)	0.27	2.89	0.75	-0.282	-0.515
29)	0.28	2.90	0.74	-0.298	-0.580
30)	0.29	2.91	0.73	-0.312	-0.645
31)	0.30	2.91	0.73	-0.320	-0.710
32)	0.31	2.92	0.72	-0.324	-0.775
33)	0.32	2.92	0.72	-0.330	-0.840
34)	0.33	2.92	0.72	-0.334	-0.905

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Identification: MW-1

35)	0.35	2.93	0.71	-0.342	-1.036
36)	0.40	2.94	0.70	-0.351	-1.361
37)	0.45	2.94	0.70	-0.361	-1.686
38)	0.50	2.95	0.69	-0.370	-2.012
39)	0.55	2.96	0.69	-0.378	-2.337
40)	0.60	2.97	0.68	-0.393	-2.663
41)	0.65	2.97	0.67	-0.402	-2.988
42)	0.70	2.98	0.66	-0.417	-3.313
43)	0.75	2.99	0.65	-0.431	-3.639
44)	0.80	3.00	0.64	-0.442	-3.964
45)	0.85	3.01	0.63	-0.456	-4.290
46)	0.90	3.01	0.63	-0.465	-4.615
47)	0.95	3.02	0.62	-0.481	-4.940
48)	1.00	3.03	0.61	-0.491	-5.266
49)	1.20	3.06	0.58	-0.545	-6.567
50)	1.40	3.08	0.56	-0.578	-7.869
51)	1.60	3.10	0.54	-0.612	-9.170
52)	1.80	3.11	0.53	-0.642	-10.472
53)	2.00	3.13	0.51	-0.673	-11.774
54)	2.20	3.15	0.50	-0.703	-13.075
55)	2.40	3.16	0.48	-0.730	-14.377
56)	2.60	3.17	0.47	-0.757	-15.678
57)	2.80	3.18	0.46	-0.783	-16.980
58)	3.00	3.19	0.45	-0.805	-18.281
59)	3.20	3.20	0.44	-0.826	-19.583
60)	3.40	3.21	0.43	-0.849	-20.884
61)	3.60	3.22	0.42	-0.870	-22.186
62)	3.80	3.23	0.41	-0.894	-23.488
63)	4.00	3.24	0.40	-0.916	-24.789
64)	4.20	3.25	0.39	-0.942	-26.091
65)	4.40	3.26	0.38	-0.957	-27.392
66)	4.60	3.27	0.37	-0.983	-28.694
67)	4.80	3.27	0.37	-1.000	-29.995
68)	5.00	3.28	0.36	-1.027	-31.297
69)	5.20	3.29	0.35	-1.044	-32.598
70)	5.40	3.29	0.35	-1.061	-33.900
71)	5.60	3.30	0.34	-1.082	-35.202
72)	5.80	3.31	0.33	-1.109	-36.503
73)	6.00	3.32	0.32	-1.127	-37.805
74)	6.20	3.32	0.32	-1.149	-39.106
75)	6.40	3.33	0.31	-1.178	-40.408
76)	6.60	3.34	0.30	-1.201	-41.709
77)	6.80	3.35	0.29	-1.231	-43.011
78)	7.00	3.36	0.28	-1.266	-44.313
79)	7.20	3.37	0.27	-1.298	-45.614
80)	7.40	3.38	0.26	-1.347	-46.916
81)	7.60	3.39	0.25	-1.382	-48.217
82)	7.80	3.40	0.24	-1.435	-49.519
83)	8.00	3.41	0.23	-1.474	-50.820
84)	8.20	3.42	0.22	-1.519	-52.122
85)	8.40	3.43	0.21	-1.546	-53.423
86)	8.60	3.44	0.20	-1.595	-54.725
87)	8.80	3.45	0.19	-1.640	-56.027

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Identification: MW-1

88)	9.00	3.45	0.19	-1.677	-57.328
89)	9.20	3.46	0.18	-1.709	-58.630
90)	9.40	3.46	0.18	-1.726	-59.931
91)	9.60	3.47	0.17	-1.760	-61.233
92)	9.80	3.48	0.17	-1.802	-62.534
93)	10.00	3.48	0.16	-1.820	-63.836
94)	11.00	3.50	0.14	-1.988	-70.344
95)	12.00	3.53	0.11	-2.198	-76.852
96)	13.00	3.55	0.09	-2.453	-83.359
97)	14.00	3.57	0.07	-2.703	-89.867
98)	15.00	3.59	0.05	-3.037	-96.375

SLUG TEST DATA ENTRY FORM

Client Name: O & R Utilities, Inc.

Well Number: MW-5

Test Type: Slug

Project No.: 38301.3

Gnd. Elev.: 68.8

Weather: cold, clear

Project Name: West Nyack Service Yard

Tested By: MAW

Date Started: 12/29/95

BASIC TEST DATA	
Measurement Units (1-6):	2
Unconfined(1)/Confined(2):	1
Well Depth - TOC (feet):	15.07
Static W/L-Depth (ft.):	6.59
Riser Pipe Diameter (feet):	0.167
Initial Test Depth Value (ft.):	5.95
TOC Elevation (feet):	68.76
Intake/Soil Col. Diam. (feet):	0.75
Depth to Top of Pack (feet):	4
Pack/Soil Col. Length (ft.):	11
Saturat. Col. Thickness (ft.):	8.17
Casing Soil Length (if appl.):	NA
Casing Stickup (feet):	-0.24
Slug Volume (ft ³):	0.134
Thickness of Aquifer (feet):	25

AQUIFER RECOVERY DATA							
Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)
0	6.586	0.25	6.13	4	6.298		
0.01	6.586	0.26	6.13	5	6.323		
0.02	6.567	0.27	6.133	6	6.352		
0.03	6.51	0.28	6.133	7	6.374		
0.04	6.004	0.29	6.137	8	6.384		
0.05	5.972	0.3	6.14	9	6.403		
0.06	5.915	0.31	6.14	10	6.418		
0.07	5.981	0.32	6.14	11	6.431		
0.08	5.947	0.33	6.14	12	6.444		
0.09	6.105	0.35	6.143	13	6.447		
0.1	6.073	0.4	6.146	14	6.456		
0.11	6.067	0.45	6.152	15	6.463		
0.12	6.076	0.5	6.156	16	6.469		
0.13	6.089	0.55	6.159	17	6.472		
0.14	6.095	0.6	6.162	18	6.479		
0.15	6.102	0.65	6.168	19	6.488		
0.16	6.105	0.7	6.171	20	6.494		
0.17	6.111	0.75	6.175	25	6.507		
0.18	6.111	0.8	6.178	30	6.514		
0.19	6.114	0.85	6.181	35	6.526		
0.2	6.118	0.9	6.184	40	6.523		
0.21	6.121	0.95	6.187	45	6.536		
0.22	6.124	1	6.19	50	6.542		
0.23	6.127	2	6.238	55	6.542		
0.24	6.127	3	6.273	60	6.545		

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

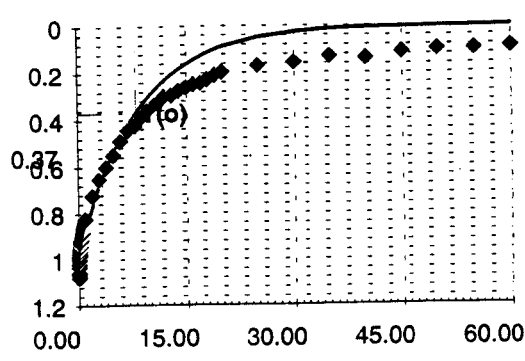
Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-5

Test Type:	7	1 to 7			
Riser Pipe Diameter:	0.167	feet			
Intake Diam.:	0.75	feet			
Pack Length:	11	feet			
Water Table Depth:	6.59	feet			
Line Fit Starting No.:	10	Min 1 to			
Line Fit Ending No.:	54	Max 75			
Entrapped Air Correct.:	N	Y or N			
Specify Output Units:	7	1 to 9			
K(h):	6.73E-05	cm./sec.			
Basic Time Lag (min.):	8.09				
Correlation Coefficient:	0.9758				
Meas. No.	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Hi/H-HO)	Regression To LN(Hi/H-HO)
1)	0.00	6.59	0.00	-4.7979	-0.0200
2)	0.01	6.59	0.00	-4.7979	-0.0212
3)	0.02	6.57	0.02	-3.0487	-0.0224
4)	0.03	6.51	0.08	-1.8021	-0.0236
5)	0.04	6.00	0.59	0.1892	-0.0248
6)	0.05	5.97	0.62	0.2423	-0.0260
7)	0.06	5.92	0.68	0.3306	-0.0272
8)	0.07	5.98	0.61	0.2277	-0.0284
9)	0.08	5.95	0.64	0.2820	-0.0296
10)	0.09	6.11	0.48	0.0000	-0.0308
11)	0.10	6.07	0.52	0.0639	-0.0320
12)	0.11	6.07	0.52	0.0754	-0.0332
13)	0.12	6.08	0.51	0.0581	-0.0344
14)	0.13	6.09	0.50	0.0325	-0.0356
15)	0.14	6.10	0.50	0.0204	-0.0368
16)	0.15	6.10	0.49	0.0062	-0.0380
17)	0.16	6.11	0.48	0.0000	-0.0392
18)	0.17	6.11	0.48	-0.0124	-0.0404
19)	0.18	6.11	0.48	-0.0124	-0.0416
20)	0.19	6.11	0.48	-0.0187	-0.0428
21)	0.20	6.12	0.47	-0.0272	-0.0440
22)	0.21	6.12	0.47	-0.0335	-0.0452
23)	0.22	6.12	0.47	-0.0400	-0.0464
24)	0.23	6.13	0.46	-0.0464	-0.0476
25)	0.24	6.13	0.46	-0.0464	-0.0488
26)	0.25	6.13	0.46	-0.0529	-0.0500
27)	0.26	6.13	0.46	-0.0529	-0.0512
28)	0.27	6.13	0.46	-0.0595	-0.0524
29)	0.28	6.13	0.46	-0.0595	-0.0536
30)	0.29	6.14	0.45	-0.0683	-0.0548
31)	0.30	6.14	0.45	-0.0749	-0.0560
32)	0.31	6.14	0.45	-0.0749	-0.0572
33)	0.32	6.14	0.45	-0.0749	-0.0584
34)	0.33	6.14	0.45	-0.0749	-0.0596

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-5

35)	0.35	6.14	0.45	-0.0816	-0.0620
36)	0.40	6.15	0.44	-0.0883	-0.0680
37)	0.45	6.15	0.44	-0.1019	-0.0740
38)	0.50	6.16	0.43	-0.1111	-0.0800
39)	0.55	6.16	0.43	-0.1180	-0.0860
40)	0.60	6.16	0.43	-0.1250	-0.0920
41)	0.65	6.17	0.42	-0.1391	-0.0980
42)	0.70	6.17	0.42	-0.1463	-0.1040
43)	0.75	6.18	0.42	-0.1559	-0.1100
44)	0.80	6.18	0.41	-0.1631	-0.1159
45)	0.85	6.18	0.41	-0.1704	-0.1219
46)	0.90	6.18	0.41	-0.1778	-0.1279
47)	0.95	6.19	0.40	-0.1852	-0.1339
48)	1.00	6.19	0.40	-0.1927	-0.1399
49)	2.00	6.24	0.35	-0.3205	-0.2598
50)	3.00	6.27	0.32	-0.4252	-0.3797
51)	4.00	6.30	0.29	-0.5074	-0.4995
52)	5.00	6.32	0.27	-0.5969	-0.6194
53)	6.00	6.35	0.24	-0.7119	-0.7393
54)	7.00	6.37	0.22	-0.8089	-0.8591
55)	8.00	6.38	0.21	-0.8563	-0.9790
56)	9.00	6.40	0.19	-0.9530	-1.0989
57)	10.00	6.42	0.17	-1.0367	-1.2187
58)	11.00	6.43	0.16	-1.1152	-1.3386
59)	12.00	6.44	0.15	-1.2005	-1.4585
60)	13.00	6.45	0.14	-1.2213	-1.5784
61)	14.00	6.46	0.13	-1.2863	-1.6982
62)	15.00	6.46	0.13	-1.3400	-1.8181
63)	16.00	6.47	0.12	-1.3884	-1.9380
64)	17.00	6.47	0.12	-1.4135	-2.0578
65)	18.00	6.48	0.11	-1.4746	-2.1777
66)	19.00	6.49	0.10	-1.5592	-2.2976
67)	20.00	6.49	0.10	-1.6198	-2.4174
68)	25.00	6.51	0.08	-1.7653	-3.0168
69)	30.00	6.51	0.08	-1.8534	-3.6161
70)	35.00	6.53	0.06	-2.0253	-4.2155
71)	40.00	6.52	0.07	-1.9795	-4.8148
72)	45.00	6.54	0.05	-2.1952	-5.4142
73)	50.00	6.54	0.05	-2.3129	-6.0135
74)	55.00	6.54	0.05	-2.3129	-6.6129
75)	60.00	6.55	0.04	-2.3775	-7.2122

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

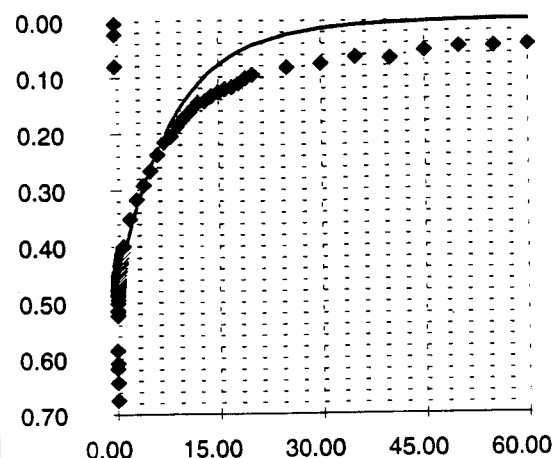
Client Name: O & R Utilities, Inc.

Identification: MW-5

User Name: MAW

Run Date: 12/29/95

Riser Pipe Diameter: 0.167 feet
 Intake Diameter: 0.75 feet
 Screen Length: 11 feet
 Saturated Column Length: 8.17 feet
 Water Table Depth: 6.59 feet
 Aquifer Thickness: 25 feet
 Line Fit Starting No.: 10 Min 1 to
 Line Fit Ending No.: 54 Max 75
 Specify Output Units: 7 1 to 9
 K(h): 3.98E-05 cm./sec.
 Correlation Coefficient: 0.9758



Meas. #	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Yt)	Regression On LN(Yt)
1)	0.00	6.59	0.00	-5.521	-0.744
2)	0.01	6.59	0.00	-5.521	-0.745
3)	0.02	6.57	0.02	-3.772	-0.746
4)	0.03	6.51	0.08	-2.526	-0.747
5)	0.04	6.00	0.59	-0.534	-0.748
6)	0.05	5.97	0.62	-0.481	-0.750
7)	0.06	5.92	0.68	-0.393	-0.751
8)	0.07	5.98	0.61	-0.496	-0.752
9)	0.08	5.95	0.64	-0.442	-0.753
10)	0.09	6.11	0.48	-0.724	-0.754
11)	0.10	6.07	0.52	-0.660	-0.756
12)	0.11	6.07	0.52	-0.648	-0.757
13)	0.12	6.08	0.51	-0.666	-0.758
14)	0.13	6.09	0.50	-0.691	-0.759
15)	0.14	6.10	0.50	-0.703	-0.760
16)	0.15	6.10	0.49	-0.717	-0.762
17)	0.16	6.11	0.48	-0.724	-0.763
18)	0.17	6.11	0.48	-0.736	-0.764
19)	0.18	6.11	0.48	-0.736	-0.765
20)	0.19	6.11	0.48	-0.742	-0.766
21)	0.20	6.12	0.47	-0.751	-0.768
22)	0.21	6.12	0.47	-0.757	-0.769
23)	0.22	6.12	0.47	-0.764	-0.770
24)	0.23	6.13	0.46	-0.770	-0.771
25)	0.24	6.13	0.46	-0.770	-0.772
26)	0.25	6.13	0.46	-0.777	-0.774
27)	0.26	6.13	0.46	-0.777	-0.775
28)	0.27	6.13	0.46	-0.783	-0.776
29)	0.28	6.13	0.46	-0.783	-0.777
30)	0.29	6.14	0.45	-0.792	-0.778
31)	0.30	6.14	0.45	-0.799	-0.780
32)	0.31	6.14	0.45	-0.799	-0.781
33)	0.32	6.14	0.45	-0.799	-0.782
34)	0.33	6.14	0.45	-0.799	-0.783

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Identification: MW-5

35)	0.35	6.14	0.45	-0.805	-0.786
36)	0.40	6.15	0.44	-0.812	-0.792
37)	0.45	6.15	0.44	-0.826	-0.798
38)	0.50	6.16	0.43	-0.835	-0.804
39)	0.55	6.16	0.43	-0.842	-0.810
40)	0.60	6.16	0.43	-0.849	-0.816
41)	0.65	6.17	0.42	-0.863	-0.822
42)	0.70	6.17	0.42	-0.870	-0.828
43)	0.75	6.18	0.42	-0.879	-0.834
44)	0.80	6.18	0.41	-0.887	-0.840
45)	0.85	6.18	0.41	-0.894	-0.846
46)	0.90	6.18	0.41	-0.901	-0.852
47)	0.95	6.19	0.40	-0.909	-0.858
48)	1.00	6.19	0.40	-0.916	-0.864
49)	2.00	6.24	0.35	-1.044	-0.983
50)	3.00	6.27	0.32	-1.149	-1.103
51)	4.00	6.30	0.29	-1.231	-1.223
52)	5.00	6.32	0.27	-1.321	-1.343
53)	6.00	6.35	0.24	-1.435	-1.463
54)	7.00	6.37	0.22	-1.532	-1.583
55)	8.00	6.38	0.21	-1.580	-1.703
56)	9.00	6.40	0.19	-1.677	-1.822
57)	10.00	6.42	0.17	-1.760	-1.942
58)	11.00	6.43	0.16	-1.839	-2.062
59)	12.00	6.44	0.15	-1.924	-2.182
60)	13.00	6.45	0.14	-1.945	-2.302
61)	14.00	6.46	0.13	-2.010	-2.422
62)	15.00	6.46	0.13	-2.064	-2.542
63)	16.00	6.47	0.12	-2.112	-2.662
64)	17.00	6.47	0.12	-2.137	-2.781
65)	18.00	6.48	0.11	-2.198	-2.901
66)	19.00	6.49	0.10	-2.283	-3.021
67)	20.00	6.49	0.10	-2.343	-3.141
68)	25.00	6.51	0.08	-2.489	-3.740
69)	30.00	6.51	0.08	-2.577	-4.340
70)	35.00	6.53	0.06	-2.749	-4.939
71)	40.00	6.52	0.07	-2.703	-5.538
72)	45.00	6.54	0.05	-2.919	-6.138
73)	50.00	6.54	0.05	-3.037	-6.737
74)	55.00	6.54	0.05	-3.037	-7.336
75)	60.00	6.55	0.04	-3.101	-7.936

SLUG TEST DATA ENTRY FORM

Client Name: O &R Utilities, Inc.

Well Number: MW-8S

Test Type: Slug

Project No.: 38301.3

Gnd. Elev.: 62.9

Weather: cold, clear

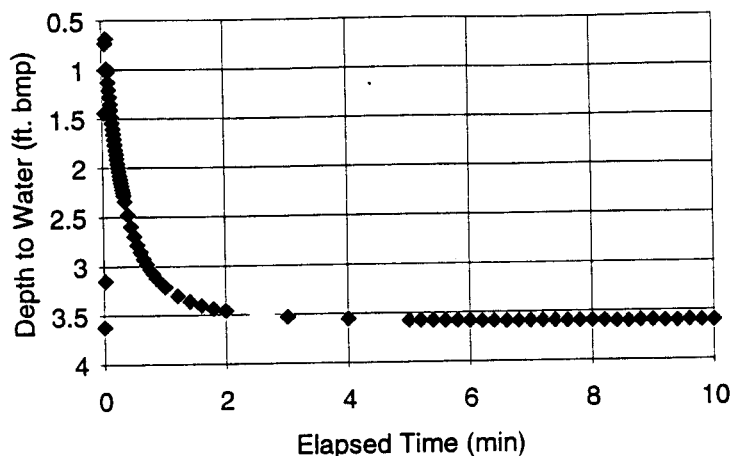
Project Name: West Nyack Service Yard

Tested By: MAW

Date Started: 12/29/95

BASIC TEST DATA

Measurement Units (1-6):	2
Unconfined(1)/Confined(2):	1
Well Depth - TOC (feet):	14.25
Static W/L-Depth (ft.):	3.62
Riser Pipe Diameter (feet):	0.167
Initial Test Depth Value (ft.):	0.687
TOC Elevation (feet):	62.49
Intake/Soil Col. Diam. (feet):	0.75
Depth to Top of Pack (feet):	4
Pack/Soil Col. Length (ft.):	11.5
Saturat. Col. Thickness (ft.):	11.46
Casing Soil Length (if appl.):	NA
Casing Stickup (feet):	-0.42
Slug Volume (ft ³):	0.134
Thickness of Aquifer (feet):	25



AQUIFER RECOVERY DATA

Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)
0	3.623	0.27	2.08	2	3.461	9.4	3.604
0.02	3.154	0.28	2.118	3	3.528	9.6	3.6
0.04	1.441	0.29	2.156	4	3.556	9.8	3.604
0.05	0.997	0.3	2.188	5	3.578	10	3.604
0.06	0.734	0.31	2.223	5.2	3.578	11	3.604
0.07	0.687	0.32	2.254	5.4	3.581	12	3.604
0.08	0.991	0.33	2.286	5.6	3.585	13	3.607
0.09	1.026	0.35	2.343	5.8	3.585	14	3.607
0.1	1.13	0.4	2.483	6	3.588	15	3.61
0.11	1.209	0.45	2.6	6.2	3.591	16	3.607
0.12	1.282	0.5	2.698	6.4	3.591	17	3.61
0.13	1.355	0.55	2.787	6.6	3.594	18	3.61
0.14	1.415	0.6	2.859	6.8	3.594	19	3.61
0.15	1.485	0.65	2.926	7	3.597	20	3.61
0.16	1.548	0.7	2.983	7.2	3.597	21	3.61
0.17	1.605	0.75	3.034	7.4	3.597	22	3.61
0.18	1.659	0.8	3.078	7.6	3.6	23	3.61
0.19	1.713	0.85	3.119	7.8	3.6	24	3.61
0.2	1.767	0.9	3.154	8	3.6	25	3.705
0.21	1.821	0.95	3.189	8.2	3.6	26	3.708
0.22	1.865	1	3.214	8.4	3.604	27	3.708
0.23	1.912	1.2	3.306	8.6	3.604	28	3.711
0.24	1.96	1.4	3.366	8.8	3.6		
0.25	2.001	1.6	3.407	9	3.6		
0.26	2.039	1.8	3.439	9.2	3.604		

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

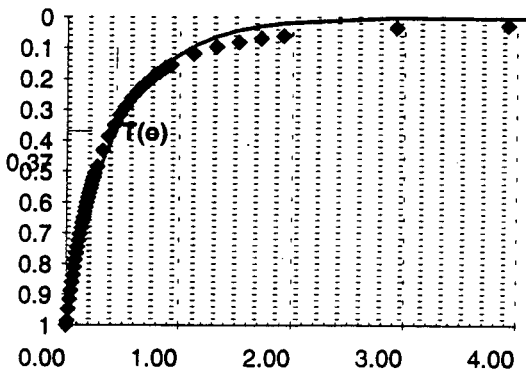
Client Name: O & R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-8S

Test Type:		7	1 to 7
Riser Pipe Diameter:		0.167	feet
Intake Diam.:		0.75	feet
Pack Length:		11.5	feet
Water Table Depth:		3.62	feet
Line Fit Starting No.:		7	Min 1 to
Line Fit Ending No.:		47	Max 97
Entrapped Air Correct.:		N	Y or N
Specify Output Units:		7	1 to 9
K(h):		1.19E-03	cm./sec.
Basic Time Lag (min.):		0.44	
Correlation Coefficient:		0.9924	



Meas. No.	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Hi/H-HO)	Regression To LN(Hi/H-HO)
1)	0.00	3.62	0.00	-6.7757	0.0440
2)	0.02	3.15	0.47	-1.7302	0.0040
3)	0.04	1.44	2.18	-0.1877	-0.0360
4)	0.05	1.00	2.62	-0.0023	-0.0560
5)	0.06	0.73	2.89	0.0933	-0.0760
6)	0.07	0.69	2.93	0.1094	-0.0960
7)	0.08	0.99	2.63	0.0000	-0.1160
8)	0.09	1.03	2.59	-0.0134	-0.1360
9)	0.10	1.13	2.49	-0.0543	-0.1560
10)	0.11	1.21	2.41	-0.0866	-0.1760
11)	0.12	1.28	2.34	-0.1173	-0.1960
12)	0.13	1.36	2.27	-0.1490	-0.2160
13)	0.14	1.42	2.21	-0.1759	-0.2360
14)	0.15	1.49	2.14	-0.2081	-0.2560
15)	0.16	1.55	2.07	-0.2381	-0.2760
16)	0.17	1.61	2.02	-0.2660	-0.2960
17)	0.18	1.66	1.96	-0.2931	-0.3160
18)	0.19	1.71	1.91	-0.3211	-0.3360
19)	0.20	1.77	1.85	-0.3498	-0.3560
20)	0.21	1.82	1.80	-0.3794	-0.3760
21)	0.22	1.87	1.76	-0.4041	-0.3960
22)	0.23	1.91	1.71	-0.4313	-0.4160
23)	0.24	1.96	1.66	-0.4598	-0.4360
24)	0.25	2.00	1.62	-0.4848	-0.4560
25)	0.26	2.04	1.58	-0.5085	-0.4760
26)	0.27	2.08	1.54	-0.5348	-0.4960
27)	0.28	2.12	1.50	-0.5598	-0.5160
28)	0.29	2.16	1.46	-0.5854	-0.5360
29)	0.30	2.19	1.43	-0.6075	-0.5560
30)	0.31	2.22	1.40	-0.6323	-0.5760
31)	0.32	2.25	1.37	-0.6547	-0.5960
32)	0.33	2.29	1.33	-0.6784	-0.6160
33)	0.35	2.34	1.28	-0.7221	-0.6560
34)	0.40	2.48	1.14	-0.8382	-0.7560

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-8S

35)	0.45	2.60	1.02	-0.9468	-0.8560
36)	0.50	2.70	0.92	-1.0478	-0.9560
37)	0.55	2.79	0.83	-1.1493	-1.0560
38)	0.60	2.86	0.76	-1.2397	-1.1560
39)	0.65	2.93	0.69	-1.3319	-1.2560
40)	0.70	2.98	0.64	-1.4176	-1.3560
41)	0.75	3.03	0.59	-1.5010	-1.4560
42)	0.80	3.08	0.54	-1.5791	-1.5560
43)	0.85	3.12	0.50	-1.6578	-1.6560
44)	0.90	3.15	0.47	-1.7302	-1.7560
45)	0.95	3.19	0.43	-1.8083	-1.8560
46)	1.00	3.21	0.41	-1.8680	-1.9560
47)	1.20	3.31	0.31	-2.1250	-2.3560
48)	1.40	3.37	0.25	-2.3370	-2.7560
49)	1.60	3.41	0.21	-2.5131	-3.1560
50)	1.80	3.44	0.18	-2.6759	-3.5560
51)	2.00	3.46	0.16	-2.8055	-3.9560
52)	3.00	3.53	0.09	-3.3526	-5.9559
53)	4.00	3.56	0.06	-3.7155	-7.9559
54)	5.00	3.58	0.04	-4.1367	-9.9558
55)	5.20	3.58	0.04	-4.1367	-10.3558
56)	5.40	3.58	0.04	-4.2108	-10.7558
57)	5.60	3.59	0.04	-4.3190	-11.1558
58)	5.80	3.59	0.04	-4.3190	-11.5558
59)	6.00	3.59	0.03	-4.4086	-11.9558
60)	6.20	3.59	0.03	-4.5071	-12.3558
61)	6.40	3.59	0.03	-4.5071	-12.7558
62)	6.60	3.59	0.03	-4.6163	-13.1558
63)	6.80	3.59	0.03	-4.6163	-13.5558
64)	7.00	3.60	0.02	-4.7389	-13.9558
65)	7.20	3.60	0.02	-4.7389	-14.3558
66)	7.40	3.60	0.02	-4.7389	-14.7558
67)	7.60	3.60	0.02	-4.8786	-15.1558
68)	7.80	3.60	0.02	-4.8786	-15.5557
69)	8.00	3.60	0.02	-4.8786	-15.9557
70)	8.20	3.60	0.02	-4.8786	-16.3557
71)	8.40	3.60	0.02	-5.1018	-16.7557
72)	8.60	3.60	0.02	-5.1018	-17.1557
73)	8.80	3.60	0.02	-4.8786	-17.5557
74)	9.00	3.60	0.02	-4.8786	-17.9557
75)	9.20	3.60	0.02	-5.1018	-18.3557
76)	9.40	3.60	0.02	-5.1018	-18.7557
77)	9.60	3.60	0.02	-4.8786	-19.1557
78)	9.80	3.60	0.02	-5.1018	-19.5557
79)	10.00	3.60	0.02	-5.1018	-19.9557
80)	11.00	3.60	0.02	-5.1018	-21.9556
81)	12.00	3.60	0.02	-5.1018	-23.9556
82)	13.00	3.61	0.01	-5.3094	-25.9556

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-8S

83)	14.00	3.61	0.01	-5.3094	-27.9555
84)	15.00	3.61	0.01	-5.5718	-29.9555
85)	16.00	3.61	0.01	-5.3094	-31.9554
86)	17.00	3.61	0.01	-5.5718	-33.9554
87)	18.00	3.61	0.01	-5.5718	-35.9554
88)	19.00	3.61	0.01	-5.5718	-37.9553
89)	20.00	3.61	0.01	-5.5718	-39.9553
90)	21.00	3.61	0.01	-5.5718	-41.9553
91)	22.00	3.61	0.01	-5.5718	-43.9552
92)	23.00	3.61	0.01	-5.5718	-45.9552
93)	24.00	3.61	0.01	-5.5718	-47.9552
94)	25.00	3.71	0.09	-3.4317	-49.9551
95)	26.00	3.71	0.09	-3.3970	-51.9551
96)	27.00	3.71	0.09	-3.3970	-53.9551
97)	28.00	3.71	0.09	-3.3635	-55.9550

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

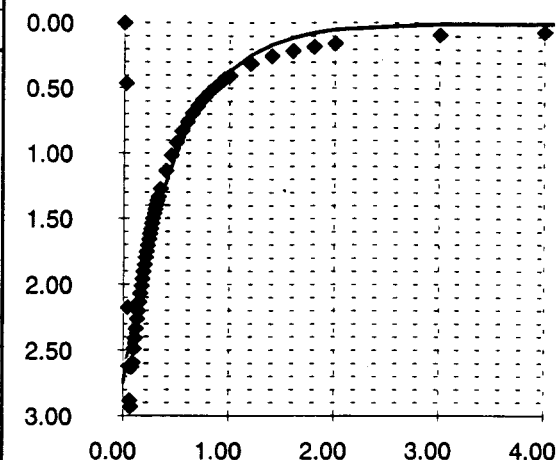
Client Name: O & R Utilities, Inc.

Identification: MW-8S

User Name: MAW

Run Date: 12/29/95

Riser Pipe Diameter:	0.167	feet
Intake Diameter:	0.75	feet
Screen Length:	11.5	feet
Saturated Column Length:	11.46	feet
Water Table Depth:	3.62	feet
Aquifer Thickness:	25	feet
Line Fit Starting No.:	7	Min 1 to
Line Fit Ending No.:	47	Max 97
Specify Output Units:	7	1 to 9
K(h):	6.94E-04	cm./sec.
Correlation Coefficient:	0.9924	



Meas. #	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Yt)	Regression On LN(Yt)
1)	0.00	3.62	0.00	-5.809	1.011
2)	0.02	3.15	0.47	-0.764	0.971
3)	0.04	1.44	2.18	0.779	0.931
4)	0.05	1.00	2.62	0.964	0.911
5)	0.06	0.73	2.89	1.060	0.891
6)	0.07	0.69	2.93	1.076	0.871
7)	0.08	0.99	2.63	0.967	0.851
8)	0.09	1.03	2.59	0.953	0.831
9)	0.10	1.13	2.49	0.912	0.811
10)	0.11	1.21	2.41	0.880	0.791
11)	0.12	1.28	2.34	0.849	0.771
12)	0.13	1.36	2.27	0.818	0.751
13)	0.14	1.42	2.21	0.791	0.731
14)	0.15	1.49	2.14	0.758	0.711
15)	0.16	1.55	2.07	0.729	0.691
16)	0.17	1.61	2.02	0.701	0.671
17)	0.18	1.66	1.96	0.673	0.651
18)	0.19	1.71	1.91	0.646	0.631
19)	0.20	1.77	1.85	0.617	0.611
20)	0.21	1.82	1.80	0.587	0.591
21)	0.22	1.87	1.76	0.562	0.571
22)	0.23	1.91	1.71	0.535	0.551
23)	0.24	1.96	1.66	0.507	0.531
24)	0.25	2.00	1.62	0.482	0.511
25)	0.26	2.04	1.58	0.458	0.491
26)	0.27	2.08	1.54	0.432	0.471
27)	0.28	2.12	1.50	0.407	0.451
28)	0.29	2.16	1.46	0.381	0.431
29)	0.30	2.19	1.43	0.359	0.411
30)	0.31	2.22	1.40	0.334	0.391
31)	0.32	2.25	1.37	0.312	0.371
32)	0.33	2.29	1.33	0.288	0.351
33)	0.35	2.34	1.28	0.245	0.311
34)	0.40	2.48	1.14	0.128	0.211

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Identification: MW-8S

35)	0.45	2.60	1.02	0.020	0.111
36)	0.50	2.70	0.92	-0.081	0.011
37)	0.55	2.79	0.83	-0.183	-0.089
38)	0.60	2.86	0.76	-0.273	-0.189
39)	0.65	2.93	0.69	-0.365	-0.289
40)	0.70	2.98	0.64	-0.451	-0.389
41)	0.75	3.03	0.59	-0.534	-0.489
42)	0.80	3.08	0.54	-0.612	-0.589
43)	0.85	3.12	0.50	-0.691	-0.689
44)	0.90	3.15	0.47	-0.764	-0.789
45)	0.95	3.19	0.43	-0.842	-0.889
46)	1.00	3.21	0.41	-0.901	-0.989
47)	1.20	3.31	0.31	-1.158	-1.389
48)	1.40	3.37	0.25	-1.370	-1.789
49)	1.60	3.41	0.21	-1.546	-2.189
50)	1.80	3.44	0.18	-1.709	-2.589
51)	2.00	3.46	0.16	-1.839	-2.989
52)	3.00	3.53	0.09	-2.386	-4.989
53)	4.00	3.56	0.06	-2.749	-6.989
54)	5.00	3.58	0.04	-3.170	-8.989
55)	5.20	3.58	0.04	-3.170	-9.389
56)	5.40	3.58	0.04	-3.244	-9.789
57)	5.60	3.59	0.04	-3.352	-10.189
58)	5.80	3.59	0.04	-3.352	-10.589
59)	6.00	3.59	0.03	-3.442	-10.989
60)	6.20	3.59	0.03	-3.540	-11.389
61)	6.40	3.59	0.03	-3.540	-11.789
62)	6.60	3.59	0.03	-3.650	-12.189
63)	6.80	3.59	0.03	-3.650	-12.589
64)	7.00	3.60	0.02	-3.772	-12.989
65)	7.20	3.60	0.02	-3.772	-13.389
66)	7.40	3.60	0.02	-3.772	-13.789
67)	7.60	3.60	0.02	-3.912	-14.189
68)	7.80	3.60	0.02	-3.912	-14.589
69)	8.00	3.60	0.02	-3.912	-14.989
70)	8.20	3.60	0.02	-3.912	-15.389
71)	8.40	3.60	0.02	-4.135	-15.789
72)	8.60	3.60	0.02	-4.135	-16.189
73)	8.80	3.60	0.02	-3.912	-16.589
74)	9.00	3.60	0.02	-3.912	-16.989
75)	9.20	3.60	0.02	-4.135	-17.389
76)	9.40	3.60	0.02	-4.135	-17.789
77)	9.60	3.60	0.02	-3.912	-18.189
78)	9.80	3.60	0.02	-4.135	-18.589
79)	10.00	3.60	0.02	-4.135	-18.989
80)	11.00	3.60	0.02	-4.135	-20.989
81)	12.00	3.60	0.02	-4.135	-22.989
82)	13.00	3.61	0.01	-4.343	-24.989
83)	14.00	3.61	0.01	-4.343	-26.989
84)	15.00	3.61	0.01	-4.605	-28.989
85)	16.00	3.61	0.01	-4.343	-30.989
86)	17.00	3.61	0.01	-4.605	-32.989
87)	18.00	3.61	0.01	-4.605	-34.989

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Identification: MW-8S

88)	19.00	3.61	0.01	-4.605	-36.989
89)	20.00	3.61	0.01	-4.605	-38.989
90)	21.00	3.61	0.01	-4.605	-40.989
91)	22.00	3.61	0.01	-4.605	-42.989
92)	23.00	3.61	0.01	-4.605	-44.989
93)	24.00	3.61	0.01	-4.605	-46.989
94)	25.00	3.71	0.09	-2.465	-48.989
95)	26.00	3.71	0.09	-2.430	-50.988
96)	27.00	3.71	0.09	-2.430	-52.988
97)	28.00	3.71	0.09	-2.397	-54.988

I.2

Bedrock Interface Monitoring Wells

SLUG TEST DATA ENTRY FORM

Client Name: O & R Utilities, Inc. Well Number: MW-5B Test Type: Slug
 Project No.: 38301.3 Gnd. Elev.: 68.9 Weather: cold, clear
 Project Name: West Nyack Service Yard Tested By: MAW Date Started: 12/29/95

BASIC TEST DATA	
Measurement Units (1-6):	2
Unconfined(1)/Confined(2):	1
Well Depth - TOC (feet):	44.25
Static W/L-Depth (ft.):	9.05
Riser Pipe Diameter (feet):	0.167
Initial Test Depth Value (ft.):	3.97
TOC Elevation (feet):	68.78
Intake/Soil Col. Diam. (feet):	0.8
Depth to Top of Pack (feet):	41
Pack/Soil Col. Length (ft.):	9.5
Saturat. Col. Thickness (ft.):	41.25
Casing Soil Length (if appl.):	NA
Casing Stickup (feet):	-0.2
Slug Volume (ft ³):	0.134
Thickness of Aquifer (feet):	50

AQUIFER RECOVERY DATA							
Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)
0	9.034	0.25	6.018	4	9.034		
0.01	8.936	0.26	6.097				
0.02	6.841	0.27	6.173				
0.03	5.905	0.28	6.245				
0.04	5.321	0.29	6.321				
0.05	4.431	0.3	6.39				
0.06	4.394	0.31	6.457				
0.07	3.965	0.32	6.526				
0.08	4.375	0.33	6.589				
0.09	4.589	0.35	6.722				
0.1	4.599	0.4	7.015				
0.11	4.715	0.45	7.274				
0.12	4.835	0.5	7.504				
0.13	4.933	0.55	7.703				
0.14	5.024	0.6	7.876				
0.15	5.125	0.65	8.027				
0.16	5.226	0.7	8.157				
0.17	5.324	0.75	8.267				
0.18	5.422	0.8	8.365				
0.19	5.51	0.85	8.447				
0.2	5.599	0.9	8.516				
0.21	5.684	0.95	8.576				
0.22	5.772	1	8.627				
0.23	5.857	2	8.974				
0.24	5.939	3	9.021				

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

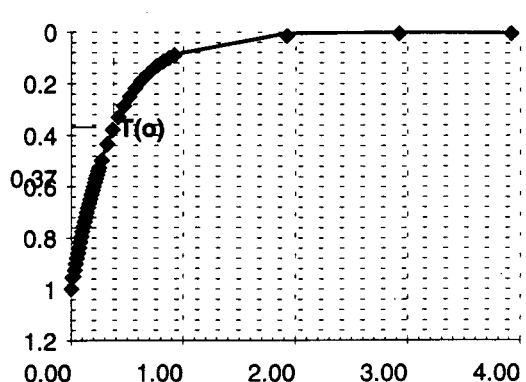
Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-5B

Test Type: 7		1 to 7			
Riser Pipe Diameter: 0.167		feet			
Intake Diam.: 0.8		feet			
Pack Length: 9.5		feet			
Water Table Depth: 9.05		feet			
Line Fit Starting No.: 9		Min 1 to			
Line Fit Ending No.: 45		Max 51			
Entrapped Air Correct.: Y		Y or N			
Specify Output Units: 7		1 to 9			
K(h): 3.39E-01		cm./sec.			
Basic Time Lag (min.): 0.38					
Correlation Coefficient: 0.9999					
Meas. No.	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Hi/H-HO)	Regression To LN(Hi/H-HO)
1)	0.00	9.03	0.02	-5.6774	0.2286
2)	0.01	8.94	0.11	-3.7138	0.2018
3)	0.02	6.84	2.21	-0.7497	0.1750
4)	0.03	5.91	3.15	-0.3964	0.1483
5)	0.04	5.32	3.73	-0.2261	0.1215
6)	0.05	4.43	4.62	-0.0121	0.0948
7)	0.06	4.39	4.66	-0.0041	0.0680
8)	0.07	3.97	5.09	0.0841	0.0413
9)	0.08	4.38	4.68	0.0000	0.0145
10)	0.09	4.59	4.46	-0.0469	-0.0122
11)	0.10	4.60	4.45	-0.0491	-0.0390
12)	0.11	4.72	4.34	-0.0755	-0.0657
13)	0.12	4.84	4.22	-0.1036	-0.0925
14)	0.13	4.93	4.12	-0.1271	-0.1192
15)	0.14	5.02	4.03	-0.1495	-0.1460
16)	0.15	5.13	3.93	-0.1749	-0.1727
17)	0.16	5.23	3.82	-0.2009	-0.1995
18)	0.17	5.32	3.73	-0.2269	-0.2262
19)	0.18	5.42	3.63	-0.2535	-0.2530
20)	0.19	5.51	3.54	-0.2781	-0.2798
21)	0.20	5.60	3.45	-0.3036	-0.3065
22)	0.21	5.68	3.37	-0.3285	-0.3333
23)	0.22	5.77	3.28	-0.3550	-0.3600
24)	0.23	5.86	3.19	-0.3813	-0.3868
25)	0.24	5.94	3.11	-0.4073	-0.4135
26)	0.25	6.02	3.03	-0.4330	-0.4403
27)	0.26	6.10	2.95	-0.4594	-0.4670
28)	0.27	6.17	2.88	-0.4855	-0.4938
29)	0.28	6.25	2.81	-0.5108	-0.5205
30)	0.29	6.32	2.73	-0.5383	-0.5473
31)	0.30	6.39	2.66	-0.5639	-0.5740
32)	0.31	6.46	2.59	-0.5894	-0.6008
33)	0.32	6.53	2.52	-0.6164	-0.6275
34)	0.33	6.59	2.46	-0.6417	-0.6543

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-5B

35)	0.35	6.72	2.33	-0.6972	-0.7078
36)	0.40	7.02	2.04	-0.8317	-0.8416
37)	0.45	7.27	1.78	-0.9679	-0.9753
38)	0.50	7.50	1.55	-1.1066	-1.1091
39)	0.55	7.70	1.35	-1.2443	-1.2429
40)	0.60	7.88	1.17	-1.3818	-1.3766
41)	0.65	8.03	1.02	-1.5195	-1.5104
42)	0.70	8.16	0.89	-1.6554	-1.6442
43)	0.75	8.27	0.78	-1.7869	-1.7779
44)	0.80	8.37	0.69	-1.9206	-1.9117
45)	0.85	8.45	0.60	-2.0481	-2.0455
46)	0.90	8.52	0.53	-2.1696	-2.1792
47)	0.95	8.58	0.47	-2.2888	-2.3130
48)	1.00	8.63	0.42	-2.4026	-2.4467
49)	2.00	8.97	0.08	-4.1193	-5.1220
50)	3.00	9.02	0.03	-5.0827	-7.7974
51)	4.00	9.03	0.02	-5.6774	-10.4727

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

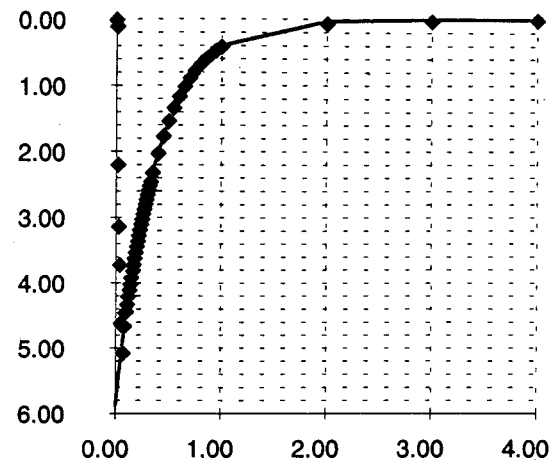
Client Name: O & R Utilities, Inc.

Identification: MW-5B

User Name: MAW

Run Date: 12/29/95

Riser Pipe Diameter:	0.167	feet
Intake Diameter:	0.8	feet
Screen Length:	9.5	feet
Saturated Column Length:	41.25	feet
Water Table Depth:	9.05	feet
Aquifer Thickness:	50	feet
Line Fit Starting No.:	9	Min 1 to
Line Fit Ending No.:	45	Max 51
Specify Output Units:	7	1 to 9
K(h):	1.34E-03	cm./sec.
Correlation Coefficient:	0.9999	



Meas. #	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Yt)	Regression On LN(Yt)
1)	0.00	9.03	0.02	-4.135	1.771
2)	0.01	8.94	0.11	-2.172	1.744
3)	0.02	6.84	2.21	0.793	1.717
4)	0.03	5.91	3.15	1.146	1.691
5)	0.04	5.32	3.73	1.316	1.664
6)	0.05	4.43	4.62	1.530	1.637
7)	0.06	4.39	4.66	1.538	1.610
8)	0.07	3.97	5.09	1.626	1.584
9)	0.08	4.38	4.68	1.542	1.557
10)	0.09	4.59	4.46	1.495	1.530
11)	0.10	4.60	4.45	1.493	1.503
12)	0.11	4.72	4.34	1.467	1.477
13)	0.12	4.84	4.22	1.439	1.450
14)	0.13	4.93	4.12	1.415	1.423
15)	0.14	5.02	4.03	1.393	1.396
16)	0.15	5.13	3.93	1.367	1.369
17)	0.16	5.23	3.82	1.341	1.343
18)	0.17	5.32	3.73	1.315	1.316
19)	0.18	5.42	3.63	1.289	1.289
20)	0.19	5.51	3.54	1.264	1.262
21)	0.20	5.60	3.45	1.239	1.236
22)	0.21	5.68	3.37	1.214	1.209
23)	0.22	5.77	3.28	1.187	1.182
24)	0.23	5.86	3.19	1.161	1.155
25)	0.24	5.94	3.11	1.135	1.129
26)	0.25	6.02	3.03	1.109	1.102
27)	0.26	6.10	2.95	1.083	1.075
28)	0.27	6.17	2.88	1.057	1.048
29)	0.28	6.25	2.81	1.031	1.022
30)	0.29	6.32	2.73	1.004	0.995
31)	0.30	6.39	2.66	0.978	0.968
32)	0.31	6.46	2.59	0.953	0.941
33)	0.32	6.53	2.52	0.926	0.915
34)	0.33	6.59	2.46	0.901	0.888

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Identification: MW-5B

35)	0.35	6.72	2.33	0.845	0.834
36)	0.40	7.02	2.04	0.710	0.701
37)	0.45	7.27	1.78	0.574	0.567
38)	0.50	7.50	1.55	0.436	0.433
39)	0.55	7.70	1.35	0.298	0.299
40)	0.60	7.88	1.17	0.160	0.166
41)	0.65	8.03	1.02	0.023	0.032
42)	0.70	8.16	0.89	-0.113	-0.102
43)	0.75	8.27	0.78	-0.245	-0.236
44)	0.80	8.37	0.69	-0.378	-0.369
45)	0.85	8.45	0.60	-0.506	-0.503
46)	0.90	8.52	0.53	-0.627	-0.637
47)	0.95	8.58	0.47	-0.747	-0.771
48)	1.00	8.63	0.42	-0.860	-0.905
49)	2.00	8.97	0.08	-2.577	-3.580
50)	3.00	9.02	0.03	-3.540	-6.255
51)	4.00	9.03	0.02	-4.135	-8.930

SLUG TEST DATA ENTRY FORM

Client Name: O & R Utilities, Inc.

Well Number: MW-6

Test Type: Slug

Project No.: 38301.3

Gnd. Elev.: 61.9

Weather: cold, clear

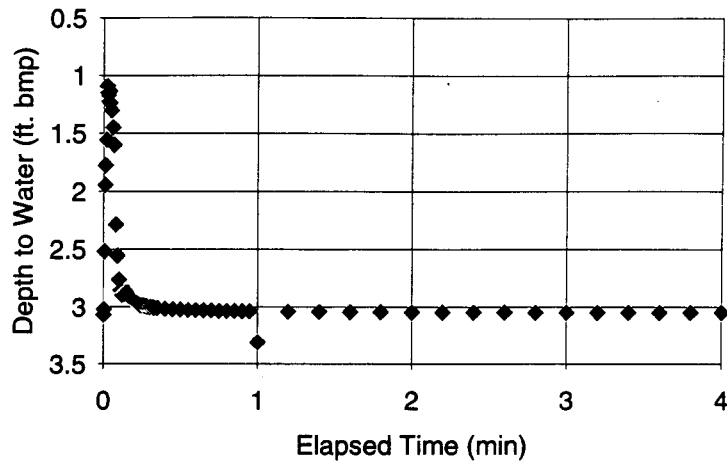
Project Name: West Nyack Service Yard

Tested By: MAW

Date Started: 12/28/95

BASIC TEST DATA

Measurement Units (1-6):	2
Unconfined(1)/Confined(2):	2
Well Depth - TOC (feet):	30.75
Static W/L-Depth (ft.):	3.07
Riser Pipe Diameter (feet):	0.167
Initial Test Depth Value (ft.):	1.092
TOC Elevation (feet):	61.94
Intake/Soil Col. Diam. (feet):	0.75
Depth to Top of Pack (feet):	19.5
Pack/Soil Col. Length (ft.):	11.5
Saturat. Col. Thickness (ft.):	27.46
Casing Soil Length (if appl.):	NA
Casing Stickup (feet):	-0.22
Slug Volume (ft3):	0.134
Thickness of Aquifer (feet):	25



AQUIFER RECOVERY DATA

Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)
0	3.07	0.17	2.896	0.75	3.036	5	3.058
0.0033	3.023	0.18	2.915	0.8	3.036	5.2	3.061
0.0066	2.519	0.19	2.934	0.85	3.036	5.4	3.061
0.01	1.944	0.2	2.953	0.9	3.039	5.6	3.061
0.0133	1.776	0.21	2.966	0.95	3.039	5.8	3.061
0.0166	1.558	0.22	2.975	1	3.309	6	3.061
0.02	1.558	0.23	2.982	1.2	3.042	6.2	3.061
0.0233	1.092	0.24	2.988	1.4	3.042	6.4	3.061
0.0266	1.152	0.25	2.991	1.6	3.045	6.6	3.064
0.03	1.174	0.26	2.991	1.8	3.045	6.8	3.064
0.0333	1.228	0.27	2.994	2	3.048	7	3.064
0.0366	1.139	0.28	2.998	2.2	3.048	7.2	3.064
0.04	1.241	0.29	3.001	2.4	3.048	7.4	3.067
0.05	1.304	0.3	3.004	2.6	3.048	7.6	3.067
0.06	1.45	0.31	3.004	2.8	3.051	7.8	3.067
0.07	1.602	0.32	3.007	3	3.051	8	3.067
0.08	2.288	0.33	3.01	3.2	3.051	8.2	3.067
0.09	2.557	0.35	3.013	3.4	3.051	8.4	3.07
0.1	2.766	0.4	3.02	3.6	3.051	8.6	3.07
0.11	2.858	0.45	3.023	3.8	3.051	8.8	3.07
0.12	2.896	0.5	3.026	4	3.051	9	3.07
0.13	2.89	0.55	3.029	4.2	3.055	9.2	3.07
0.14	2.884	0.6	3.029	4.4	3.055	9.4	3.07
0.15	2.877	0.65	3.032	4.6	3.058		
0.16	2.88	0.7	3.032	4.8	3.058		

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

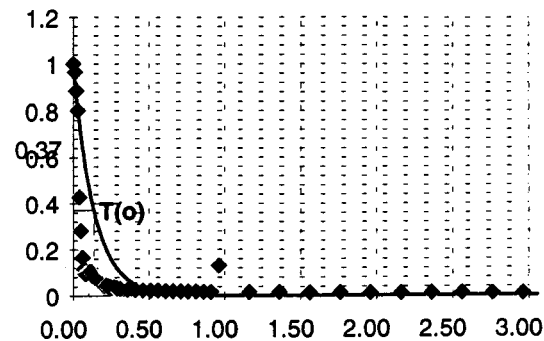
Client Name: O & R Utilities, Inc.

Run Date: 12/28/95

User Name: MAW

Identification: MW-6

Test Type: 7 1 to 7
 Riser Pipe Diameter: 0.167 feet
 Intake Diam.: 0.75 feet
 Pack Length: 11.5 feet
 Water Table Depth: 3.07 feet
 Line Fit Starting No.: 13 Min 1 to
 Line Fit Ending No.: 16 Max 98
 Entrapped Air Correct.: N Y or N
 Specify Output Units: 7 1 to 9
 K(h): 3.86E-03 cm./sec.
 Basic Time Lag (min.): 0.14
 Correlation Coefficient: 0.9811



Meas. No.	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Hi/H-HO)	Regression To LN(Hi/H-HO)
1)	0.00	3.07	0.00	#NUM!	0.3162
2)	0.00	3.02	0.05	-3.6614	0.2916
3)	0.01	2.52	0.55	-1.1998	0.2669
4)	0.01	1.94	1.13	-0.4851	0.2416
5)	0.01	1.78	1.29	-0.3460	0.2170
6)	0.02	1.56	1.51	-0.1903	0.1924
7)	0.02	1.56	1.51	-0.1903	0.1670
8)	0.02	1.09	1.98	0.0783	0.1424
9)	0.03	1.15	1.92	0.0475	0.1178
10)	0.03	1.17	1.90	0.0360	0.0924
11)	0.03	1.23	1.84	0.0071	0.0678
12)	0.04	1.14	1.93	0.0543	0.0432
13)	0.04	1.24	1.83	0.0000	0.0178
14)	0.05	1.30	1.77	-0.0351	-0.0568
15)	0.06	1.45	1.62	-0.1213	-0.1314
16)	0.07	1.60	1.47	-0.2199	-0.2060
17)	0.08	2.29	0.78	-0.8497	-0.2805
18)	0.09	2.56	0.51	-1.2712	-0.3551
19)	0.10	2.77	0.30	-1.7945	-0.4297
20)	0.11	2.86	0.21	-2.1549	-0.5043
21)	0.12	2.90	0.17	-2.3525	-0.5789
22)	0.13	2.89	0.18	-2.3186	-0.6535
23)	0.14	2.88	0.19	-2.2858	-0.7281
24)	0.15	2.88	0.19	-2.2488	-0.8027
25)	0.16	2.88	0.19	-2.2645	-0.8773
26)	0.17	2.90	0.17	-2.3525	-0.9518
27)	0.18	2.92	0.16	-2.4681	-1.0264
28)	0.19	2.93	0.14	-2.5989	-1.1010
29)	0.20	2.95	0.12	-2.7494	-1.1756
30)	0.21	2.97	0.10	-2.8671	-1.2502
31)	0.22	2.98	0.09	-2.9576	-1.3248
32)	0.23	2.98	0.09	-3.0342	-1.3994
33)	0.24	2.99	0.08	-3.1048	-1.4740
34)	0.25	2.99	0.08	-3.1421	-1.5486

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Run Date: 12/28/95

User Name: MAW

Identification: MW-6

35)	0.26	2.99	0.08	-3.1421	-1.6232
36)	0.27	2.99	0.08	-3.1808	-1.6977
37)	0.28	3.00	0.07	-3.2349	-1.7723
38)	0.29	3.00	0.07	-3.2774	-1.8469
39)	0.30	3.00	0.07	-3.3219	-1.9215
40)	0.31	3.00	0.07	-3.3219	-1.9961
41)	0.32	3.01	0.06	-3.3684	-2.0707
42)	0.33	3.01	0.06	-3.4172	-2.1453
43)	0.35	3.01	0.06	-3.4685	-2.2945
44)	0.40	3.02	0.05	-3.5995	-2.6674
45)	0.45	3.02	0.05	-3.6614	-3.0404
46)	0.50	3.03	0.04	-3.7273	-3.4133
47)	0.55	3.03	0.04	-3.7980	-3.7863
48)	0.60	3.03	0.04	-3.7980	-4.1592
49)	0.65	3.03	0.04	-3.8739	-4.5321
50)	0.70	3.03	0.04	-3.8739	-4.9051
51)	0.75	3.04	0.03	-3.9852	-5.2780
52)	0.80	3.04	0.03	-3.9852	-5.6510
53)	0.85	3.04	0.03	-3.9852	-6.0239
54)	0.90	3.04	0.03	-4.0775	-6.3969
55)	0.95	3.04	0.03	-4.0775	-6.7698
56)	1.00	3.31	0.24	-2.0351	-7.1428
57)	1.20	3.04	0.03	-4.1793	-8.6346
58)	1.40	3.04	0.03	-4.1793	-10.1264
59)	1.60	3.05	0.02	-4.2926	-11.6182
60)	1.80	3.05	0.02	-4.2926	-13.1100
61)	2.00	3.05	0.02	-4.4205	-14.6017
62)	2.20	3.05	0.02	-4.4205	-16.0935
63)	2.40	3.05	0.02	-4.4205	-17.5853
64)	2.60	3.05	0.02	-4.4205	-19.0771
65)	2.80	3.05	0.02	-4.5671	-20.5689
66)	3.00	3.05	0.02	-4.5671	-22.0607
67)	3.20	3.05	0.02	-4.5671	-23.5525
68)	3.40	3.05	0.02	-4.5671	-25.0443
69)	3.60	3.05	0.02	-4.5671	-26.5361
70)	3.80	3.05	0.02	-4.5671	-28.0279
71)	4.00	3.05	0.02	-4.5671	-29.5197
72)	4.20	3.06	0.01	-4.8035	-31.0115
73)	4.40	3.06	0.01	-4.8035	-32.5033
74)	4.60	3.06	0.01	-5.0266	-33.9951
75)	4.80	3.06	0.01	-5.0266	-35.4868
76)	5.00	3.06	0.01	-5.0266	-36.9786
77)	5.20	3.06	0.01	-5.3143	-38.4704
78)	5.40	3.06	0.01	-5.3143	-39.9622
79)	5.60	3.06	0.01	-5.3143	-41.4540
80)	5.80	3.06	0.01	-5.3143	-42.9458
81)	6.00	3.06	0.01	-5.3143	-44.4376
82)	6.20	3.06	0.01	-5.3143	-45.9294

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Run Date: 12/28/95

User Name: MAW

Identification: MW-6

83)	6.40	3.06	0.01	-5.3143	-47.4212
84)	6.60	3.06	0.01	-5.7198	-48.9130
85)	6.80	3.06	0.01	-5.7198	-50.4048
86)	7.00	3.06	0.01	-5.7198	-51.8966
87)	7.20	3.06	0.01	-5.7198	-53.3884
88)	7.40	3.07	0.00	-6.4129	-54.8801
89)	7.60	3.07	0.00	-6.4129	-56.3719
90)	7.80	3.07	0.00	-6.4129	-57.8637
91)	8.00	3.07	0.00	-6.4129	-59.3555
92)	8.20	3.07	0.00	-6.4129	-60.8473
93)	8.40	3.07	0.00	#NUM!	-62.3391
94)	8.60	3.07	0.00	#NUM!	-63.8309
95)	8.80	3.07	0.00	#NUM!	-65.3227
96)	9.00	3.07	0.00	#NUM!	-66.8145
97)	9.20	3.07	0.00	#NUM!	-68.3063
98)	9.40	3.07	0.00	#NUM!	-69.7981

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

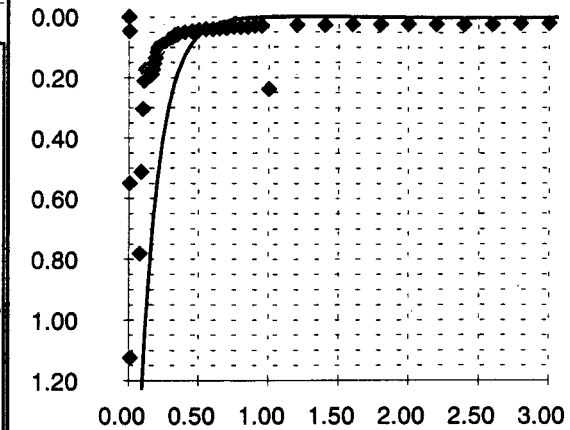
Client Name: O &R Utilities, Inc.

Identification: MW-6

User Name: MAW

Run Date: 12/28/95

Riser Pipe Diameter:	0.167	feet
Intake Diameter:	0.75	feet
Screen Length:	11.5	feet
Saturated Column Length:	27.46	feet
Water Table Depth:	3.07	feet
Aquifer Thickness:	25	feet
Line Fit Starting No.:	13	Min 1 to
Line Fit Ending No.:	16	Max 98
Specify Output Units:	7	1 to 9
K(h):	3.56E-03	cm./sec.
Correlation Coefficient:	0.9811	



Meas. #	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Yt)	Regression On LN(Yt)
1)	0.00	3.07	0.00	#NUM!	0.920
2)	0.00	3.02	0.05	-3.058	0.895
3)	0.01	2.52	0.55	-0.596	0.871
4)	0.01	1.94	1.13	0.119	0.845
5)	0.01	1.78	1.29	0.258	0.821
6)	0.02	1.56	1.51	0.413	0.796
7)	0.02	1.56	1.51	0.413	0.771
8)	0.02	1.09	1.98	0.682	0.746
9)	0.03	1.15	1.92	0.651	0.722
10)	0.03	1.17	1.90	0.640	0.696
11)	0.03	1.23	1.84	0.611	0.672
12)	0.04	1.14	1.93	0.658	0.647
13)	0.04	1.24	1.83	0.604	0.622
14)	0.05	1.30	1.77	0.569	0.547
15)	0.06	1.45	1.62	0.482	0.472
16)	0.07	1.60	1.47	0.384	0.398
17)	0.08	2.29	0.78	-0.246	0.323
18)	0.09	2.56	0.51	-0.667	0.249
19)	0.10	2.77	0.30	-1.191	0.174
20)	0.11	2.86	0.21	-1.551	0.099
21)	0.12	2.90	0.17	-1.749	0.025
22)	0.13	2.89	0.18	-1.715	-0.050
23)	0.14	2.88	0.19	-1.682	-0.124
24)	0.15	2.88	0.19	-1.645	-0.199
25)	0.16	2.88	0.19	-1.661	-0.273
26)	0.17	2.90	0.17	-1.749	-0.348
27)	0.18	2.92	0.16	-1.864	-0.423
28)	0.19	2.93	0.14	-1.995	-0.497
29)	0.20	2.95	0.12	-2.146	-0.572
30)	0.21	2.97	0.10	-2.263	-0.646
31)	0.22	2.98	0.09	-2.354	-0.721
32)	0.23	2.98	0.09	-2.430	-0.796
33)	0.24	2.99	0.08	-2.501	-0.870
34)	0.25	2.99	0.08	-2.538	-0.945

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O & R Utilities, Inc.

Identification: MW-6

35)	0.26	2.99	0.08	-2.538	-1.019
36)	0.27	2.99	0.08	-2.577	-1.094
37)	0.28	3.00	0.07	-2.631	-1.169
38)	0.29	3.00	0.07	-2.674	-1.243
39)	0.30	3.00	0.07	-2.718	-1.318
40)	0.31	3.00	0.07	-2.718	-1.392
41)	0.32	3.01	0.06	-2.765	-1.467
42)	0.33	3.01	0.06	-2.813	-1.542
43)	0.35	3.01	0.06	-2.865	-1.691
44)	0.40	3.02	0.05	-2.996	-2.064
45)	0.45	3.02	0.05	-3.058	-2.437
46)	0.50	3.03	0.04	-3.124	-2.810
47)	0.55	3.03	0.04	-3.194	-3.182
48)	0.60	3.03	0.04	-3.194	-3.555
49)	0.65	3.03	0.04	-3.270	-3.928
50)	0.70	3.03	0.04	-3.270	-4.301
51)	0.75	3.04	0.03	-3.381	-4.674
52)	0.80	3.04	0.03	-3.381	-5.047
53)	0.85	3.04	0.03	-3.381	-5.420
54)	0.90	3.04	0.03	-3.474	-5.793
55)	0.95	3.04	0.03	-3.474	-6.166
56)	1.00	3.31	0.24	-1.431	-6.539
57)	1.20	3.04	0.03	-3.576	-8.031
58)	1.40	3.04	0.03	-3.576	-9.523
59)	1.60	3.05	0.02	-3.689	-11.014
60)	1.80	3.05	0.02	-3.689	-12.506
61)	2.00	3.05	0.02	-3.817	-13.998
62)	2.20	3.05	0.02	-3.817	-15.490
63)	2.40	3.05	0.02	-3.817	-16.982
64)	2.60	3.05	0.02	-3.817	-18.473
65)	2.80	3.05	0.02	-3.963	-19.965
66)	3.00	3.05	0.02	-3.963	-21.457
67)	3.20	3.05	0.02	-3.963	-22.949
68)	3.40	3.05	0.02	-3.963	-24.441
69)	3.60	3.05	0.02	-3.963	-25.932
70)	3.80	3.05	0.02	-3.963	-27.424
71)	4.00	3.05	0.02	-3.963	-28.916
72)	4.20	3.06	0.01	-4.200	-30.408
73)	4.40	3.06	0.01	-4.200	-31.899
74)	4.60	3.06	0.01	-4.423	-33.391
75)	4.80	3.06	0.01	-4.423	-34.883
76)	5.00	3.06	0.01	-4.423	-36.375
77)	5.20	3.06	0.01	-4.711	-37.867
78)	5.40	3.06	0.01	-4.711	-39.358
79)	5.60	3.06	0.01	-4.711	-40.850
80)	5.80	3.06	0.01	-4.711	-42.342
81)	6.00	3.06	0.01	-4.711	-43.834
82)	6.20	3.06	0.01	-4.711	-45.326
83)	6.40	3.06	0.01	-4.711	-46.817
84)	6.60	3.06	0.01	-5.116	-48.309
85)	6.80	3.06	0.01	-5.116	-49.801
86)	7.00	3.06	0.01	-5.116	-51.293
87)	7.20	3.06	0.01	-5.116	-52.785

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Identification: MW-6

88)	7.40	3.07	0.00	-5.809	-54.276
89)	7.60	3.07	0.00	-5.809	-55.768
90)	7.80	3.07	0.00	-5.809	-57.260
91)	8.00	3.07	0.00	-5.809	-58.752
92)	8.20	3.07	0.00	-5.809	-60.244
93)	8.40	3.07	0.00	#NUM!	-61.735
94)	8.60	3.07	0.00	#NUM!	-63.227
95)	8.80	3.07	0.00	#NUM!	-64.719
96)	9.00	3.07	0.00	#NUM!	-66.211
97)	9.20	3.07	0.00	#NUM!	-67.703
98)	9.40	3.07	0.00	#NUM!	-69.194

SLUG TEST DATA ENTRY FORM

Client Name: O & R Utilities, Inc. Well Number: MW-7 Test Type: Slug
 Project No.: 38301.3 Gnd. Elev.: 63.1 Weather: cold, clear
 Project Name: West Nyack Service Yard Tested By: MAW Date Started: 12/28/95

BASIC TEST DATA	
Measurement Units (1-6):	2
Unconfined(1)/Confined(2):	2
Well Depth - TOC (feet):	37.6
Static W/L-Depth (ft.):	4.08
Riser Pipe Diameter (feet):	0.167
Initial Test Depth Value (ft.):	0.099
TOC Elevation (feet):	63.13
Intake/Soil Col. Diam. (feet):	0.75
Depth to Top of Pack (feet):	27
Pack/Soil Col. Length (ft.):	13
Saturat. Col. Thickness (ft.):	33.28
Casing Soil Length (if appl.):	NA
Casing Stickup (feet):	-0.24
Slug Volume (ft3):	0.134
Thickness of Aquifer (feet):	25

AQUIFER RECOVERY DATA							
Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)
0	4.042	0.25	2.068	5	3.937		
0.01	3.937	0.26	2.135	6	3.965		
0.02	3.177	0.27	2.195	7	3.991		
0.03	1.673	0.28	2.262	8	4.016		
0.04	1.004	0.29	2.328	9	4.035		
0.05	0.374	0.3	2.391	10	4.054		
0.06	0.127	0.31	2.448	11	4.102		
0.07	0.099	0.32	2.487	12	4.137		
0.08	0.38	0.33	2.534	13	4.165		
0.09	0.498	0.4	2.974	14	4.178		
0.1	0.608	0.45	3.196	15	4.184		
0.11	0.707	0.5	3.335	16	4.19		
0.12	0.824	0.55	3.424	17	4.197		
0.13	0.938	0.6	3.497	18	4.203		
0.14	1.02	0.65	3.544				
0.15	1.14	0.7	3.589				
0.16	1.255	0.75	3.617				
0.17	1.346	0.8	3.639				
0.18	1.429	0.85	3.658				
0.19	1.53	0.9	3.671				
0.2	1.641	0.95	3.677				
0.21	1.73	1	3.68				
0.22	1.809	2	3.836				
0.23	1.888	3	3.864				
0.24	1.98	4	3.905				

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

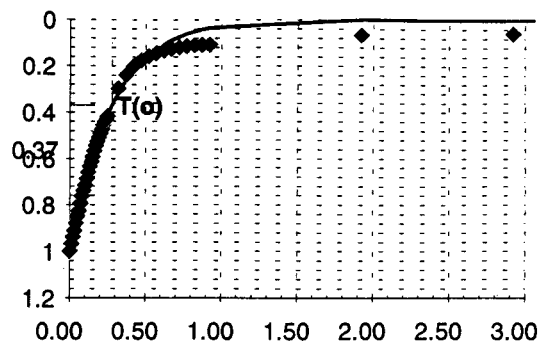
Client Name: O & R Utilities, Inc.

Run Date: 12/28/95

User Name: MAW

Identification: MW-7

Test Type: 7 1 to 7
 Riser Pipe Diameter: 0.167 feet
 Intake Diam.: 0.75 feet
 Pack Length: 13 feet
 Water Table Depth: 4.08 feet
 Line Fit Starting No.: 9 Min 1 to
 Line Fit Ending No.: 40 Max 64
 Entrapped Air Correct.: N Y or N
 Specify Output Units: 7 1 to 9
 K(h): 1.73E-03 cm./sec.
 Basic Time Lag (min.): 0.28
 Correlation Coefficient: 0.9977



Meas. No.	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Hi/H-HO)	Regression To LN(Hi/H-HO)
1)	0.00	4.04	0.04	-4.5785	0.3052
2)	0.01	3.94	0.14	-3.2532	0.2688
3)	0.02	3.18	0.90	-1.4104	0.2324
4)	0.03	1.67	2.41	-0.4300	0.1960
5)	0.04	1.00	3.08	-0.1847	0.1597
6)	0.05	0.37	3.71	0.0016	0.1233
7)	0.06	0.13	3.95	0.0661	0.0869
8)	0.07	0.10	3.98	0.0732	0.0505
9)	0.08	0.38	3.70	0.0000	0.0142
10)	0.09	0.50	3.58	-0.0324	-0.0222
11)	0.10	0.61	3.47	-0.0636	-0.0586
12)	0.11	0.71	3.37	-0.0925	-0.0950
13)	0.12	0.82	3.26	-0.1278	-0.1313
14)	0.13	0.94	3.14	-0.1635	-0.1677
15)	0.14	1.02	3.06	-0.1899	-0.2041
16)	0.15	1.14	2.94	-0.2299	-0.2405
17)	0.16	1.26	2.83	-0.2698	-0.2768
18)	0.17	1.35	2.73	-0.3026	-0.3132
19)	0.18	1.43	2.65	-0.3334	-0.3496
20)	0.19	1.53	2.55	-0.3722	-0.3860
21)	0.20	1.64	2.44	-0.4167	-0.4223
22)	0.21	1.73	2.35	-0.4539	-0.4587
23)	0.22	1.81	2.27	-0.4881	-0.4951
24)	0.23	1.89	2.19	-0.5235	-0.5315
25)	0.24	1.98	2.10	-0.5664	-0.5678
26)	0.25	2.07	2.01	-0.6092	-0.6042
27)	0.26	2.14	1.95	-0.6431	-0.6406
28)	0.27	2.20	1.89	-0.6744	-0.6770
29)	0.28	2.26	1.82	-0.7106	-0.7133
30)	0.29	2.33	1.75	-0.7476	-0.7497
31)	0.30	2.39	1.69	-0.7842	-0.7861
32)	0.31	2.45	1.63	-0.8185	-0.8225
33)	0.32	2.49	1.59	-0.8427	-0.8588
34)	0.33	2.53	1.55	-0.8727	-0.8952

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Run Date: 12/28/95

User Name: MAW

Identification: MW-7

35)	0.40	2.97	1.11	-1.2076	-1.1498
36)	0.45	3.20	0.88	-1.4316	-1.3317
37)	0.50	3.34	0.75	-1.6027	-1.5136
38)	0.55	3.42	0.66	-1.7299	-1.6955
39)	0.60	3.50	0.58	-1.8479	-1.8774
40)	0.65	3.54	0.54	-1.9320	-2.0592
41)	0.70	3.59	0.49	-2.0196	-2.2411
42)	0.75	3.62	0.46	-2.0784	-2.4230
43)	0.80	3.64	0.44	-2.1270	-2.6049
44)	0.85	3.66	0.42	-2.1711	-2.7867
45)	0.90	3.67	0.41	-2.2024	-2.9686
46)	0.95	3.68	0.40	-2.2172	-3.1505
47)	1.00	3.68	0.40	-2.2246	-3.3324
48)	2.00	3.84	0.24	-2.7189	-6.9699
49)	3.00	3.86	0.22	-2.8408	-10.6074
50)	4.00	3.91	0.18	-3.0513	-14.2449
51)	5.00	3.94	0.14	-3.2532	-17.8825
52)	6.00	3.97	0.12	-3.4712	-21.5200
53)	7.00	3.99	0.09	-3.7275	-25.1575
54)	8.00	4.02	0.06	-4.0572	-28.7950
55)	9.00	4.04	0.04	-4.4094	-32.4325
56)	10.00	4.05	0.03	-4.9580	-36.0701
57)	11.00	4.10	0.02	-5.1250	-39.7076
58)	12.00	4.14	0.06	-4.1730	-43.3451
59)	13.00	4.17	0.09	-3.7734	-46.9826
60)	14.00	4.18	0.10	-3.6311	-50.6202
61)	15.00	4.18	0.10	-3.5717	-54.2577
62)	16.00	4.19	0.11	-3.5156	-57.8952
63)	17.00	4.20	0.12	-3.4539	-61.5327
64)	18.00	4.20	0.12	-3.4039	-65.1703

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

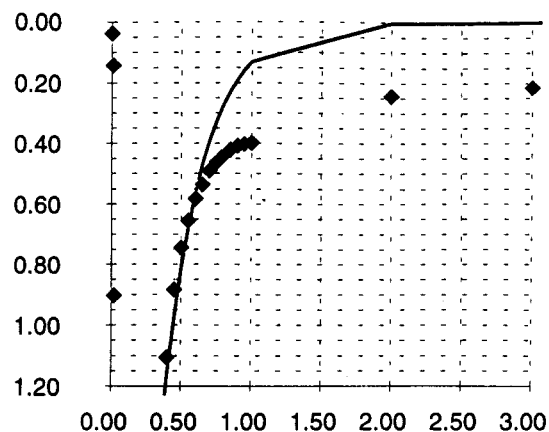
Client Name: O & R Utilities, Inc.

Identification: MW-7

User Name: MAW

Run Date: 12/28/95

Riser Pipe Diameter:	0.167	feet
Intake Diameter:	0.75	feet
Screen Length:	13	feet
Saturated Column Length:	33.28	feet
Water Table Depth:	4.08	feet
Aquifer Thickness:	25	feet
Line Fit Starting No.:	9	Min 1 to
Line Fit Ending No.:	40	Max 64
Specify Output Units:	7	1 to 9
K(h):	1.61E-03	cm./sec.
Correlation Coefficient:	0.9977	



Meas. #	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Yt)	Regression On LN(Yt)
1)	0.00	4.04	0.04	-3.270	1.613
2)	0.01	3.94	0.14	-1.945	1.577
3)	0.02	3.18	0.90	-0.102	1.541
4)	0.03	1.67	2.41	0.878	1.504
5)	0.04	1.00	3.08	1.124	1.468
6)	0.05	0.37	3.71	1.310	1.432
7)	0.06	0.13	3.95	1.374	1.395
8)	0.07	0.10	3.98	1.382	1.359
9)	0.08	0.38	3.70	1.308	1.322
10)	0.09	0.50	3.58	1.276	1.286
11)	0.10	0.61	3.47	1.245	1.250
12)	0.11	0.71	3.37	1.216	1.213
13)	0.12	0.82	3.26	1.180	1.177
14)	0.13	0.94	3.14	1.145	1.141
15)	0.14	1.02	3.06	1.118	1.104
16)	0.15	1.14	2.94	1.078	1.068
17)	0.16	1.26	2.83	1.039	1.031
18)	0.17	1.35	2.73	1.006	0.995
19)	0.18	1.43	2.65	0.975	0.959
20)	0.19	1.53	2.55	0.936	0.922
21)	0.20	1.64	2.44	0.892	0.886
22)	0.21	1.73	2.35	0.854	0.850
23)	0.22	1.81	2.27	0.820	0.813
24)	0.23	1.89	2.19	0.785	0.777
25)	0.24	1.98	2.10	0.742	0.740
26)	0.25	2.07	2.01	0.699	0.704
27)	0.26	2.14	1.95	0.665	0.668
28)	0.27	2.20	1.89	0.634	0.631
29)	0.28	2.26	1.82	0.598	0.595
30)	0.29	2.33	1.75	0.561	0.559
31)	0.30	2.39	1.69	0.524	0.522
32)	0.31	2.45	1.63	0.490	0.486
33)	0.32	2.49	1.59	0.466	0.449
34)	0.33	2.53	1.55	0.436	0.413

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

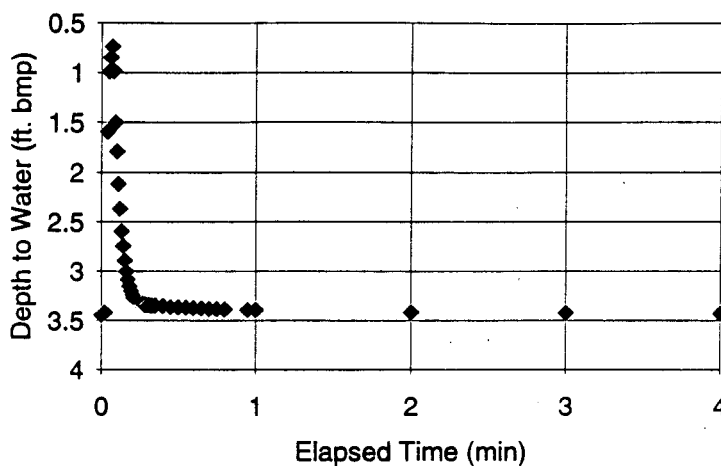
Identification: MW-7

35)	0.40	2.97	1.11	0.101	0.158
36)	0.45	3.20	0.88	-0.123	-0.023
37)	0.50	3.34	0.75	-0.294	-0.205
38)	0.55	3.42	0.66	-0.422	-0.387
39)	0.60	3.50	0.58	-0.540	-0.569
40)	0.65	3.54	0.54	-0.624	-0.751
41)	0.70	3.59	0.49	-0.711	-0.933
42)	0.75	3.62	0.46	-0.770	-1.115
43)	0.80	3.64	0.44	-0.819	-1.297
44)	0.85	3.66	0.42	-0.863	-1.478
45)	0.90	3.67	0.41	-0.894	-1.660
46)	0.95	3.68	0.40	-0.909	-1.842
47)	1.00	3.68	0.40	-0.916	-2.024
48)	2.00	3.84	0.24	-1.411	-5.662
49)	3.00	3.86	0.22	-1.532	-9.299
50)	4.00	3.91	0.18	-1.743	-12.937
51)	5.00	3.94	0.14	-1.945	-16.574
52)	6.00	3.97	0.12	-2.163	-20.212
53)	7.00	3.99	0.09	-2.419	-23.849
54)	8.00	4.02	0.06	-2.749	-27.487
55)	9.00	4.04	0.04	-3.101	-31.124
56)	10.00	4.05	0.03	-3.650	-34.762
57)	11.00	4.10	0.02	-3.817	-38.399
58)	12.00	4.14	0.06	-2.865	-42.037
59)	13.00	4.17	0.09	-2.465	-45.674
60)	14.00	4.18	0.10	-2.323	-49.312
61)	15.00	4.18	0.10	-2.263	-52.949
62)	16.00	4.19	0.11	-2.207	-56.587
63)	17.00	4.20	0.12	-2.146	-60.224
64)	18.00	4.20	0.12	-2.096	-63.862

SLUG TEST DATA ENTRY FORM

Client Name: O &R Utilities, Inc. Well Number: MW-8 Test Type: Slug
 Project No.: 38301.3 Gnd. Elev.: 62.8 Weather: cold, clear
 Project Name: West Nyack Service Yard Tested By: MAW Date Started: 12/29/95

BASIC TEST DATA	
Measurement Units (1-6):	2
Unconfined(1)/Confined(2):	2
Well Depth - TOC (feet):	30.68
Static W/L-Depth (ft.):	3.44
Riser Pipe Diameter (feet):	0.167
Initial Test Depth Value (ft.):	0.739
TOC Elevation (feet):	62.47
Intake/Soil Col. Diam. (feet):	0.75
Depth to Top of Pack (feet):	20
Pack/Soil Col. Length (ft.):	13
Saturat. Col. Thickness (ft.):	26.91
Casing Soil Length (if appl.):	NA
Casing Stickup (feet):	-0.33
Slug Volume (ft3):	0.134
Thickness of Aquifer (feet):	25



AQUIFER RECOVERY DATA

Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)
0	3.443	0.27	3.335	8	3.436		
0.02	3.421	0.28	3.342	9	3.436		
0.04	1.597	0.29	3.342	10	3.433		
0.05	0.995	0.3	3.345	11	3.427		
0.06	0.85	0.31	3.345	12	3.43		
0.07	0.739	0.32	3.348	13	3.433		
0.08	0.985	0.33	3.348	14	3.436		
0.09	1.506	0.35	3.351	15	3.436		
0.1	1.793	0.4	3.357	16	3.433		
0.11	2.118	0.45	3.364	17	3.436		
0.12	2.37	0.5	3.37	18	3.433		
0.13	2.597	0.55	3.373	19	3.433		
0.14	2.746	0.6	3.376	20	3.436		
0.15	2.894	0.65	3.38	21	3.433		
0.16	3.004	0.7	3.383	22	3.433		
0.17	3.086	0.75	3.386	23	3.433		
0.18	3.156	0.8	3.389	24	3.433		
0.19	3.203	0.95	3.395	25	3.43		
0.2	3.244	1	3.395	26	3.43		
0.21	3.272	2	3.417	27	3.427		
0.22	3.294	3	3.424	28	3.427		
0.23	3.31	4	3.43				
0.24	3.32	5	3.436				
0.25	3.329	6	3.433				
0.26	3.332	7	3.436				

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

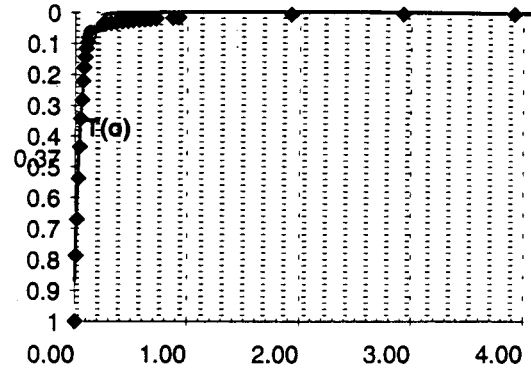
Client Name: O & R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-8

Test Type: 7 1 to 7
 Riser Pipe Diameter: 0.167 feet
 Intake Diam.: 0.75 feet
 Pack Length: 13 feet
 Water Table Depth: 3.44 feet
 Line Fit Starting No.: 7 Min 1 to
 Line Fit Ending No.: 25 Max 71
 Entrapped Air Correct.: N Y or N
 Specify Output Units: 7 1 to 9
 K(h): 1.04E-02 cm./sec.
 Basic Time Lag (min.): 0.05
 Correlation Coefficient: 0.9911



Meas. No.	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Hi/H-HO)	Regression To LN(Hi/H-HO)
1)	0.00	3.44	0.00	-6.7073	1.3426
2)	0.02	3.42	0.02	-4.8614	0.9723
3)	0.04	1.60	1.84	-0.2867	0.6020
4)	0.05	1.00	2.45	-0.0041	0.4169
5)	0.06	0.85	2.59	0.0535	0.2317
6)	0.07	0.74	2.70	0.0955	0.0466
7)	0.08	0.99	2.46	0.0000	-0.1385
8)	0.09	1.51	1.93	-0.2385	-0.3237
9)	0.10	1.79	1.65	-0.3992	-0.5088
10)	0.11	2.12	1.32	-0.6190	-0.6940
11)	0.12	2.37	1.07	-0.8305	-0.8791
12)	0.13	2.60	0.84	-1.0689	-1.0642
13)	0.14	2.75	0.69	-1.2634	-1.2494
14)	0.15	2.89	0.55	-1.5033	-1.4345
15)	0.16	3.00	0.44	-1.7282	-1.6197
16)	0.17	3.09	0.35	-1.9366	-1.8048
17)	0.18	3.16	0.28	-2.1569	-1.9899
18)	0.19	3.20	0.24	-2.3378	-2.1751
19)	0.20	3.24	0.20	-2.5278	-2.3602
20)	0.21	3.27	0.17	-2.6819	-2.5453
21)	0.22	3.29	0.15	-2.8223	-2.7305
22)	0.23	3.31	0.13	-2.9383	-2.9156
23)	0.24	3.32	0.12	-3.0184	-3.1008
24)	0.25	3.33	0.11	-3.0964	-3.2859
25)	0.26	3.33	0.11	-3.1238	-3.4710
26)	0.27	3.34	0.11	-3.1519	-3.6562
27)	0.28	3.34	0.10	-3.2209	-3.8413
28)	0.29	3.34	0.10	-3.2209	-4.0265
29)	0.30	3.35	0.09	-3.2520	-4.2116
30)	0.31	3.35	0.09	-3.2520	-4.3967
31)	0.32	3.35	0.09	-3.2841	-4.5819
32)	0.33	3.35	0.09	-3.2841	-4.7670
33)	0.35	3.35	0.09	-3.3172	-5.1373
34)	0.40	3.36	0.08	-3.3870	-6.0630

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-8

35)	0.45	3.36	0.08	-3.4751	-6.9887
36)	0.50	3.37	0.07	-3.5574	-7.9144
37)	0.55	3.37	0.07	-3.6012	-8.8401
38)	0.60	3.38	0.06	-3.6470	-9.7657
39)	0.65	3.38	0.06	-3.7115	-10.6914
40)	0.70	3.38	0.06	-3.7628	-11.6171
41)	0.75	3.39	0.05	-3.8169	-12.5428
42)	0.80	3.39	0.05	-3.8741	-13.4685
43)	0.95	3.40	0.04	-3.9992	-16.2456
44)	1.00	3.40	0.04	-3.9992	-17.1713
45)	2.00	3.42	0.02	-4.6704	-35.6851
46)	3.00	3.42	0.02	-5.0333	-54.1990
47)	4.00	3.43	0.01	-5.5033	-72.7128
48)	5.00	3.44	0.00	-6.4196	-91.2267
49)	6.00	3.43	0.01	-5.8600	-109.7405
50)	7.00	3.44	0.00	-6.4196	-128.2544
51)	8.00	3.44	0.00	-6.4196	-146.7682
52)	9.00	3.44	0.00	-6.4196	-165.2821
53)	10.00	3.43	0.01	-5.8600	-183.7959
54)	11.00	3.43	0.01	-5.2409	-202.3097
55)	12.00	3.43	0.01	-5.5033	-220.8236
56)	13.00	3.43	0.01	-5.8600	-239.3374
57)	14.00	3.44	0.00	-6.4196	-257.8513
58)	15.00	3.44	0.00	-6.4196	-276.3651
59)	16.00	3.43	0.01	-5.8600	-294.8790
60)	17.00	3.44	0.00	-6.4196	-313.3928
61)	18.00	3.43	0.01	-5.8600	-331.9067
62)	19.00	3.43	0.01	-5.8600	-350.4205
63)	20.00	3.44	0.00	-6.4196	-368.9344
64)	21.00	3.43	0.01	-5.8600	-387.4482
65)	22.00	3.43	0.01	-5.8600	-405.9620
66)	23.00	3.43	0.01	-5.8600	-424.4759
67)	24.00	3.43	0.01	-5.8600	-442.9897
68)	25.00	3.43	0.01	-5.5033	-461.5036
69)	26.00	3.43	0.01	-5.5033	-480.0174
70)	27.00	3.43	0.01	-5.2409	-498.5313
71)	28.00	3.43	0.01	-5.2409	-517.0451

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

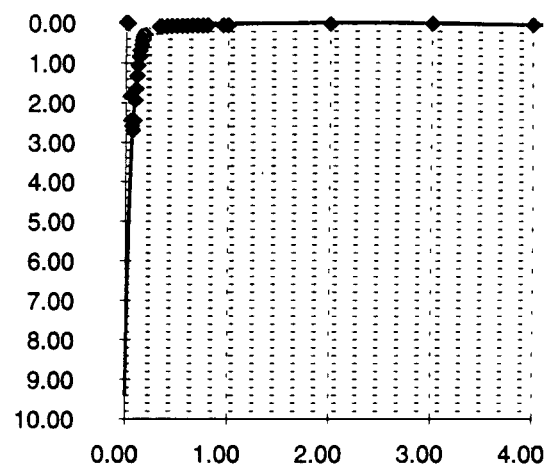
Client Name: O & R Utilities, Inc.

Identification: MW-8

User Name: MAW

Run Date: 12/29/95

Riser Pipe Diameter:	0.167	feet
Intake Diameter:	0.75	feet
Screen Length:	13	feet
Saturated Column Length:	26.91	feet
Water Table Depth:	3.44	feet
Aquifer Thickness:	25	feet
Line Fit Starting No.:	7	Min 1 to
Line Fit Ending No.:	25	Max 71
Specify Output Units:	7	1 to 9
K(h):	7.87E-03	cm./sec.
Correlation Coefficient:	0.9911	



Meas. #	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Yt)	Regression On LN(Yt)
1)	0.00	3.44	0.00	-5.809	2.241
2)	0.02	3.42	0.02	-3.963	1.870
3)	0.04	1.60	1.84	0.611	1.500
4)	0.05	1.00	2.45	0.894	1.315
5)	0.06	0.85	2.59	0.952	1.130
6)	0.07	0.74	2.70	0.994	0.945
7)	0.08	0.99	2.46	0.898	0.760
8)	0.09	1.51	1.93	0.660	0.574
9)	0.10	1.79	1.65	0.499	0.389
10)	0.11	2.12	1.32	0.279	0.204
11)	0.12	2.37	1.07	0.068	0.019
12)	0.13	2.60	0.84	-0.171	-0.166
13)	0.14	2.75	0.69	-0.365	-0.351
14)	0.15	2.89	0.55	-0.605	-0.536
15)	0.16	3.00	0.44	-0.830	-0.722
16)	0.17	3.09	0.35	-1.038	-0.907
17)	0.18	3.16	0.28	-1.259	-1.092
18)	0.19	3.20	0.24	-1.440	-1.277
19)	0.20	3.24	0.20	-1.630	-1.462
20)	0.21	3.27	0.17	-1.784	-1.647
21)	0.22	3.29	0.15	-1.924	-1.832
22)	0.23	3.31	0.13	-2.040	-2.017
23)	0.24	3.32	0.12	-2.120	-2.203
24)	0.25	3.33	0.11	-2.198	-2.388
25)	0.26	3.33	0.11	-2.226	-2.573
26)	0.27	3.34	0.11	-2.254	-2.758
27)	0.28	3.34	0.10	-2.323	-2.943
28)	0.29	3.34	0.10	-2.323	-3.128
29)	0.30	3.35	0.09	-2.354	-3.313
30)	0.31	3.35	0.09	-2.354	-3.499
31)	0.32	3.35	0.09	-2.386	-3.684
32)	0.33	3.35	0.09	-2.386	-3.869
33)	0.35	3.35	0.09	-2.419	-4.239
34)	0.40	3.36	0.08	-2.489	-5.165

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

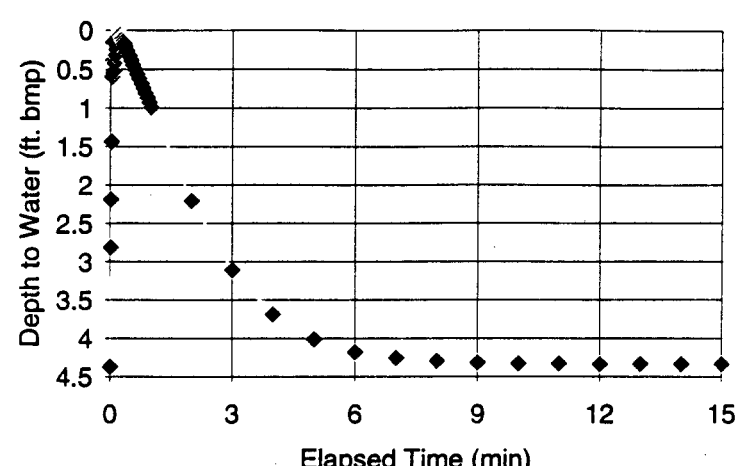
Identification: MW-8

35)	0.45	3.36	0.08	-2.577	-6.091
36)	0.50	3.37	0.07	-2.659	-7.016
37)	0.55	3.37	0.07	-2.703	-7.942
38)	0.60	3.38	0.06	-2.749	-8.868
39)	0.65	3.38	0.06	-2.813	-9.793
40)	0.70	3.38	0.06	-2.865	-10.719
41)	0.75	3.39	0.05	-2.919	-11.645
42)	0.80	3.39	0.05	-2.976	-12.570
43)	0.95	3.40	0.04	-3.101	-15.347
44)	1.00	3.40	0.04	-3.101	-16.273
45)	2.00	3.42	0.02	-3.772	-34.787
46)	3.00	3.42	0.02	-4.135	-53.301
47)	4.00	3.43	0.01	-4.605	-71.815
48)	5.00	3.44	0.00	-5.521	-90.329
49)	6.00	3.43	0.01	-4.962	-108.842
50)	7.00	3.44	0.00	-5.521	-127.356
51)	8.00	3.44	0.00	-5.521	-145.870
52)	9.00	3.44	0.00	-5.521	-164.384
53)	10.00	3.43	0.01	-4.962	-182.898
54)	11.00	3.43	0.01	-4.343	-201.412
55)	12.00	3.43	0.01	-4.605	-219.925
56)	13.00	3.43	0.01	-4.962	-238.439
57)	14.00	3.44	0.00	-5.521	-256.953
58)	15.00	3.44	0.00	-5.521	-275.467
59)	16.00	3.43	0.01	-4.962	-293.981
60)	17.00	3.44	0.00	-5.521	-312.495
61)	18.00	3.43	0.01	-4.962	-331.009
62)	19.00	3.43	0.01	-4.962	-349.522
63)	20.00	3.44	0.00	-5.521	-368.036
64)	21.00	3.43	0.01	-4.962	-386.550
65)	22.00	3.43	0.01	-4.962	-405.064
66)	23.00	3.43	0.01	-4.962	-423.578
67)	24.00	3.43	0.01	-4.962	-442.092
68)	25.00	3.43	0.01	-4.605	-460.605
69)	26.00	3.43	0.01	-4.605	-479.119
70)	27.00	3.43	0.01	-4.343	-497.633
71)	28.00	3.43	0.01	-4.343	-516.147

SLUG TEST DATA ENTRY FORM

Client Name: O &R Utilities, Inc. Well Number: MW-9B Test Type: Slug
 Project No.: 38301.3 Gnd. Elev.: 63.8 Weather: cold, clear
 Project Name: West Nyack Service Yard Tested By: MAW Date Started: 12/29/95

BASIC TEST DATA	
Measurement Units (1-6):	2
Unconfined(1)/Confined(2):	2
Well Depth - TOC (feet):	37.85
Static W/L-Depth (ft.):	4.37
Riser Pipe Diameter (feet):	0.167
Initial Test Depth Value (ft.):	0.024
TOC Elevation (feet):	63.43
Intake/Soil Col. Diam. (feet):	0.75
Depth to Top of Pack (feet):	28
Pack/Soil Col. Length (ft.):	12.5
Saturat. Col. Thickness (ft.):	33.13
Casing Soil Length (if appl.):	NA
Casing Stickup (feet):	-0.35
Slug Volume (ft3):	0.134
Thickness of Aquifer (feet):	25



AQUIFER RECOVERY DATA							
Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)	Time (min)	Depth (ft.)
0	4.373	0.26	0.097	5	4.015		
0.01	2.814	0.27	0.107	6	4.183		
0.02	2.194	0.28	0.116	7	4.262		
0.03	1.44	0.29	0.129	8	4.3		
0.04	0.598	0.3	0.141	9	4.319		
0.05	0.157	0.31	0.151	10	4.335		
0.06	0.385	0.32	0.167	11	4.335		
0.07	0.547	0.33	0.176	12	4.341		
0.08	0.525	0.35	0.202	13	4.338		
0.09	0.407	0.4	0.268	14	4.341		
0.1	0.423	0.45	0.328	15	4.341		
0.11	0.322	0.5	0.385	16	4.344		
0.12	0.316	0.55	0.445	17	4.344		
0.13	0.246	0.6	0.503	18	4.347		
0.14	0.192	0.65	0.563	19	4.341		
0.15	0.167	0.7	0.62	20	4.341		
0.16	0.1	0.75	0.683	21	4.341		
0.17	0.078	0.8	0.746	22	4.341		
0.18	0.043	0.85	0.807	23	4.338		
0.19	0.024	0.9	0.867	24	4.341		
0.2	0.034	0.95	0.93	25	4.344		
0.21	0.043	1	0.993				
0.22	0.056	2	2.21				
0.23	0.065	3	3.112				
0.25	0.084	4	3.692				

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

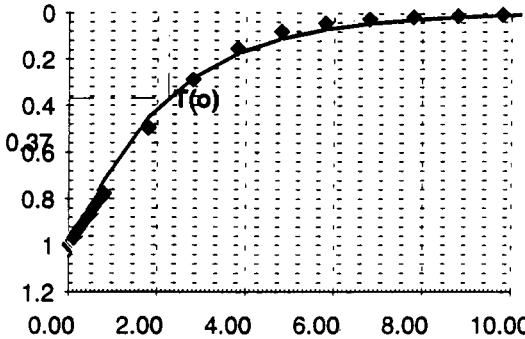
Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-9B

Test Type:	7	1 to 7			
Riser Pipe Diameter:	0.167	feet			
Intake Diam.:	0.75	feet			
Pack Length:	12.5	feet			
Water Table Depth:	4.37	feet			
Line Fit Starting No.:	21	Min 1 to			
Line Fit Ending No.:	50	Max 71			
Entrapped Air Correct.:	N	Y or N			
Specify Output Units:	7	1 to 9			
K(h):	2.21E-04	cm./sec.			
Basic Time Lag (min.):	2.25				
Correlation Coefficient:	0.9925				
Meas. No.	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Hi/H-HO)	Regression To LN(Hi/H-HO)
1)	0.00	4.37	0.00	-7.2761	0.1415
2)	0.01	2.81	1.56	-1.0248	0.1369
3)	0.02	2.19	2.18	-0.6895	0.1322
4)	0.03	1.44	2.93	-0.3919	0.1275
5)	0.04	0.60	3.77	-0.1393	0.1229
6)	0.05	0.16	4.21	-0.0288	0.1182
7)	0.06	0.39	3.99	-0.0844	0.1135
8)	0.07	0.55	3.82	-0.1259	0.1089
9)	0.08	0.53	3.85	-0.1202	0.1042
10)	0.09	0.41	3.96	-0.0900	0.0996
11)	0.10	0.42	3.95	-0.0940	0.0949
12)	0.11	0.32	4.05	-0.0687	0.0902
13)	0.12	0.32	4.05	-0.0672	0.0856
14)	0.13	0.25	4.12	-0.0501	0.0809
15)	0.14	0.19	4.18	-0.0371	0.0762
16)	0.15	0.17	4.20	-0.0312	0.0716
17)	0.16	0.10	4.27	-0.0153	0.0669
18)	0.17	0.08	4.29	-0.0102	0.0622
19)	0.18	0.04	4.33	-0.0021	0.0576
20)	0.19	0.02	4.35	0.0023	0.0529
21)	0.20	0.03	4.34	0.0000	0.0483
22)	0.21	0.04	4.33	-0.0021	0.0436
23)	0.22	0.06	4.31	-0.0051	0.0389
24)	0.23	0.07	4.31	-0.0072	0.0343
25)	0.25	0.08	4.29	-0.0116	0.0249
26)	0.26	0.10	4.27	-0.0146	0.0203
27)	0.27	0.11	4.26	-0.0170	0.0156
28)	0.28	0.12	4.25	-0.0191	0.0109
29)	0.29	0.13	4.24	-0.0222	0.0063
30)	0.30	0.14	4.23	-0.0250	0.0016
31)	0.31	0.15	4.22	-0.0274	-0.0031
32)	0.32	0.17	4.20	-0.0312	-0.0077
33)	0.33	0.18	4.19	-0.0333	-0.0124
34)	0.35	0.20	4.17	-0.0395	-0.0217

Hvorslev's Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Run Date: 12/29/95

User Name: MAW

Identification: MW-9B

35)	0.40	0.27	4.10	-0.0555	-0.0450
36)	0.45	0.33	4.04	-0.0702	-0.0683
37)	0.50	0.39	3.99	-0.0844	-0.0917
38)	0.55	0.45	3.93	-0.0996	-0.1150
39)	0.60	0.50	3.87	-0.1145	-0.1383
40)	0.65	0.56	3.81	-0.1301	-0.1616
41)	0.70	0.62	3.75	-0.1452	-0.1849
42)	0.75	0.68	3.69	-0.1621	-0.2083
43)	0.80	0.75	3.62	-0.1794	-0.2316
44)	0.85	0.81	3.56	-0.1963	-0.2549
45)	0.90	0.87	3.50	-0.2133	-0.2782
46)	0.95	0.93	3.44	-0.2315	-0.3015
47)	1.00	0.99	3.38	-0.2500	-0.3248
48)	2.00	2.21	2.16	-0.6968	-0.7912
49)	3.00	3.11	1.26	-1.2374	-1.2576
50)	4.00	3.69	0.68	-1.8556	-1.7239
51)	5.00	4.02	0.36	-2.5026	-2.1903
52)	6.00	4.18	0.19	-3.1436	-2.6567
53)	7.00	4.26	0.11	-3.6926	-3.1230
54)	8.00	4.30	0.07	-4.1262	-3.5894
55)	9.00	4.32	0.05	-4.4429	-4.0558
56)	10.00	4.34	0.04	-4.8194	-4.5221
57)	11.00	4.34	0.04	-4.8194	-4.9885
58)	12.00	4.34	0.03	-5.0074	-5.4549
59)	13.00	4.34	0.03	-4.9090	-5.9212
60)	14.00	4.34	0.03	-5.0074	-6.3876
61)	15.00	4.34	0.03	-5.0074	-6.8540
62)	16.00	4.34	0.03	-5.1166	-7.3203
63)	17.00	4.34	0.03	-5.1166	-7.7867
64)	18.00	4.35	0.02	-5.2392	-8.2531
65)	19.00	4.34	0.03	-5.0074	-8.7194
66)	20.00	4.34	0.03	-5.0074	-9.1858
67)	21.00	4.34	0.03	-5.0074	-9.6522
68)	22.00	4.34	0.03	-5.0074	-10.1185
69)	23.00	4.34	0.03	-4.9090	-10.5849
70)	24.00	4.34	0.03	-5.0074	-11.0513
71)	25.00	4.34	0.03	-5.1166	-11.5176

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

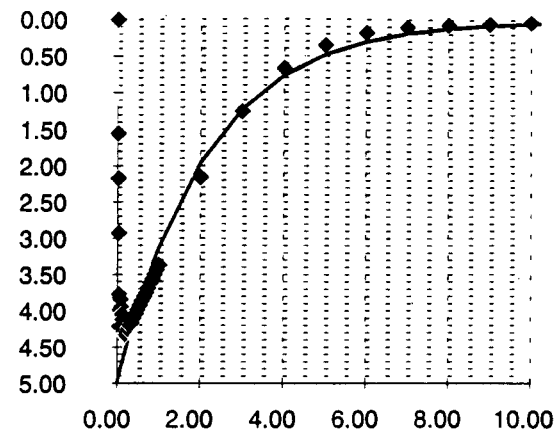
Client Name: O & R Utilities, Inc.

Identification: MW-9B

User Name: MAW

Run Date: 12/29/95

Riser Pipe Diameter:	0.167	feet
Intake Diameter:	0.75	feet
Screen Length:	12.5	feet
Saturated Column Length:	33.13	feet
Water Table Depth:	4.37	feet
Aquifer Thickness:	25	feet
Line Fit Starting No.:	21	Min 1 to
Line Fit Ending No.:	50	Max 71
Specify Output Units:	7	1 to 9
K(h):	2.13E-04	cm./sec.
Correlation Coefficient:	0.9925	



Meas. #	Time minutes	Field Meas. feet	Drawdown/up feet	Line Fit To LN(Yt)	Regression On LN(Yt)
1)	0.00	4.37	0.00	-5.809	1.608
2)	0.01	2.81	1.56	0.442	1.604
3)	0.02	2.19	2.18	0.777	1.599
4)	0.03	1.44	2.93	1.075	1.594
5)	0.04	0.60	3.77	1.328	1.590
6)	0.05	0.16	4.21	1.438	1.585
7)	0.06	0.39	3.99	1.383	1.580
8)	0.07	0.55	3.82	1.341	1.576
9)	0.08	0.53	3.85	1.347	1.571
10)	0.09	0.41	3.96	1.377	1.567
11)	0.10	0.42	3.95	1.373	1.562
12)	0.11	0.32	4.05	1.398	1.557
13)	0.12	0.32	4.05	1.400	1.553
14)	0.13	0.25	4.12	1.417	1.548
15)	0.14	0.19	4.18	1.430	1.543
16)	0.15	0.17	4.20	1.436	1.539
17)	0.16	0.10	4.27	1.452	1.534
18)	0.17	0.08	4.29	1.457	1.529
19)	0.18	0.04	4.33	1.465	1.525
20)	0.19	0.02	4.35	1.469	1.520
21)	0.20	0.03	4.34	1.467	1.515
22)	0.21	0.04	4.33	1.465	1.511
23)	0.22	0.06	4.31	1.462	1.506
24)	0.23	0.07	4.31	1.460	1.501
25)	0.25	0.08	4.29	1.455	1.492
26)	0.26	0.10	4.27	1.452	1.487
27)	0.27	0.11	4.26	1.450	1.483
28)	0.28	0.12	4.25	1.448	1.478
29)	0.29	0.13	4.24	1.445	1.473
30)	0.30	0.14	4.23	1.442	1.469
31)	0.31	0.15	4.22	1.440	1.464
32)	0.32	0.17	4.20	1.436	1.459
33)	0.33	0.18	4.19	1.434	1.455
34)	0.35	0.20	4.17	1.427	1.445

Bouwer & Rice Method for Calculating Hydraulic Conductivity

Project Name: West Nyack Service Yard

Project No.: 38301.3

Client Name: O &R Utilities, Inc.

Identification: MW-9B

35)	0.40	0.27	4.10	1.411	1.422
36)	0.45	0.33	4.04	1.397	1.399
37)	0.50	0.39	3.99	1.383	1.375
38)	0.55	0.45	3.93	1.367	1.352
39)	0.60	0.50	3.87	1.352	1.329
40)	0.65	0.56	3.81	1.337	1.305
41)	0.70	0.62	3.75	1.322	1.282
42)	0.75	0.68	3.69	1.305	1.259
43)	0.80	0.75	3.62	1.288	1.235
44)	0.85	0.81	3.56	1.271	1.212
45)	0.90	0.87	3.50	1.254	1.189
46)	0.95	0.93	3.44	1.235	1.165
47)	1.00	0.99	3.38	1.217	1.142
48)	2.00	2.21	2.16	0.770	0.676
49)	3.00	3.11	1.26	0.230	0.209
50)	4.00	3.69	0.68	-0.389	-0.257
51)	5.00	4.02	0.36	-1.036	-0.723
52)	6.00	4.18	0.19	-1.677	-1.190
53)	7.00	4.26	0.11	-2.226	-1.656
54)	8.00	4.30	0.07	-2.659	-2.122
55)	9.00	4.32	0.05	-2.976	-2.589
56)	10.00	4.34	0.04	-3.352	-3.055
57)	11.00	4.34	0.04	-3.352	-3.522
58)	12.00	4.34	0.03	-3.540	-3.988
59)	13.00	4.34	0.03	-3.442	-4.454
60)	14.00	4.34	0.03	-3.540	-4.921
61)	15.00	4.34	0.03	-3.540	-5.387
62)	16.00	4.34	0.03	-3.650	-5.853
63)	17.00	4.34	0.03	-3.650	-6.320
64)	18.00	4.35	0.02	-3.772	-6.786
65)	19.00	4.34	0.03	-3.540	-7.252
66)	20.00	4.34	0.03	-3.540	-7.719
67)	21.00	4.34	0.03	-3.540	-8.185
68)	22.00	4.34	0.03	-3.540	-8.652
69)	23.00	4.34	0.03	-3.442	-9.118
70)	24.00	4.34	0.03	-3.540	-9.584
71)	25.00	4.34	0.03	-3.650	-10.051

APPENDIX J
Field Test Kit PCB Data

OMICRON TEST KIT FIELD PCB SHALLOW SOIL BORING ANALYTICAL DATA

11-14-95 18:06:03

***** OHMICRON *****

PROTOCOL : PCB

TECH ID : _____

LOT # : _____

EXP DATE: _____

Data Reduct: Lin. Regression
Xformation: Ln/LgtB
Read Mode : Absorbance
Wavelength : 450 nm
Units : PPB

EQUATION OF LINE :

Slope = -0.632
Intercept = 0.291
Corr (r) = 0.9998

Transformed Data :

Conc	Abs
-1.39	1.155
0.00	0.314
1.61	-0.738

Calibrator Data:

Conc	Abs	%CV	Predic
	Diff		%Diff
0.00	1.157		
	1.157		
Mean	1.157	0.0	
0.25	0.883		0.25
	-0.000		-0.1
	0.877		0.26
	0.010		4.0
Mean	0.880	0.4	0.26
	0.005		2.0
1.00	0.670		0.96
	-0.041		-4.3
	0.668		0.97
	-0.032		-3.3
Mean	0.669	0.1	0.96
	-0.037		-3.8
5.00	0.376		5.04
	0.037		0.7
	0.373		5.14
	0.138		2.7
Mean	0.374	0.6	5.09
	0.087		1.7

Control Data :

Ctrl#	Abs	Conc
1	0.420	3.86

ID: Control

Samples Data :

Sp1#	Abs	Conc
1	1.159	nd

ID: HA-1 (1'-2')

2	1.155	0.00nd

ID: HA-1 (3'-4')

3	1.069	0.03nd

ID: HA-2 (1'-2')

4	0.980	0.11

ID: HA-2 (3'-4')

5	0.970	0.12

ID: HA-3 (1'-2')

6	0.971	0.12

ID: HA-3 (3'-4')

7	0.973	0.11

ID: HA-4 (1'-2')

8	0.884	0.25

ID: HA-4 (3'-4')

9	0.964	0.12

ID: HA-5 (1'-2')

10	0.888	0.24

ID: HA-5 (3'-4')

11	0.883	0.25

ID: Duplicate HA-5 (3'-4')

APPENDIX K

Laboratory Reporting Sheets

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HA11-2

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: ORI

Matrix: (soil/water) SOIL

Lab Sample ID: 2566801

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7190.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 10

Date Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3	-----Chloromethane	11	U
74-83-9	-----Bromomethane	11	U
75-01-4	-----Vinyl Chloride	11	U
75-00-3	-----Chloroethane	11	U
75-09-2	-----Methylene Chloride	13	B U
67-64-1	-----Acetone	16	
75-15-0	-----Carbon Disulfide	11	U
75-35-4	-----1,1-Dichloroethene	11	U
75-34-3	-----1,1-Dichloroethane	11	U
540-59-0	-----1,2-Dichloroethene (total)	11	U
67-66-3	-----Chloroform	11	U
107-06-2	-----1,2-Dichloroethane	11	U
78-93-3	-----2-Butanone	11	U
71-55-6	-----1,1,1-Trichloroethane	11	U
56-23-5	-----Carbon Tetrachloride	11	U
75-27-4	-----Bromodichloromethane	11	U
78-87-5	-----1,2-Dichloropropane	11	U
10061-01-5	-----cis-1,3-Dichloropropene	11	U
79-01-6	-----Trichloroethene	11	U
124-48-1	-----Dibromochloromethane	11	U
79-00-5	-----1,1,2-Trichloroethane	11	U
71-43-2	-----Benzene	11	U
10061-02-6	-----trans-1,3-Dichloropropene	11	U
75-25-2	-----Bromoform	11	U
108-10-1	-----4-Methyl-2-Pentanone	11	U
591-78-6	-----2-Hexanone	11	U
127-18-4	-----Tetrachloroethene	11	U
79-34-5	-----1,1,2,2-Tetrachloroethane	11	U
108-88-3	-----Toluene	11	U
108-90-7	-----Chlorobenzene	11	U
100-41-4	-----Ethylbenzene	11	U
100-42-5	-----Styrene	11	U
1330-20-7	-----Xylene (total)	11	U

TJF 15 DEC 95

AMM 19 FEB 96

FORM 1 VOA

000010

NYSDEC ASP 12/91

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA11-2

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566801

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7190.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 10

Data Analyzed: 11/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN SILOXANE	17.168	15	JR
2.	UNKNOWN SILOXANE	21.296	22	JR
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TJF 15 DEC 95
AMN 19 FEB 96 000011

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

HA13-4

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566802

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7191.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 13

Date Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

74-87-3-----	Chloromethane	11	U
74-83-9-----	Bromomethane	11	U
75-01-4-----	Vinyl Chloride	11	U
75-00-3-----	Chloroethane	11	U
75-09-2-----	Methylene Chloride	13	B U
67-64-1-----	Acetone	39	
75-15-0-----	Carbon Disulfide	11	U
75-35-4-----	1,1-Dichloroethene	11	U
75-34-3-----	1,1-Dichloroethane	11	U
540-59-0-----	1,2-Dichloroethene (total)	11	U
67-66-3-----	Chloroform	11	U
107-06-2-----	1,2-Dichloroethane	11	U
78-93-3-----	2-Butanone	16	
71-55-6-----	1,1,1-Trichloroethane	11	U
56-23-5-----	Carbon Tetrachloride	11	U
75-27-4-----	Bromodichloromethane	11	U
78-87-5-----	1,2-Dichloropropane	11	U
10061-01-5-----	cis-1,3-Dichloropropene	11	U
79-01-6-----	Trichloroethene	11	U
124-48-1-----	Dibromochloromethane	11	U
79-00-5-----	1,1,2-Trichloroethane	11	U
71-43-2-----	Benzene	11	U
10061-02-6-----	trans-1,3-Dichloropropene	11	U
75-25-2-----	Bromoform	11	U
108-10-1-----	4-Methyl-2-Pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	11	U
79-34-5-----	1,1,2,2-Tetrachloroethane	11	U
108-88-3-----	Toluene	11	U
108-90-7-----	Chlorobenzene	11	U
100-41-4-----	Ethylbenzene	11	U
100-42-5-----	Styrene	11	U
1330-20-7-----	Xylene (total)	11	U

TJF 15 DEC 95

AMM 19 FEB 96

000012

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA13-4

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566802

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7191.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 13

Data Analyzed: 11/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0/

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
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20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TJF 15 DEC 95
Qm7 19 FEB 96 000013

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HA21-2

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566803

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7192.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 8

Date Analyzed: 11/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

74-87-3-----Chloromethane	11	U
74-83-9-----Bromomethane	11	U
75-01-4-----Vinyl Chloride	11	U
75-00-3-----Chloroethane	11	U
75-09-2-----Methylene Chloride	12	B U
67-64-1-----Acetone	22	
75-15-0-----Carbon Disulfide	11	U
75-35-4-----1,1-Dichloroethene	11	U
75-34-3-----1,1-Dichloroethane	11	U
540-59-0-----1,2-Dichloroethene (total)	11	U
67-66-3-----Chloroform	11	U
107-06-2-----1,2-Dichloroethane	11	U
78-93-3-----2-Butanone	7	J
71-55-6-----1,1,1-Trichloroethane	11	U
56-23-5-----Carbon Tetrachloride	11	U
75-27-4-----Bromodichloromethane	11	U
78-87-5-----1,2-Dichloropropane	11	U
10061-01-5-----cis-1,3-Dichloropropene	11	U
79-01-6-----Trichloroethene	11	U
124-48-1-----Dibromochloromethane	11	U
79-00-5-----1,1,2-Trichloroethane	11	U
71-43-2-----Benzene	11	U
10061-02-6-----trans-1,3-Dichloropropene	11	U
75-25-2-----Bromoform	11	U
108-10-1-----4-Methyl-2-Pentanone	11	U
591-78-6-----2-Hexanone	11	U
127-18-4-----Tetrachloroethene	11	U
79-34-5-----1,1,2,2-Tetrachloroethane	11	U
108-88-3-----Toluene	11	U
108-90-7-----Chlorobenzene	11	U
100-41-4-----Ethylbenzene	11	U
100-42-5-----Styrene	11	U
1330-20-7-----Xylene (total)	11	U

TJF 15 DEC 95
GM 19 FEB 96 000014

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA21-2

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566803

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7192.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 8

Data Analyzed: 11/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN SILOXANE	17.178	10	J R
2.	UNKNOWN SILOXANE	21.305	19	J R
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
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21.				
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27.				
28.				
29.				
30.				

TJF 15 DEC 95
LMM 19 FEB 96 000015

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HA23-4

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566804

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7193.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 15

Date Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl Chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene Chloride	15	U
67-64-1-----	Acetone	30	U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
540-59-0-----	1,2-Dichloroethene (total)	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	13	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5-----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6-----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-Pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-88-3-----	Toluene	3	J
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Xylene (total)	2	J

TJF 15 DEC 95
CMM 19 FEB 96

000016

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA23-4

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566804

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7193.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 15

Data Analyzed: 11/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2 ①

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN SILOXANE	17.187	11	J R
2.	UNKNOWN SILOXANE	21.296	18	J R
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
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30.				

TJF 15 DEC 95
QMI 19 FEB 96

000017

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HA31-2

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566805

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7194.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 14

Date Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl Chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene Chloride	12	U
67-64-1-----	Acetone	11	J
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
540-59-0-----	1,2-Dichloroethene (total)	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	7	J
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5-----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6-----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-Pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-88-3-----	Toluene	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Xylene (total)	12	U

TJF 15 DEC 95
GMM 19 FEB 96 000018

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA31-2

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566805

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7194.D

Level: (low/med) LOW ~

Date Received: 11/15/95

% Moisture: not dec. 14

Data Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0/

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.				
2.				
3.				
4.				
5.				
6.				
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TJF 15 DEC 95
CMM 19 FEB 96 000019

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HA33-4

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566806

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7195.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 16

Date Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl Chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene Chloride	13	U
67-64-1-----	Acetone	26	U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
540-59-0-----	1,2-Dichloroethene (total)	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	9	J
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5-----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	12	U
10061-02-6-----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-Pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-88-3-----	Toluene	12	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Xylene (total)	12	U

TJF 15 DEC 95

QUM 19 FEB 96 000020

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA33-4

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566806

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7195.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 16

Data Analyzed: 11/17/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 /

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
4.				
5.				
6.				
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TJF 15 DEC 95
CMM 19 FEB 96 000021

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

HA44-2

Amn

19 FEB 96

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566807

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7208.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 20

Date Analyzed: 11/20/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl Chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene Chloride	12	JB U
67-64-1-----	Acetone	22	
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
540-59-0-----	1,2-Dichloroethene (total)	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5-----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	4	J
10061-02-6-----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-Pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-88-3-----	Toluene	8	J
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Xylene (total)	3	J

FORM I VOA

TJF 15 DEC 95
Amn 19 FEB 96

NYSDEC ASP 12/91

000121

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA44-2 umn
19 FEB 96

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566807

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7208.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 20

Data Analyzed: 11/20/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 2

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	4.471	17	J
2.	UNKNOWN	4.757	9	J
3.	UNKNOWN SILOXANE	21.312	10	J R
4.				
5.				
6.				
7.				
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TJF 15 DEC 95

umn 19 FEB 96 000027

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HA43-4

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566808

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7197.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 20

Date Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl Chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene Chloride	12	U
67-64-1-----	Acetone	12	U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
540-59-0-----	1,2-Dichloroethene (total)	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5-----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	20000 2800	U
10061-02-6-----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-Pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-88-3-----	Toluene	120000 27000	U
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	70000 12	U
100-42-5-----	Styrene	12	U
1330-20-7-----	Xylene (total)	390000 73000	U

THE BENZENE, TOLUENE, AND XYLENE (TOTAL) RESULTS REPORTED HAVE BEEN
TRANSFERRED FROM THE FORM I OF HA-4(3-4)'DL, A 10X 000022
DILUTION OF SAMPLE HA-4(3-4)' FORM I VOA T/F 15 DEC 95

NYSDEC ASP 12/91

QMM 17 FEB 96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA43-4

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566808

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7197.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 20

Data Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 ✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	10.268	140	J
2.	UNKNOWN HYDROCARBON	10.681	180	J
3.	UNKNOWN HYDROCARBON	10.921	65	J
4.	UNKNOWN HYDROCARBON	11.285	260	J
5.	UNKNOWN HYDROCARBON	11.602	250	J
6.	UNKNOWN HYDROCARBON	12.466	250	J
7.	UNKNOWN	12.735	83	J
8.	UNKNOWN HYDROCARBON	14.464	96	J
9.	UNKNOWN AROMATIC	16.453	160	J
10.	UNKNOWN AROMATIC	19.455	96	J
11.				
12.				
13.				
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TJF 15 DEC 95

AM 19 FEB 96 000023

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HA43-4DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566808

Sample wt/vol: 4.0 (g/mL) G

Lab File ID: P7987.D

Level: (low/med) MED

Date Received: 11/15/95

% Moisture: not dec. 20

Date Analyzed: 11/20/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100 (uL)

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

CAS NO.

COMPOUND

Q

74-87-3	Chloromethane	15000	U
74-83-9	Bromomethane	15000	U
75-01-4	Vinyl Chloride	15000	U
75-00-3	Chloroethane	15000	U
75-09-2	Methylene Chloride	43000	BD
67-64-1	Acetone	15000	U
75-15-0	Carbon Disulfide	15000	U
75-35-4	1,1-Dichloroethene	6000	JD
75-34-3	1,1-Dichloroethane	15000	U
540-59-0	1,2-Dichloroethene (total)	15000	U
67-66-3	Chloroform	1700	JD
107-06-2	1,2-Dichloroethane	15000	U
78-93-3	2-Butanone	15000	U
71-55-6	1,1,1-Trichloroethane	15000	U
56-23-5	Carbon Tetrachloride	15000	U
75-27-4	Bromodichloromethane	15000	U
78-87-5	1,2-Dichloropropane	15000	U
10061-01-5	cis-1,3-Dichloropropene	15000	U
79-01-6	Trichloroethene	5600	JD
124-48-1	Dibromochloromethane	15000	U
79-00-5	1,1,2-Trichloroethane	15000	U
71-43-2	Benzene	20000	D
10061-02-6	trans-1,3-Dichloropropene	15000	U
75-25-2	Bromoform	15000	U
108-10-1	4-Methyl-2-Pentanone	15000	U
591-78-6	2-Hexanone	15000	U
127-18-4	Tetrachloroethene	15000	U
79-34-5	1,1,2,2-Tetrachloroethane	15000	U
108-88-3	Toluene	120000	D
108-90-7	Chlorobenzene	6700	JD
100-41-4	Ethylbenzene	76000	D
100-42-5	Styrene	15000	U
1330-20-7	Xylene (total)	390000	D

15000 u

15000 u

THE BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE (TOTAL) RESULTS REPORTED
HAVE BEEN TRANSFERRED TO THE FORM I FOR THE ORIGINAL, UNDILUTED
ANALYSIS OF SAMPLE HA-4 (3-4'). FORM I VOA T/JF 15 DEC 95

WMD 17 FEB 96

NYSDEC ASP 12/91

000102

12/96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA43-4DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566808

Sample wt/vol: 4.0 (g/mL) G

Lab File ID: P7987.D

Level: (low/med) MED

Date Received: 11/15/95

% Moisture: not dec. 20

Data Analyzed: 11/20/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100 (uL)

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	5.115	120000	JD
2.	UNKNOWN HYDROCARBON	5.455	81000	JD
3.	UNKNOWN HYDROCARBON	5.775	95000	JD
4.	UNKNOWN HYDROCARBON	7.435	90000	JD
5.	UNKNOWN HYDROCARBON	7.714	120000	JD
6.	UNKNOWN HYDROCARBON	10.375	89000	JD
7.	UNKNOWN HYDROCARBON	10.694	79000	JD
8.	UNKNOWN AROMATIC	18.182	160000	JD
9.	UNKNOWN AROMATIC	19.224	170000	JD
10.	UNKNOWN AROMATIC	20.960	73000	JD
11.				
12.				
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TJF 15DEC95
GMM 19FEB96 000025

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

X-1

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566813

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7203.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 20

Date Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q

74-87-3-----	Chloromethane	62	U
74-83-9-----	Bromomethane	62	U
75-01-4-----	Vinyl Chloride	62	U
75-00-3-----	Chloroethane	62	U
75-09-2-----	Methylene Chloride	62	U
67-64-1-----	Acetone	62	U
75-15-0-----	Carbon Disulfide	62	U
75-35-4-----	1,1-Dichloroethene	62	U
75-34-3-----	1,1-Dichloroethane	62	U
540-59-0-----	1,2-Dichloroethene (total)	62	U
67-66-3-----	Chloroform	62	U
107-06-2-----	1,2-Dichloroethane	62	U
78-93-3-----	2-Butanone	62	U
71-55-6-----	1,1,1-Trichloroethane	62	U
56-23-5-----	Carbon Tetrachloride	62	U
75-27-4-----	Bromodichloromethane	62	U
78-87-5-----	1,2-Dichloropropane	62	U
10061-01-5-----	cis-1,3-Dichloropropene	62	U
79-01-6-----	Trichloroethene	62	U
124-48-1-----	Dibromochloromethane	62	U
79-00-5-----	1,1,2-Trichloroethane	62	U
71-43-2-----	Benzene	17000 11000	ED
10061-02-6-----	trans-1,3-Dichloropropene	62	U
75-25-2-----	Bromoform	62	U
108-10-1-----	4-Methyl-2-Pentanone	62	U
591-78-6-----	2-Hexanone	62	U
127-18-4-----	Tetrachloroethene	62	U
79-34-5-----	1,1,2,2-Tetrachloroethane	62	U
108-88-3-----	Toluene	160000 67000	ED
108-90-7-----	Chlorobenzene	62	U
100-41-4-----	Ethylbenzene	93000 62	ED
100-42-5-----	Styrene	62	U
1330-20-7-----	Xylene (total)	490000 170000	ED

THE BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE (TOTAL) RESULTS HAVE BE
TRANSFERRED FROM THE FORM I FOR HA-56 X-1 DL, A 000034
10 X DILUTION OF A MEDIUM LEVEL EXTRACT OF SAMPLE X-1
FORM I VOA

NYSDEC ASP 12/91

TJF 15 DEC 95

AMM 19 FEB 96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

X-1

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566813

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7203.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 20

Data Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 10✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	10.199	700	J
2.	UNKNOWN HYDROCARBON	10.650	910	J
3.	UNKNOWN HYDROCARBON	11.245	1400	J
4.	UNKNOWN	11.552	1400	J
5.	UNKNOWN HYDROCARBON	12.406	1300	J
6.	UNKNOWN	12.694	460	J
7.	UNKNOWN HYDROCARBON	14.433	520	J
8.	UNKNOWN AROMATIC	16.441	1000	J
9.	UNKNOWN AROMATIC	19.444	570	J
10.	UNKNOWN AROMATIC	20.512	420	J
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
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TJF 15 DEC 95
QMN 19 FEB 96 000035

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

X-1DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566813

Sample wt/vol: 4.0 (g/mL) G

Lab File ID: P7989.D

Level: (low/med) MED

Date Received: 11/15/95

% Moisture: not dec. 20

Date Analyzed: 11/20/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100 (uL)

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

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	15000	U
74-83-9-----	Bromomethane	15000	U
75-01-4-----	Vinyl Chloride	15000	U
75-00-3-----	Chloroethane	15000	U
75-09-2-----	Methylene Chloride	41000	BD
67-64-1-----	Acetone	15000	U
75-15-0-----	Carbon Disulfide	15000	U
75-35-4-----	1,1-Dichloroethene	15000	U
75-34-3-----	1,1-Dichloroethane	15000	U
540-59-0-----	1,2-Dichloroethene (total)	15000	U
67-66-3-----	Chloroform	15000	U
107-06-2-----	1,2-Dichloroethane	15000	U
78-93-3-----	2-Butanone	15000	U
71-55-6-----	1,1,1-Trichloroethane	15000	U
56-23-5-----	Carbon Tetrachloride	15000	U
75-27-4-----	Bromodichloromethane	15000	U
78-87-5-----	1,2-Dichloropropane	15000	U
10061-01-5-----	cis-1,3-Dichloropropene	15000	U
79-01-6-----	Trichloroethene	15000	U
124-48-1-----	Dibromochloromethane	15000	U
79-00-5-----	1,1,2-Trichloroethane	15000	U
71-43-2-----	Benzene	47000	D
10061-02-6-----	trans-1,3-Dichloropropene	15000	U
75-25-2-----	Bromoform	15000	U
108-10-1-----	4-Methyl-2-Pentanone	15000	U
591-78-6-----	2-Hexanone	15000	U
127-18-4-----	Tetrachloroethene	15000	U
79-34-5-----	1,1,2,2-Tetrachloroethane	15000	U
108-88-3-----	Toluene	160000	D
108-90-7-----	Chlorobenzene	15000	U
100-41-4-----	Ethylbenzene	95000	D
100-42-5-----	Styrene	15000	U
1330-20-7-----	Xylene (total)	490000	D

THE BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE (TOTAL) RESULTS HAVE
BEEN TRANSFERRED TO THE FORM I FOR THE ORIGINAL, UNDILUTED
LOW LEVEL ANALYSIS OF SAMPLE X-1. TJF 15 DEC 95
FORM I VOA

UM 19 FEB 96

5X DILUTION
NYSDEC ASP 12/910

000192

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

X-1DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566813

Sample wt/vol: 4.0 (g/mL) G

Lab File ID: P7989.D

Level: (low/med) MED

Date Received: 11/15/95

% Moisture: not dec. 20

Data Analyzed: 11/20/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100 (uL)

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	5.115	140000	JD
2.	UNKNOWN HYDROCARBON	5.455	95000	JD
3.	UNKNOWN HYDROCARBON	5.775	110000	JD
4.	UNKNOWN HYDROCARBON	7.436	100000	JD
5.	UNKNOWN HYDROCARBON	7.724	140000	JD
6.	UNKNOWN HYDROCARBON	10.386	110000	JD
7.	UNKNOWN HYDROCARBON	10.705	92000	JD
8.	UNKNOWN AROMATIC	18.183	190000	JD
9.	UNKNOWN AROMATIC	19.224	210000	JD
10.	UNKNOWN AROMATIC	20.957	85000	JD
11.				
12.				
13.				
14.				
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TJF 15 DEC 95
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HA51-2

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566809

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7209.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 9

Date Analyzed: 11/20/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO.

COMPOUND

Q

74-87-3-----	Chloromethane	11	U
74-83-9-----	Bromomethane	11	U
75-01-4-----	Vinyl Chloride	11	U
75-00-3-----	Chloroethane	11	U
75-09-2-----	Methylene Chloride	11	U
67-64-1-----	Acetone	18	U
75-15-0-----	Carbon Disulfide	11	U
75-35-4-----	1,1-Dichloroethene	11	U
75-34-3-----	1,1-Dichloroethane	11	U
540-59-0-----	1,2-Dichloroethene (total)	11	U
67-66-3-----	Chloroform	11	U
107-06-2-----	1,2-Dichloroethane	11	U
78-93-3-----	2-Butanone	11	U
71-55-6-----	1,1,1-Trichloroethane	11	U
56-23-5-----	Carbon Tetrachloride	11	U
75-27-4-----	Bromodichloromethane	11	U
78-87-5-----	1,2-Dichloropropane	11	U
10061-01-5-----	cis-1,3-Dichloropropene	11	U
79-01-6-----	Trichloroethene	11	U
124-48-1-----	Dibromochloromethane	11	U
79-00-5-----	1,1,2-Trichloroethane	11	U
71-43-2-----	Benzene	6	J
10061-02-6-----	trans-1,3-Dichloropropene	11	U
75-25-2-----	Bromoform	11	U
108-10-1-----	4-Methyl-2-Pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	11	U
79-34-5-----	1,1,2,2-Tetrachloroethane	11	U
108-88-3-----	Toluene	5	J
108-90-7-----	Chlorobenzene	11	U
100-41-4-----	Ethylbenzene	8	J
100-42-5-----	Styrene	11	U
1330-20-7-----	Xylene (total)	32	

TJF 15 DEC 95

QMD 19 FEB 96

000131

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA51-2

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566809

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7209.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 9

Data Analyzed: 11/20/95

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 3

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN SILOXANE	17.169	10	J R
2.	UNKNOWN AROMATIC	20.354	6	J
3.	UNKNOWN SILOXANE	21.307	10	J R
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6.				
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TJF 15 DEC 95

QMM 19 FEB 96

000029

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HA53-4

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566810

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7199.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 14

Date Analyzed: 11/17/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	12	U
74-83-9-----	Bromomethane	12	U
75-01-4-----	Vinyl Chloride	12	U
75-00-3-----	Chloroethane	12	U
75-09-2-----	Methylene Chloride	12	U
67-64-1-----	Acetone	12	U
75-15-0-----	Carbon Disulfide	12	U
75-35-4-----	1,1-Dichloroethene	12	U
75-34-3-----	1,1-Dichloroethane	12	U
540-59-0-----	1,2-Dichloroethene (total)	12	U
67-66-3-----	Chloroform	12	U
107-06-2-----	1,2-Dichloroethane	12	U
78-93-3-----	2-Butanone	12	U
71-55-6-----	1,1,1-Trichloroethane	12	U
56-23-5-----	Carbon Tetrachloride	12	U
75-27-4-----	Bromodichloromethane	12	U
78-87-5-----	1,2-Dichloropropane	12	U
10061-01-5-----	cis-1,3-Dichloropropene	12	U
79-01-6-----	Trichloroethene	12	U
124-48-1-----	Dibromochloromethane	12	U
79-00-5-----	1,1,2-Trichloroethane	12	U
71-43-2-----	Benzene	19000 1800	E JD
10061-02-6-----	trans-1,3-Dichloropropene	12	U
75-25-2-----	Bromoform	12	U
108-10-1-----	4-Methyl-2-Pentanone	12	U
591-78-6-----	2-Hexanone	12	U
127-18-4-----	Tetrachloroethene	12	U
79-34-5-----	1,1,2,2-Tetrachloroethane	12	U
108-88-3-----	Toluene	170000 9700	E JD
108-90-7-----	Chlorobenzene	12	U
100-41-4-----	Ethylbenzene	6300 4300	E JD
100-42-5-----	Styrene	12	U
1330-20-7-----	Xylene (total)	390000 16000	E D

RESULTS

THE BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE (TOTAL) HAVE BEEN TRANSFERRED FROM THE FORM I FOR HA-5 (3-4) DL, A 10 X DILUTION OF A MEDIUM LEVEL EXTRACT OF SAMPLE HA-5 (3-4). NJF 15DEC95

FORM I VOA

NYSDEC ASP 12/91

UMM 19 FEB 96

000030

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA53-4

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566810

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: M7199.D

Level: (low/med) LOW

Date Received: 11/15/95

% Moisture: not dec. 14

Data Analyzed: 11/17/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 ✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	10.607	200	J
2.	UNKNOWN HYDROCARBON	11.153	260	J
3.	UNKNOWN HYDROCARBON	11.470	250	J
4.	UNKNOWN	12.303	180	J
5.	UNKNOWN HYDROCARBON	14.347	180	J
6.	UNKNOWN AROMATIC	19.328	340	J
7.	UNKNOWN AROMATIC	19.453	140	J
8.	UNKNOWN AROMATIC	20.414	400	J
9.	UNKNOWN AROMATIC	21.539	160	J
10.	UNKNOWN AROMATIC	22.116	140	J
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
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TJF 15 DEC 95
CMT 19 FEB 96

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

HA53-4DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566810

Sample wt/vol: 4.0 (g/mL) G

Lab File ID: P7988.D

Level: (low/med) MED

Date Received: 11/15/95

% Moisture: not dec. 14

Date Analyzed: 11/20/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100 (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	14000	U
74-83-9	Bromomethane	14000	U
75-01-4	Vinyl Chloride	14000	U
75-00-3	Chloroethane	14000	U
75-09-2	Methylene Chloride	34000	BD
67-64-1	Acetone	14000	U
75-15-0	Carbon Disulfide	14000	U
75-35-4	1,1-Dichloroethene	14000	U
75-34-3	1,1-Dichloroethane	14000	U
540-59-0	1,2-Dichloroethene (total)	14000	U
67-66-3	Chloroform	14000	U
107-06-2	1,2-Dichloroethane	14000	U
78-93-3	2-Butanone	14000	U
71-55-6	1,1,1-Trichloroethane	14000	U
56-23-5	Carbon Tetrachloride	14000	U
75-27-4	Bromodichloromethane	14000	U
78-87-5	1,2-Dichloropropane	14000	U
10061-01-5	cis-1,3-Dichloropropene	14000	U
79-01-6	Trichloroethene	14000	U
124-48-1	Dibromochloromethane	14000	U
79-00-5	1,1,2-Trichloroethane	14000	U
71-43-2	Benzene	1900	JD
10061-02-6	trans-1,3-Dichloropropene	14000	U
75-25-2	Bromoform	14000	U
108-10-1	4-Methyl-2-Pentanone	14000	U
591-78-6	2-Hexanone	14000	U
127-18-4	Tetrachloroethene	14000	U
79-34-5	1,1,2,2-Tetrachloroethane	14000	U
108-88-3	Toluene	13000	JD
108-90-7	Chlorobenzene	14000	U
100-41-4	Ethylbenzene	6800	JD
100-42-5	Styrene	14000	U
1330-20-7	Xylene (total)	39000	D

THE BENZENE, TOLUENE, ETHYLBENZENE AND XYLENE (TOTAL) RESULTS HAVE BEEN TRANSFERRED FROM THE FORM I FOR THE ORIGINAL, LOW-LEVEL, UNDILUTED ANALYSIS OF SAMPLE HA-5 (3-4'). FORM I VOA

NYSDEC ASP 12/91

TJF 15 DEC 95
CMM 19 FEB 96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

HA53-4DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25668

SAS No.:

SDG No.: OR1

Matrix: (soil/water) SOIL

Lab Sample ID: 2566810

Sample wt/vol: 4.0 (g/mL) G

Lab File ID: P7988.D

Level: (low/med) MED

Date Received: 11/15/95

% Moisture: not dec. 14

Data Analyzed: 11/20/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: 10000 (uL)

Soil Aliquot Volume: 100 (uL)

Number TICs found: 10

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN HYDROCARBON	5.108	9000	JD
2.	UNKNOWN HYDROCARBON	10.389	11000	JD
3.	UNKNOWN HYDROCARBON	10.698	8600	JD
4.	UNKNOWN HYDROCARBON	11.523	9100	JD
5.	UNKNOWN HYDROCARBON	13.535	9300	JD
6.	UNKNOWN AROMATIC	18.176	24000	JD
7.	UNKNOWN AROMATIC	18.300	10000	JD
8.	UNKNOWN AROMATIC	19.218	26000	JD
9.	UNKNOWN AROMATIC	20.760	8500	JD
10.	UNKNOWN AROMATIC	20.950	10000	JD
11.				
12.				
13.				
14.				
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16.				
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TJF 15 DEC 95
CMM 19 FEB 96

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BTEX - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB-06A
CONC. LEVEL: LOW LAB ID: 2574101
DATE RECEIVED: 11/22/95 DIL FACTOR: 1.00
DATE ANALYZED: 11/30/95 % MOISTURE: 10

		UG/KG	
CMPD #	CAS Number	VOLATILE COMPOUNDS	(DRY BASIS)
1	71-43-2	Benzene	5.6
2	108-88-3	Toluene	4.4
3	100-41-4	Ethylbenzene	6.4
4	1330-20-7	Xylene (total)	20.0

BTEX - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANIC ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB-07A
CONC. LEVEL: LOW LAB ID: 2574102
DATE RECEIVED: 11/22/95 DIL FACTOR: 1.00
DATE ANALYZED: 12/01/95 % MOISTURE: 9

		UG/KG.	
		(DRY BASIS)	
CMPD #	CAS Number	VOLATILE COMPOUNDS	
1	71-43-2	Benzene	1.1 U
2	108-88-3	Toluene	1.1 U
3	100-41-4	Ethylbenzene	1.1 U
4	1330-20-7	Xylene (total)	1.1 U

BTEX - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB09A
CONC. LEVEL: LOW LAB ID: 2578101
DATE RECEIVED: 11/29/95 DIL FACTOR: 1.00
DATE ANALYZED: 12/04/95 % MOISTURE: 13

		UG/KG	
CMPD #	CAS Number	VOLATILE COMPOUNDS	(DRY BASIS)
1	71-43-2	Benzene	0.8 J
2	108-88-3	Toluene	1.1 U
3	100-41-4	Ethylbenzene	1.1 U
4	1330-20-7	Xylene (total)	0.8 J

BTEX - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB-07
CONC. LEVEL: LOW LAB ID: 2580501
DATE RECEIVED: 12/01/95 DIL FACTOR: 1.00
DATE ANALYZED: 12/02/95 % MOISTURE: 13

		UG/KG	
CMPD #	CAS Number	VOLATILE COMPOUNDS	(DRY BASIS)
1	71-43-2	Benzene	1.1 U
2	108-88-3	Toluene	1.1 U
3	100-41-4	Ethylbenzene	1.1 U
4	1330-20-7	Xylene (total)	1.1 U

BTEX - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB-09
CONC. LEVEL: LOW LAB ID: 2580504
DATE RECEIVED: 12/01/95 DIL FACTOR: 1.00
DATE ANALYZED: 12/02/95 % MOISTURE: 27

UG/KG

CMPD # CAS Number VOLATILE COMPOUNDS (DRY BASIS)

1	71-43-2	Benzene	13.0
2	108-88-3	Toluene	1.4 U
3	100-41-4	Ethylbenzene	1.4 U
4	1330-20-7	Xylene (total)	1.4 U

BTEX - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB-14A
CONC. LEVEL: LOW LAB ID: 2580505
DATE RECEIVED: 12/01/95 DIL FACTOR: 1.00
DATE ANALYZED: 12/03/95 % MOISTURE: 13

		UG/KG	
		(DRY BASIS)	
CPMPD #	CAS Number	VOLATILE COMPOUNDS	
1	71-43-2	Benzene	1.1 U
2	108-88-3	Toluene	1.1 U
3	100-41-4	Ethylbenzene	1.1 U
4	1330-20-7	Xylene (total)	1.1 U

BTEX - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB16
CONC. LEVEL: LOW LAB ID: 2592102
DATE RECEIVED: 12/07/95 DIL FACTOR: 1.00
DATE ANALYZED: 12/08/95 % MOISTURE: 11

		UG/KG	
		(DRY BASIS)	
CMPD #	CAS Number	VOLATILE COMPOUNDS	
1	71-43-2	Benzene	1.1 U
2	108-88-3	Toluene	1.1 U
3	100-41-4	Ethylbenzene	1.1 U
4	1330-20-7	Xylene (total)	1.1 U

BTEX - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB17
CONC. LEVEL: LOW LAB ID: 2592103
DATE RECEIVED: 12/07/95 DIL FACTOR: 1.00
DATE ANALYZED: 12/08/95 % MOISTURE: 11

UG/KG

CMPD # CAS Number VOLATILE COMPOUNDS (DRY BASIS)

1	71-43-2	Benzene	1.1 U
2	108-88-3	Toluene	1.1 U
3	100-41-4	Ethylbenzene	1.1 U
4	1330-20-7	Xylene (total)	1.2

BTEX - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB19
CONC. LEVEL: LOW LAB ID: 2592104
DATE RECEIVED: 12/07/95 DIL FACTOR: 1.00
DATE ANALYZED: 12/08/95 % MOISTURE: 10

UG/KG

CMPD # CAS Number VOLATILE COMPOUNDS (DRY BASIS)

1	71-43-2	Benzene	1.1 U
2	108-88-3	Toluene	1.1 U
3	100-41-4	Ethylbenzene	1.1 U
4	1330-20-7	Xylene (total)	1.1 U

8021 - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL
DATE RECEIVED: 12/11/95

SAMPLE ID : DWSB01
LAB ID : 2595401

VOLATILE COMPOUNDS

CONCENTRATION: LOW
DATE ANALYZED: 12/12/95
DIL FACTOR: 1
% MOISTURE: 12

CAS Number		UG/KG (DRY BASIS)	CAS Number		UG/KG (DRY BASIS)
71-43-2	Benzene	1.1 U	107-06-2	1,2-Dichloroethane	1.1 U
108-86-1	Bromobenzene	1.1 U	75-35-4	1,1-Dichloroethene	1.1 U
74-97-5	Bromochloromethane	1.1 U	540-59-0	1,2-Dichloroethene (total)	1.1 U
75-27-4	Bromodichloromethane	1.1 U	78-87-5	1,2-Dichloropropane	1.1 U
75-25-2	Bromoform	1.1 U	142-28-9	1,3-Dichloropropane	1.1 U
74-83-9	Bromomethane	1.1 U	590-20-7	2,2-Dichloropropane	1.1 U
135-98-8	sec-Butylbenzene	1.1 U	563-58-6	1,1-Dichloropropene	1.1 U
98-06-6	tert-Butylbenzene	1.1 U	100-41-4	Ethylbenzene	1.1 U
56-23-5	Carbon Tetrachloride	1.1 U	87-68-3	Hexachlorobutadiene	1.1 U
108-90-7	Chlorobenzene	1.1 U	98-82-8	Isopropylbenzene	1.1 U
75-00-3	Chloroethane	1.1 U	75-09-2	Methylene Chloride	8.5 B
67-66-3	Chloroform	1.1 U	103-65-1	n-Propylbenzene	1.1 U
74-87-3	Chloromethane	1.1 U	100-42-5	Styrene	1.1 U
95-49-8	2-Chlorotoluene	1.1 U	630-20-5	1,1,1,2-Tetrachloroethane	1.1 U
106-43-4	4-Chlorotoluene	1.1 U	79-34-5	1,1,2,2-Tetrachloroethane	1.1 U
124-48-1	Dibromochloromethane	1.1 U	127-18-4	Tetrachloroethene	1.1 U
96-12-8	1,2-Dibromo-3-Chloropropane	1.1 U	108-88-3	Toluene	1.1 U
106-93-4	1,2-Dibromoethane	1.1 U	1330-20-7	Xylene (total)	1.1 U
74-95-3	Dibromomethane	1.1 U	71-55-6	1,1,1-Trichloroethane	1.1 U
95-50-1	1,2-Dichlorobenzene	1.1 U	79-00-5	1,1,2-Trichloroethane	1.1 U
541-73-1	1,3-Dichlorobenzene	1.1 U	79-01-6	Trichloroethene	1.1 U
106-46-7	1,4-Dichlorobenzene	1.1 U	75-69-4	Trichlorofluoromethane	1.1 U
75-71-8	Dichlorodifluoromethane	1.1 U	96-18-4	1,2,3-Trichloropropane	1.1 U
75-34-3	1,1-Dichloroethane	1.1 U	75-01-4	Vinyl Chloride	1.1 U
108-67-8	1,3,5-Trimethylbenzene	1.1 U	99-87-6	p-Isopropyltoluene	1.1 U
95-63-6	1,2,4-Trimethylbenzene	1.1 U	120-82-1	1,2,4-Trichlorobenzene	1.1 U
104-51-8	n-Butylbenzene	1.1 U	87-61-6	1,2,3-Trichlorobenzene	1.1 U
91-20-3	Naphthalene	1.1 U	10061-01-5	cis-1,3-Dichloropropene	1.1 U
			10061-02-6	trans-1,3-Dichloropropene	1.1 U

8021 - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL
DATE RECEIVED: 12/11/95

SAMPLE ID : DWSB02
LAB ID : 2595402

VOLATILE COMPOUNDS

CONCENTRATION: LOW
DATE ANALYZED: 12/12/95
DIL FACTOR: 1
% MOISTURE: 13

CAS Number		UG/KG (DRY BASIS)	CAS Number		UG/KG (DRY BASIS)
71-43-2	Benzene	1.1 U	107-06-2	1,2-Dichloroethane	1.1 U
108-86-1	Bromobenzene	1.1 U	75-35-4	1,1-Dichloroethene	1.1 U
74-97-5	Bromochloromethane	1.1 U	540-59-0	1,2-Dichloroethene (total)	1.1 U
75-27-4	Bromodichloromethane	1.1 U	78-87-5	1,2-Dichloropropane	1.1 U
75-25-2	Bromoform	1.1 U	142-28-9	1,3-Dichloropropane	1.1 U
74-83-9	Bromomethane	1.1 U	590-20-7	2,2-Dichloropropane	1.1 U
135-98-8	sec-Butylbenzene	1.1 U	563-58-6	1,1-Dichloropropene	1.1 U
98-06-6	tert-Butylbenzene	1.1 U	100-41-4	Ethylbenzene	1.1 U
56-23-5	Carbon Tetrachloride	1.1 U	87-68-3	Hexachlorobutadiene	1.1 U
108-90-7	Chlorobenzene	1.1 U	98-82-8	Isopropylbenzene	1.1 U
75-00-3	Chloroethane	1.1 U	75-09-2	Methylene Chloride	5.0 B
67-66-3	Chloroform	1.1 U	103-65-1	n-Propylbenzene	1.1 U
74-87-3	Chloromethane	1.1 U	100-42-5	Styrene	1.1 U
95-49-8	2-Chlorotoluene	1.1 U	630-20-5	1,1,1,2-Tetrachloroethane	1.1 U
106-43-4	4-Chlorotoluene	1.1 U	79-34-5	1,1,2,2-Tetrachloroethane	1.1 U
124-48-1	Dibromochloromethane	1.1 U	127-18-4	Tetrachloroethene	1.1 U
96-12-8	1,2-Dibromo-3-Chloropropane	1.1 U	108-88-3	Toluene	1.1 U
106-93-4	1,2-Dibromoethane	1.1 U	1330-20-7	Xylene (total)	1.1 U
74-95-3	Dibromomethane	1.1 U	71-55-6	1,1,1-Trichloroethane	1.1 U
95-50-1	1,2-Dichlorobenzene	1.1 U	79-00-5	1,1,2-Trichloroethane	1.1 U
541-73-1	1,3-Dichlorobenzene	1.1 U	79-01-6	Trichloroethene	1.1 U
106-46-7	1,4-Dichlorobenzene	1.1 U	75-69-4	Trichlorofluoromethane	1.1 U
75-71-8	Dichlorodifluoromethane	1.1 U	96-18-4	1,2,3-Trichloropropane	1.1 U
75-34-3	1,1-Dichloroethane	1.1 U	75-01-4	Vinyl Chloride	1.1 U
108-67-8	1,3,5-Trimethylbenzene	1.1 U	99-87-6	p-Isopropyltoluene	1.1 U
95-63-6	1,2,4-Trimethylbenzene	1.1 U	120-82-1	1,2,4-Trichlorobenzene	1.1 U
104-51-8	n-Butylbenzene	1.1 U	87-61-6	1,2,3-Trichlorobenzene	1.1 U
91-20-3	Naphthalene	1.1 U	10061-01-5	cis-1,3-Dichloropropene	1.1 U
			10061-02-6	trans-1,3-Dichloropropene	1.1 U

8021 - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL
DATE RECEIVED: 12/11/95

SAMPLE ID : DWSB03
LAB ID : 2595403

VOLATILE COMPOUNDS

CONCENTRATION: LOW
DATE ANALYZED: 12/13/95
DIL FACTOR: 1
% MOISTURE: 13

CAS Number		UG/KG (DRY BASIS)	CAS Number		UG/KG (DRY BASIS)
71-43-2	Benzene	1.1 U	107-06-2	1,2-Dichloroethane	1.1 U
108-86-1	Bromobenzene	1.1 U	75-35-4	1,1-Dichloroethene	1.1 U
74-97-5	Bromochloromethane	1.1 U	540-59-0	1,2-Dichloroethene (total)	1.1 U
75-27-4	Bromodichloromethane	1.1 U	78-87-5	1,2-Dichloropropane	1.1 U
75-25-2	Bromoform	1.1 U	142-28-9	1,3-Dichloropropane	1.1 U
74-83-9	Bromomethane	1.1 U	590-20-7	2,2-Dichloropropane	1.1 U
135-98-8	sec-Butylbenzene	1.1 U	563-58-6	1,1-Dichloropropene	1.1 U
98-06-6	tert-Butylbenzene	1.1 U	100-41-4	Ethylbenzene	1.1 U
56-23-5	Carbon Tetrachloride	1.1 U	87-68-3	Hexachlorobutadiene	1.1 U
108-90-7	Chlorobenzene	1.1 U	98-82-8	Isopropylbenzene	1.1 U
75-00-3	Chloroethane	1.1 U	75-09-2	Methylene Chloride	10.0 B
67-66-3	Chloroform	1.1 U	103-65-1	n-Propylbenzene	1.1 U
74-87-3	Chloromethane	1.1 U	100-42-5	Styrene	1.1 U
95-49-8	2-Chlorotoluene	1.1 U	630-20-5	1,1,1,2-Tetrachloroethane	1.1 U
106-43-4	4-Chlorotoluene	1.1 U	79-34-5	1,1,2,2-Tetrachloroethane	1.1 U
124-48-1	Dibromochloromethane	1.1 U	127-18-4	Tetrachloroethene	1.1 U
96-12-8	1,2-Dibromo-3-Chloropropane	1.1 U	108-88-3	Toluene	1.1 U
106-93-4	1,2-Dibromoethane	1.1 U	1330-20-7	Xylene (total)	1.1 U
74-95-3	Dibromomethane	1.1 U	71-55-6	1,1,1-Trichloroethane	1.1 U
95-50-1	1,2-Dichlorobenzene	1.1 U	79-00-5	1,1,2-Trichloroethane	1.1 U
541-73-1	1,3-Dichlorobenzene	1.1 U	79-01-6	Trichloroethene	1.1 U
106-46-7	1,4-Dichlorobenzene	1.1 U	75-69-4	Trichlorofluoromethane	1.1 U
75-71-8	Dichlorodifluoromethane	1.1 U	96-18-4	1,2,3-Trichloropropane	1.1 U
75-34-3	1,1-Dichloroethane	1.1 U	75-01-4	Vinyl Chloride	1.1 U
108-67-8	1,3,5-Trimethylbenzene	1.1 U	99-87-6	p-Isopropyltoluene	1.1 U
95-63-6	1,2,4-Trimethylbenzene	1.1 U	120-82-1	1,2,4-Trichlorobenzene	1.1 U
104-51-8	n-Butylbenzene	1.1 U	87-61-6	1,2,3-Trichlorobenzene	1.1 U
91-20-3	Naphthalene	1.1 U	10061-01-5	cis-1,3-Dichloropropene	1.1 U
			10061-02-6	trans-1,3-Dichloropropene	1.1 U

8021 - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL
DATE RECEIVED: 12/11/95

SAMPLE ID : DWSB04
LAB ID : 2595404

VOLATILE COMPOUNDS

CONCENTRATION: LOW
DATE ANALYZED: 12/13/95
DIL FACTOR: 1
% MOISTURE: 11

CAS Number		UG/KG (DRY BASIS)	CAS Number		UG/KG (DRY BASIS)
71-43-2	Benzene	1.1 U	107-06-2	1,2-Dichloroethane	1.1 U
108-86-1	Bromobenzene	1.1 U	75-35-4	1,1-Dichloroethene	1.1 U
74-97-5	Bromochloromethane	1.1 U	540-59-0	1,2-Dichloroethene (total)	1.1 U
75-27-4	Bromodichloromethane	1.1 U	78-87-5	1,2-Dichloropropane	1.1 U
75-25-2	Bromoform	1.1 U	142-28-9	1,3-Dichloropropane	1.1 U
74-83-9	Bromomethane	1.1 U	590-20-7	2,2-Dichloropropane	1.1 U
135-98-8	sec-Butylbenzene	1.1 U	563-58-6	1,1-Dichloropropene	1.1 U
98-06-6	tert-Butylbenzene	1.1 U	100-41-4	Ethylbenzene	1.1 U
56-23-5	Carbon Tetrachloride	1.1 U	87-68-3	Hexachlorobutadiene	1.1 U
108-90-7	Chlorobenzene	1.1 U	98-82-8	Isopropylbenzene	1.1 U
75-00-3	Chloroethane	1.1 U	75-09-2	Methylene Chloride	4.6 B
67-66-3	Chloroform	1.1 U	103-65-1	n-Propylbenzene	1.1 U
74-87-3	Chloromethane	1.1 U	100-42-5	Styrene	1.1 U
95-49-8	2-Chlorotoluene	1.1 U	630-20-5	1,1,1,2-Tetrachloroethane	1.1 U
106-43-4	4-Chlorotoluene	1.1 U	79-34-5	1,1,2,2-Tetrachloroethane	1.1 U
124-48-1	Dibromochloromethane	1.1 U	127-18-4	Tetrachloroethene	1.1 U
96-12-8	1,2-Dibromo-3-Chloropropane	1.1 U	108-88-3	Toluene	1.1 U
106-93-4	1,2-Dibromoethane	1.1 U	1330-20-7	Xylene (total)	1.1 U
74-95-3	Dibromomethane	1.1 U	71-55-6	1,1,1-Trichloroethane	1.1 U
95-50-1	1,2-Dichlorobenzene	1.1 U	79-00-5	1,1,2-Trichloroethane	1.1 U
541-73-1	1,3-Dichlorobenzene	1.1 U	79-01-6	Trichloroethene	1.1 U
106-46-7	1,4-Dichlorobenzene	1.1 U	75-69-4	Trichlorofluoromethane	1.1 U
75-71-8	Dichlorodifluoromethane	1.1 U	96-18-4	1,2,3-Trichloropropane	1.1 U
75-34-3	1,1-Dichloroethane	1.1 U	75-01-4	Vinyl Chloride	1.1 U
108-67-8	1,3,5-Trimethylbenzene	1.1 U	99-87-6	p-Isopropyltoluene	1.1 U
95-63-6	1,2,4-Trimethylbenzene	1.1 U	120-82-1	1,2,4-Trichlorobenzene	1.1 U
104-51-8	n-Butylbenzene	1.1 U	87-61-6	1,2,3-Trichlorobenzene	1.1 U
91-20-3	Naphthalene	1.1 U	10061-01-5	cis-1,3-Dichloropropene	1.1 U
			10061-02-6	trans-1,3-Dichloropropene	1.1 U

8021 - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL
DATE RECEIVED: 12/12/95

SAMPLE ID : 05A46
LAB ID : 2595901

VOLATILE COMPOUNDS

CONCENTRATION: LOW
DATE ANALYZED: 12/13/95
DIL FACTOR: 1
% MOISTURE: 9

CAS Number		UG/KG (DRY BASIS)	CAS Number		UG/KG (DRY BASIS)
71-43-2	Benzene	1.1 U	107-06-2	1,2-Dichloroethane	1.1 U
108-86-1	Bromobenzene	1.1 U	75-35-4	1,1-Dichloroethene	1.1 U
74-97-5	Bromochloromethane	1.1 U	540-59-0	1,2-Dichloroethene (total)	1.1 U
75-27-4	Bromodichloromethane	1.1 U	78-87-5	1,2-Dichloropropane	1.1 U
75-25-2	Bromoform	1.1 U	142-28-9	1,3-Dichloropropane	1.1 U
74-83-9	Bromomethane	1.1 U	590-20-7	2,2-Dichloropropane	1.1 U
135-98-8	sec-Butylbenzene	1.1 U	563-58-6	1,1-Dichloropropene	1.1 U
98-06-6	tert-Butylbenzene	1.1 U	100-41-4	Ethylbenzene	1.1 U
56-23-5	Carbon Tetrachloride	1.1 U	87-68-3	Hexachlorobutadiene	1.1 U
108-90-7	Chlorobenzene	1.1 U	98-82-8	Isopropylbenzene	1.1 U
75-00-3	Chloroethane	1.1 U	75-09-2	Methylene Chloride	3.1 B
67-66-3	Chloroform	1.1 U	103-65-1	n-Propylbenzene	1.1 U
74-87-3	Chloromethane	1.1 U	100-42-5	Styrene	1.1 U
95-49-8	2-Chlorotoluene	1.1 U	630-20-5	1,1,1,2-Tetrachloroethane	1.1 U
106-43-4	4-Chlorotoluene	1.1 U	79-34-5	1,1,2,2-Tetrachloroethane	1.1 U
124-48-1	Dibromochloromethane	1.1 U	127-18-4	Tetrachloroethene	1.1 U
96-12-8	1,2-Dibromo-3-Chloropropane	1.1 U	108-88-3	Toluene	1.1 U
106-93-4	1,2-Dibromoethane	1.1 U	1330-20-7	Xylene (total)	1.1 U
74-95-3	Dibromomethane	1.1 U	71-55-6	1,1,1-Trichloroethane	1.1 U
95-50-1	1,2-Dichlorobenzene	1.1 U	79-00-5	1,1,2-Trichloroethane	1.1 U
541-73-1	1,3-Dichlorobenzene	1.1 U	79-01-6	Trichloroethene	1.1 U
106-46-7	1,4-Dichlorobenzene	1.1 U	75-69-4	Trichlorofluoromethane	1.1 U
75-71-8	Dichlorodifluoromethane	1.1 U	96-18-4	1,2,3-Trichloropropane	1.1 U
75-34-3	1,1-Dichloroethane	1.1 U	75-01-4	Vinyl Chloride	1.1 U
108-67-8	1,3,5-Trimethylbenzene	1.1 U	99-87-6	p-Isopropyltoluene	1.1 U
95-63-6	1,2,4-Trimethylbenzene	1.1 U	120-82-1	1,2,4-Trichlorobenzene	1.1 U
104-51-8	n-Butylbenzene	1.1 U	87-61-6	1,2,3-Trichlorobenzene	1.1 U
91-20-3	Naphthalene	1.1 U	10061-01-5	cis-1,3-Dichloropropene	1.1 U
			10061-02-6	trans-1,3-Dichloropropene	1.1 U

8021 - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL
DATE RECEIVED: 12/12/95

SAMPLE ID : 05A24
LAB ID : 2595902

VOLATILE COMPOUNDS

CONCENTRATION: LOW
DATE ANALYZED: 12/12/95
DIL FACTOR: 1
% MOISTURE: 16

CAS Number		UG/KG (DRY BASIS)	CAS Number		UG/KG (DRY BASIS)
71-43-2	Benzene	1.2 U	107-06-2	1,2-Dichloroethane	1.2 U
108-86-1	Bromobenzene	1.2 U	75-35-4	1,1-Dichloroethene	1.2 U
74-97-5	Bromochloromethane	1.2 U	540-59-0	1,2-Dichloroethene (total)	1.2 U
75-27-4	Bromodichloromethane	1.2 U	78-87-5	1,2-Dichloropropane	1.2 U
75-25-2	Bromoform	1.2 U	142-28-9	1,3-Dichloropropane	1.2 U
74-83-9	Bromomethane	1.2 U	590-20-7	2,2-Dichloropropane	1.2 U
135-98-8	sec-Butylbenzene	1.2 U	563-58-6	1,1-Dichloropropene	1.2 U
98-06-6	tert-Butylbenzene	1.2 U	100-41-4	Ethylbenzene	1.2 U
56-23-5	Carbon Tetrachloride	1.2 U	87-68-3	Hexachlorobutadiene	1.2 U
108-90-7	Chlorobenzene	1.2 U	98-82-8	Isopropylbenzene	1.2 U
75-00-3	Chloroethane	1.2 U	75-09-2	Methylene Chloride	3.9 B
67-66-3	Chloroform	1.2 U	103-65-1	n-Propylbenzene	1.2 U
74-87-3	Chloromethane	1.2 U	100-42-5	Styrene	1.2 U
95-49-8	2-Chlorotoluene	1.2 U	630-20-5	1,1,1,2-Tetrachloroethane	1.2 U
106-43-4	4-Chlorotoluene	1.2 U	79-34-5	1,1,2,2-Tetrachloroethane	1.2 U
124-48-1	Dibromochloromethane	1.2 U	127-18-4	Tetrachloroethene	1.2 U
96-12-8	1,2-Dibromo-3-Chloropropane	1.2 U	108-88-3	Toluene	1.2 U
106-93-4	1,2-Dibromoethane	1.2 U	1330-20-7	Xylene (total)	1.2 U
74-95-3	Dibromomethane	1.2 U	71-55-6	1,1,1-Trichloroethane	1.2 U
95-50-1	1,2-Dichlorobenzene	1.2 U	79-00-5	1,1,2-Trichloroethane	1.2 U
541-73-1	1,3-Dichlorobenzene	1.2 U	79-01-6	Trichloroethene	1.2 U
106-46-7	1,4-Dichlorobenzene	1.2 U	75-69-4	Trichlorofluoromethane	1.2 U
75-71-8	Dichlorodifluoromethane	1.2 U	96-18-4	1,2,3-Trichloropropane	1.2 U
75-34-3	1,1-Dichloroethane	1.2 U	75-01-4	Vinyl Chloride	1.2 U
108-67-8	1,3,5-Trimethylbenzene	1.2 U	99-87-6	p-Isopropyltoluene	1.2 U
95-63-6	1,2,4-Trimethylbenzene	1.2 U	120-82-1	1,2,4-Trichlorobenzene	1.2 U
104-51-8	n-Butylbenzene	1.2 U	87-61-6	1,2,3-Trichlorobenzene	1.2 U
91-20-3	Naphthalene	1.2 U	10061-01-5	cis-1,3-Dichloropropene	1.2 U
			10061-02-6	trans-1,3-Dichloropropene	1.2 U

8021 - FORM 1
NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL
DATE RECEIVED: 12/13/95

SAMPLE ID : DWSB06
LAB ID : 2596701

VOLATILE COMPOUNDS

CONCENTRATION: LOW
DATE ANALYZED: 12/15/95
DIL FACTOR: 1
% MOISTURE: 7

CAS Number		UG/KG (DRY BASIS)	CAS Number		UG/KG (DRY BASIS)
71-43-2	Benzene	1.1 U	107-06-2	1,2-Dichloroethane	1.1 U
108-86-1	Bromobenzene	1.1 U	75-35-4	1,1-Dichloroethene	1.1 U
74-97-5	Bromochloromethane	1.1 U	540-59-0	1,2-Dichloroethene (total)	1.1 U
75-27-4	Bromodichloromethane	1.1 U	78-87-5	1,2-Dichloropropane	1.1 U
75-25-2	Bromoform	1.1 U	142-28-9	1,3-Dichloropropane	1.1 U
74-83-9	Bromomethane	1.1 U	590-20-7	2,2-Dichloropropane	1.1 U
135-98-8	sec-Butylbenzene	1.1 U	563-58-6	1,1-Dichloropropene	1.1 U
98-06-6	tert-Butylbenzene	1.1 U	100-41-4	Ethylbenzene	1.1 U
56-23-5	Carbon Tetrachloride	1.1 U	87-68-3	Hexachlorobutadiene	1.1 U
108-90-7	Chlorobenzene	1.1 U	98-82-8	Isopropylbenzene	1.1 U
75-00-3	Chloroethane	1.1 U	75-09-2	Methylene Chloride	6.4 B
67-66-3	Chloroform	1.1 U	103-65-1	n-Propylbenzene	1.1 U
74-87-3	Chloromethane	1.1 U	100-42-5	Styrene	1.1 U
95-49-8	2-Chlorotoluene	1.1 U	630-20-5	1,1,1,2-Tetrachloroethane	1.1 U
106-43-4	4-Chlorotoluene	1.1 U	79-34-5	1,1,2,2-Tetrachloroethane	1.1 U
124-48-1	Dibromochloromethane	1.1 U	127-18-4	Tetrachloroethene	1.1 U
96-12-8	1,2-Dibromo-3-Chloropropane	1.1 U	108-88-3	Toluene	1.1 U
106-93-4	1,2-Dibromoethane	1.1 U	1330-20-7	Xylene (total)	1.1 U
74-95-3	Dibromomethane	1.1 U	71-55-6	1,1,1-Trichloroethane	1.1 U
95-50-1	1,2-Dichlorobenzene	1.1 U	79-00-5	1,1,2-Trichloroethane	1.1 U
541-73-1	1,3-Dichlorobenzene	1.1 U	79-01-6	Trichloroethene	1.1 U
106-46-7	1,4-Dichlorobenzene	1.1 U	75-69-4	Trichlorofluoromethane	1.1 U
75-71-8	Dichlorodifluoromethane	1.1 U	96-18-4	1,2,3-Trichloropropane	1.1 U
75-34-3	1,1-Dichloroethane	1.1 U	75-01-4	Vinyl Chloride	1.1 U
108-67-8	1,3,5-Trimethylbenzene	1.1 U	99-87-6	p-Isopropyltoluene	1.1 U
95-63-6	1,2,4-Trimethylbenzene	1.1 U	120-82-1	1,2,4-Trichlorobenzene	1.1 U
104-51-8	n-Butylbenzene	1.1 U	87-61-6	1,2,3-Trichlorobenzene	1.1 U
91-20-3	Naphthalene	1.1 U	10061-01-5	cis-1,3-Dichloropropene	1.1 U
			10061-02-6	trans-1,3-Dichloropropene	1.1 U

8080PCB - FORM 1
NYTEST ENVIRONMENTAL INC.

TCL PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB2424
CONC. LEVEL: LOW LAB SAMPLE ID: 2586801
EXTRACTION DATE: 12/08/95 DIL FACTOR: 1.00
ANALYSIS DATE: 12/15/95 % MOISTURE: 13

			UG/KG
			(DRY BASIS)
CMPD #	CAS Number	PCB COMPOUND	
1	12674-11-2	Aroclor-1016	92 U
2	11104-28-2	Aroclor-1221	92 U
3	11141-16-5	Aroclor-1232	92 U
4	53469-21-9	Aroclor-1242	92 U
5	12672-29-6	Aroclor-1248	92 U
6	11097-69-1	Aroclor-1254	2800
7	11096-82-5	Aroclor-1260	92 U

8080PCB - FORM 1
NYTEST ENVIRONMENTAL INC.

TCL PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB2444
CONC. LEVEL: LOW LAB SAMPLE ID: 2586802
EXTRACTION DATE: 12/08/95 DIL FACTOR: 1.00
ANALYSIS DATE: 12/15/95 % MOISTURE: 27

			UG/KG (DRY BASIS)
CMPD #	CAS Number	PCB COMPOUND	
1	12674-11-2	Aroclor-1016	110 U
2	11104-28-2	Aroclor-1221	110 U
3	11141-16-5	Aroclor-1232	110 U
4	53469-21-9	Aroclor-1242	110 U
5	12672-29-6	Aroclor-1248	110 U
6	11097-69-1	Aroclor-1254	E
7	11096-82-5	Aroclor-1260	110 U

8080PCB - FORM 1
NYTEST ENVIRONMENTAL INC.

TCL PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB2444DL
CONC. LEVEL: LOW LAB SAMPLE ID: 2586802
EXTRACTION DATE: 12/08/95 DIL FACTOR: 100.00
ANALYSIS DATE: 12/16/95 % MOISTURE: 27

CMPD #	CAS Number	PCB COMPOUND	UG/KG
			(DRY BASIS)
1	12674-11-2	Aroclor-1016	NA
2	11104-28-2	Aroclor-1221	NA
3	11141-16-5	Aroclor-1232	NA
4	53469-21-9	Aroclor-1242	NA
5	12672-29-6	Aroclor-1248	NA
6	11097-69-1	Aroclor-1254	120000
7	11096-82-5	Aroclor-1260	NA

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP96-1

Lab Name: NYTEST ENV INC Contract: 9522158

Lab Code: NYTEST Case No.: 26150 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 2615001

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 52 decanted: (Y/N) N Date Received: 01/12/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/17/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/24/96

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) Y pH: 5.9 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~toxaphene~~	~~710~~	~~U~~
12674-11-2	Aroclor-1016	140	U
11104-28-2	Aroclor-1221	280	U
11141-16-5	Aroclor-1232	140	U
53469-21-9	Aroclor-1242	140	U
12672-29-6	Aroclor-1248	140	U
11097-69-1	Aroclor-1254	1400	
11096-82-5	Aroclor-1260	140	U

W192124-8

000009

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP96-2

Lab Name: NYTEST ENV INC Contract: 9522158

Lab Code: NYTEST Case No.: 26150 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 2615002

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 32 decanted: (Y/N) N Date Received: 01/12/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/17/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/24/96

Injection Volume: 1.00 (uL) Dilution Factor: 2.00

GPC Cleanup: (Y/N) Y pH: 6.2 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~8001-35-2-----Dieldrin~~	~~500~~	~~U~~
12674-11-2-----Aroclor-1016	97	U
11104-28-2-----Aroclor-1221	200	U
11141-16-5-----Aroclor-1232	97	U
53469-21-9-----Aroclor-1242	97	U
12672-29-6-----Aroclor-1248	97	U
11097-69-1-----Aroclor-1254	840	
11096-82-5-----Aroclor-1260	97	U

WR
01-24-96

000010

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP96-3

Lab Name: NYTEST ENV INC Contract: 9522158

Lab Code: NYTEST Case No.: 26150 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 2615003

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date Received: 01/12/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/17/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/24/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~-----Dioxaphene~~	~~200~~	~~U~~
12674-11-2	-----Aroclor-1016	39	U
11104-28-2	-----Aroclor-1221	80	U
11141-16-5	-----Aroclor-1232	39	U
53469-21-9	-----Aroclor-1242	39	U
12672-29-6	-----Aroclor-1248	39	U
11097-69-1	-----Aroclor-1254	39	U
11096-82-5	-----Aroclor-1260	39	U

WAC 1-24-9

000011

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP96-4

Lab Name: NYTEST ENV INC

Contract: 9522158

Lab Code: NYTEST

Case No.: 26150

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) SOIL

Lab Sample ID: 2615004

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 23 decanted: (Y/N) N

Date Received: 01/12/96

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/17/96

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/24/96

Injection Volume: 1.00 (uL)

Dilution Factor: 2.00

GPC Cleanup: (Y/N) Y

pH: 6.3

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

~~8001-35-2~~	~~Tenaphene~~	~~440~~	~~U~~
12674-11-2	Aroclor-1016	86	U
11104-28-2	Aroclor-1221	170	U
11141-16-5	Aroclor-1232	86	U
53469-21-9	Aroclor-1242	86	U
12672-29-6	Aroclor-1248	86	U
11097-69-1	Aroclor-1254	1900	E
11096-82-5	Aroclor-1260	86	U

WL 911-249

000012

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TP96-4DL

Lab Name: NYTEST ENV INC Contract: 9522158

Lab Code: NYTEST Case No.: 26150 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 2615004DL

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 23 decanted: (Y/N) N Date Received: 01/12/96

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/17/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/24/96

Injection Volume: 1.00 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) Y pH: 6.3 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~8001-35-2-----Toxaphene~~	~~2200~~	~~U~~
12674-11-2-----Aroclor-1016	430	U
11104-28-2-----Aroclor-1221	870	U
11141-16-5-----Aroclor-1232	430	U
53469-21-9-----Aroclor-1242	430	U
12672-29-6-----Aroclor-1248	430	U
11097-69-1-----Aroclor-1254	2000	D
11096-82-5-----Aroclor-1260	430	U

W4 @ 1-24-96

000013

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

SB01

Lab Code: NYTEST

Case No.: 25921

SAS No.:

SDG No.: OR4

Matrix: (soil/water) SOIL

Lab Sample ID: 2592101

Sample wt/vol: 5.0 (g/mL) G ✓

Lab File ID: P8308.D

Level: (low/med) LOW

Date Received: 12/07/95

% Moisture: not dec. 13 ✓

Data Analyzed: 12/12/95 ✓

Column: (pack/cap) CAP

Dilution Factor: 1.0 ✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG/ Q

74-87-3-----	Chloromethane	11	U
74-83-9-----	Bromomethane	11	U
75-01-4-----	Vinyl Chloride	11	U
75-00-3-----	Chloroethane	11	U
75-09-2-----	Methylene Chloride	12	U
67-64-1-----	Acetone	11	U
75-15-0-----	Carbon Disulfide	11	U
75-35-4-----	1,1-Dichloroethene	11	U
75-34-3-----	1,1-Dichloroethane	11	U
540-59-0-----	1,2-Dichloroethene (total)	11	U
67-66-3-----	Chloroform	11	U
107-06-2-----	1,2-Dichloroethane	11	U
78-93-3-----	2-Butanone	11	U
71-55-6-----	1,1,1-Trichloroethane ✓	3	J
56-23-5-----	Carbon Tetrachloride	11	U
75-27-4-----	Bromodichloromethane	11	U
78-87-5-----	1,2-Dichloropropane	11	U
10061-01-5-----	cis-1,3-Dichloropropene	11	U
79-01-6-----	Trichloroethene	11	U
124-48-1-----	Dibromochloromethane	11	U
79-00-5-----	1,1,2-Trichloroethane	11	U
71-43-2-----	Benzene	11	U
10061-02-6-----	trans-1,3-Dichloropropene	11	U
75-25-2-----	Bromoform	11	U
108-10-1-----	4-Methyl-2-Pentanone	11	U
591-78-6-----	2-Hexanone	11	U
127-18-4-----	Tetrachloroethene	11	U
79-34-5-----	1,1,2,2-Tetrachloroethane	11	U
108-88-3-----	Toluene	11	U
108-90-7-----	Chlorobenzene	11	U
100-41-4-----	Ethylbenzene	11	U
100-42-5-----	Styrene	11	U
1330-20-7-----	Xylene (total)	11	U
108-05-4-----	Vinyl Acetate	11	U

Amn

4 MAR 96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB01

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25921

SAS No.:

SDG No.: OR4

Matrix: (soil/water) SOIL

Lab Sample ID: 2592101

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: P8308.D

Level: (low/med) LOW

Date Received: 12/07/95

% Moisture: not dec. 13

Data Analyzed: 12/12/95

Column: (pack/cap) CAP

Dilution Factor: 1.0

Number TICs found: 0✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Qm7
4 MAR 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB0112

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25967

SAS No.:

SDG No.: OR5

Matrix: (soil/water) SOIL

Lab Sample ID: 2598102

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: P8427.D

Level: (low/med) LOW

Date Received: 12/14/95

% Moisture: not dec. 23

Data Analyzed: 12/18/95

Column: (pack/cap) CAP

Dilution Factor: 1.0

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

74-87-3-----	Chloromethane	13	U
74-83-9-----	Bromomethane	13	U
75-01-4-----	Vinyl Chloride	13	U
75-00-3-----	Chloroethane	13	U
75-09-2-----	Methylene Chloride	10	JB
67-64-1-----	Acetone	13	U
75-15-0-----	Carbon Disulfide	13	U
75-35-4-----	1,1-Dichloroethene	13	U
75-34-3-----	1,1-Dichloroethane	13	U
540-59-0-----	1,2-Dichloroethene (total)	13	U
67-66-3-----	Chloroform	13	U
107-06-2-----	1,2-Dichloroethane	13	U
78-93-3-----	2-Butanone	13	U
71-55-6-----	1,1,1-Trichloroethane	13	U
56-23-5-----	Carbon Tetrachloride	13	U
75-27-4-----	Bromodichloromethane	13	U
78-87-5-----	1,2-Dichloropropane	13	U
1006-01-5-----	cis-1,3-Dichloropropene	13	U
79-01-6-----	Trichloroethene	13	U
124-48-1-----	Dibromochloromethane	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
71-43-2-----	Benzene	13	U
10061-02-6-----	trans-1,3-Dichloropropene	13	U
75-25-2-----	Bromoform	13	U
108-10-1-----	4-Methyl-2-Pentanone	13	U
591-78-6-----	2-Hexanone	13	U
127-18-4-----	Tetrachloroethene	13	U
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
108-88-3-----	Toluene	13	U
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
100-42-5-----	Styrene	13	U
1330-20-7-----	Xylene (total)	13	U
108-05-4-----	Vinyl Acetate	13	U

000016

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB0112

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25967

SAS No.:

SDG No.: OR5

Matrix: (soil/water) SOIL

Lab Sample ID: 2598102

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: P8427.D

Level: (low/med) LOW

Date Received: 12/14/95

% Moisture: not dec. 23

Data Analyzed: 12/18/95

Column: (pack/cap) CAP

Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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000017

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

SDASB02

Lab Code: NYTEST

Case No.: 25967

SAS No.:

SDG No.: OR5

Matrix: (soil/water) SOIL

Lab Sample ID: 2596702

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: P8392.D

Level: (low/med) LOW

Date Received: 12/14/95

% Moisture: not dec. 21

Data Analyzed: 12/15/95

Column: (pack/cap) CAP

Dilution Factor: 1.0

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	13	U
74-83-9-----	Bromomethane	13	U
75-01-4-----	Vinyl Chloride	13	U
75-00-3-----	Chloroethane	13	U
75-09-2-----	Methylene Chloride	18	B
67-64-1-----	Acetone	13	U
75-15-0-----	Carbon Disulfide	13	U
75-35-4-----	1,1-Dichloroethene	13	U
75-34-3-----	1,1-Dichloroethane	13	U
540-59-0-----	1,2-Dichloroethene (total)	13	U
67-66-3-----	Chloroform	13	U
107-06-2-----	1,2-Dichloroethane	13	U
78-93-3-----	2-Butanone	13	U
71-55-6-----	1,1,1-Trichloroethane	13	U
56-23-5-----	Carbon Tetrachloride	13	U
75-27-4-----	Bromodichloromethane	13	U
78-87-5-----	1,2-Dichloropropane	13	U
10061-01-5-----	cis-1,3-Dichloropropene	13	U
79-01-6-----	Trichloroethene	3	J
124-48-1-----	Dibromochloromethane	13	U
79-00-5-----	1,1,2-Trichloroethane	13	U
71-43-2-----	Benzene	13	U
10061-02-6-----	trans-1,3-Dichloropropene	13	U
75-25-2-----	Bromoform	13	U
108-10-1-----	4-Methyl-2-Pentanone	13	U
591-78-6-----	2-Hexanone	13	U
127-18-4-----	Tetrachloroethene	13	U
79-34-5-----	1,1,2,2-Tetrachloroethane	13	U
108-88-3-----	Toluene	13	U
108-90-7-----	Chlorobenzene	13	U
100-41-4-----	Ethylbenzene	13	U
100-42-5-----	Styrene	13	U
1330-20-7-----	Xylene (total)	13	U
108-05-4-----	Vinyl Acetate	13	U

000018

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SDASB02

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 25967

SAS No.:

SDG No.: OR5

Matrix: (soil/water) SOIL

Lab Sample ID: 2596702

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: P8392.D

Level: (low/med) LOW

Date Received: 12/14/95

% Moisture: not dec. 21

Data Analyzed: 12/15/95

Column: (pack/cap) CAP

Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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8080PCB - FORM 1
NYTEST ENVIRONMENTAL INC.

TCL PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL
CONC. LEVEL: LOW
EXTRACTION DATE: 12/14/95
ANALYSIS DATE: 12/20/95

SAMPLE ID: SDASB02
LAB SAMPLE ID: 2596702
DIL FACTOR: 1.00
% MOISTURE: 21

CMPD #	CAS Number	PCB COMPOUND	UG/KG
			(DRY BASIS)
1	12674-11-2	Aroclor-1016	100 U
2	11104-28-2	Aroclor-1221	100 U
3	11141-16-5	Aroclor-1232	100 U
4	53469-21-9	Aroclor-1242	100 U
5	12672-29-6	Aroclor-1248	100 U
6	11097-69-1	Aroclor-1254	100 U
7	11096-82-5	Aroclor-1260	100 U

8080PCB - FORM 1
NYTEST ENVIRONMENTAL INC.

TCL PCB ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: SOIL SAMPLE ID: SB0146
CONC. LEVEL: LOW LAB SAMPLE ID: 2598101
EXTRACTION DATE: 12/16/95 DIL FACTOR: 1.00
ANALYSIS DATE: 12/18/95 % MOISTURE: 27

			UG/KG
CPD #	CAS Number	PCB COMPOUND	(DRY BASIS)
1	12674-11-2	Aroclor-1016	110 U
2	11104-28-2	Aroclor-1221	110 U
3	11141-16-5	Aroclor-1232	110 U
4	53469-21-9	Aroclor-1242	110 U
5	12672-29-6	Aroclor-1248	110 U
6	11097-69-1	Aroclor-1254	1700
7	11096-82-5	Aroclor-1260	110 U

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-1

Lab Name: NYTEST ENV INC Contract: 9521637
 Lab Code: NYTEST Case No.: 26080 SAS No.: _____ SDG No.: NYACK2
 Matrix: (soil/water) WATER Lab Sample ID: 2608001
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 12/27/95
 Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/28/95
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/10/96
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg)	<u>UG/L</u>
~~8001-35-2~~	~~-----Toxaphene~~	5.0	U
12674-11-2	-----Aroclor-1016	1.0	U
11104-28-2	-----Aroclor-1221	2.0	U
11141-16-5	-----Aroclor-1232	1.0	U
53469-21-9	-----Aroclor-1242	1.0	U
12672-29-6	-----Aroclor-1248	1.0	U
11097-69-1	-----Aroclor-1254	1.0	U
11096-82-5	-----Aroclor-1260	1.0	U

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-2

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26080 SAS No.: _____ SDG No.: NYACK2

Matrix: (soil/water) WATER

Lab Sample ID: 2608005

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 12/28/95✓

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/11/96✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00✓

GPC Cleanup: (Y/N) N✓ pH: 7.0

Sulfur Cleanup: (Y/N) N✓

CONCENTRATION UNITS:

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

Q

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
~~8001-35-2~~	~~Toxaphene~~	~~5.0 U~~	
12674-11-2-----	Aroclor-1016	1.0 U	
11104-28-2-----	Aroclor-1221	2.0 U	
11141-16-5-----	Aroclor-1232	1.0 U	
53469-21-9-----	Aroclor-1242	1.0 U	
12672-29-6-----	Aroclor-1248	1.0 U	
11097-69-1-----	Aroclor-1254	1.0 U	
11096-82-5-----	Aroclor-1260	1.0 U	

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14 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

X-2

Lab Code: NYTEST

Case No.: 26080

SAS No.: _____

SDG No.: NYACK2

Matrix: (soil/water) WATER

Lab Sample ID: 2608004

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 12/28/95 ✓

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/11/96 ✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N ✓

pH: 7.0

Sulfur Cleanup: (Y/N) N ✓

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

~~8001-35-3~~	~~Toxaphene~~	~~5.0~~	~~U~~
12674-11-2-----	Aroclor-1016	1.0	U
11104-28-2-----	Aroclor-1221	2.0	U
11141-16-5-----	Aroclor-1232	1.0	U
53469-21-9-----	Aroclor-1242	1.0	U
12672-29-6-----	Aroclor-1248	1.0	U
11097-69-1-----	Aroclor-1254	1.0	U
11096-82-5-----	Aroclor-1260	1.0	U

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14 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SW-3

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26080 SAS No.: _____ SDG No.: NYACK2

Matrix: (soil/water) WATER Lab Sample ID: 2608006

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 12/28/95

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/11/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

~~0001-35-2~~	~~Toxaphene~~	~~5.0~~	~~U~~
12674-11-2-----	Aroclor-1016	1.0	U
11104-28-2-----	Aroclor-1221	2.0	U
11141-16-5-----	Aroclor-1232	1.0	U
53469-21-9-----	Aroclor-1242	1.0	U
12672-29-6-----	Aroclor-1248	1.0	U
11097-69-1-----	Aroclor-1254	1.0	U
11096-82-5-----	Aroclor-1260	1.0	U

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14 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608720

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 22 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95 ✓

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/24/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓ pH: 6.9 Sulfur Cleanup: (Y/N) Y ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~-----Toxaphene~~	~~220~~	~~U~~
12674-11-2	-----Aroclor-1016	42	U
11104-28-2	-----Aroclor-1221	86	U
11141-16-5	-----Aroclor-1232	42	U
53469-21-9	-----Aroclor-1242	42	U
12672-29-6	-----Aroclor-1248	42	U
11097-69-1	-----Aroclor-1254	71	
11096-82-5	-----Aroclor-1260	42	U

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14 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-1RE

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608720RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 22 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonic) SONC Date Extracted: 01/19/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 3.00

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

8001-35-2-----	Toxaphene	650	U
12674-11-2-----	Aroclor-1016	130	U
11104-28-2-----	Aroclor-1221	260	U
11141-16-5-----	Aroclor-1232	130	U
53469-21-9-----	Aroclor-1242	130	U
12672-29-6-----	Aroclor-1248	130	U
11097-69-1-----	Aroclor-1254	52	JP
11096-82-5-----	Aroclor-1260	130	U

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14 FEB 96

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC Contract: 9521637

SED-2

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608719

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 29 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95 ✓

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/24/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓ pH: 7.7 Sulfur Cleanup: (Y/N) Y ✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~-----Toxaphene~~	~~340~~	~~U~~
12674-11-2	-----Aroclor-1016	46	U
11104-28-2	-----Aroclor-1221	94	U
11141-16-5	-----Aroclor-1232	46	U
53469-21-9	-----Aroclor-1242	46	U
12672-29-6	-----Aroclor-1248	46	U
11097-69-1	-----Aroclor-1254	46	U
11096-82-5	-----Aroclor-1260	46	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-2RE

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608719RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 29 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/96

/EXCEEDANCE

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.7

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

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

CAS NO.

COMPOUND

Q

~~0001-35-2~~	~~Tenaphene~~	~~240~~	~~U~~
12674-11-2	Aroclor-1016	46	U✓
11104-28-2	Aroclor-1221	94	U✓
11141-16-5	Aroclor-1232	46	U✓
53469-21-9	Aroclor-1242	46	U✓
12672-29-6	Aroclor-1248	46	U✓
11097-69-1	Aroclor-1254	46	U✓
11096-82-5	Aroclor-1260	46	U✓

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14 FEB 96

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

SED-3

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608718

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 31 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 12/29/95✓

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/24/96✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00✓

GPC Cleanup: (Y/N) Y✓

pH: 7.0

Sulfur Cleanup: (Y/N) Y✓

CAS NO.

COMPOUND

CONCENTRATION UNITS:

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

Q

~~8001-35-2~~	~~Toxaphene~~	~~250~~	~~U~~
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	97	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U

NA 12-26-96

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14 FEB 96

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-3RE

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608718RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 31 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/96 / EXCEEDANCE

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~0001-35-2-----Toxaphene~~	~~250~~	~~U~~
12674-11-2-----Aroclor-1016	48	U ✓
11104-28-2-----Aroclor-1221	97	U ✓
11141-16-5-----Aroclor-1232	48	U ✓
53469-21-9-----Aroclor-1242	48	U ✓
12672-29-6-----Aroclor-1248	48	U ✓
11097-69-1-----Aroclor-1254	48	U ✓
11096-82-5-----Aroclor-1260	48	U ✓

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14 FEB 96

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

SED-4

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608717

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 37 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 12/29/95✓

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/24/96✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00✓

GPC Cleanup: (Y/N) Y✓ pH: 6.8

Sulfur Cleanup: (Y/N) Y✓

CAS NO.

COMPOUND

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

Q

~~8001-35-3~~	~~-----Toxaphene~~	~~270~~	~~U~~
12674-11-2	-----Aroclor-1016	52	U
11104-28-2	-----Aroclor-1221	110	U
11141-16-5	-----Aroclor-1232	52	U
53469-21-9	-----Aroclor-1242	52	U
12672-29-6	-----Aroclor-1248	52	U
11097-69-1	-----Aroclor-1254	52	U
11096-82-5	-----Aroclor-1260	52	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-4RE

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608717RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 37 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/96 ✓ EXCEEDANCE

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~-----Toxaphene~~	~~270~~	~~U~~
12674-11-2	-----Aroclor-1016	52	U ✓
11104-28-2	-----Aroclor-1221	110	U ✓
11141-16-5	-----Aroclor-1232	52	U ✓
53469-21-9	-----Aroclor-1242	52	U ✓
12672-29-6	-----Aroclor-1248	52	U ✓
11097-69-1	-----Aroclor-1254	52	U ✓
11096-82-5	-----Aroclor-1260	52	U ✓

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

SED-5

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608714

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 55 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 12/29/95 ✓

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/24/96 ✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓

pH: 7.5

Sulfur Cleanup: (Y/N) Y ✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~9001-33-2~~	~~-----Toxaphene~~	~~380~~	~~U~~
12674-11-2	-----Aroclor-1016	73	U
11104-28-2	-----Aroclor-1221	150	U
11141-16-5	-----Aroclor-1232	73	U
53469-21-9	-----Aroclor-1242	73	U
12672-29-6	-----Aroclor-1248	73	U
11097-69-1	-----Aroclor-1254	73	U
11096-82-5	-----Aroclor-1260	73	U

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14 FEB 96*

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-5RE

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608714RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 55 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/96

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5

Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

~~8001-35-2~~	~~-----Toxaphene~~	~~500~~	~~U~~
12674-11-2	-----Aroclor-1016	73	U ✓
11104-28-2	-----Aroclor-1221	150	U ✓
11141-16-5	-----Aroclor-1232	73	U ✓
53489-21-9	-----Aroclor-1242	73	U ✓
12672-29-6	-----Aroclor-1248	73	U ✓
11097-69-1	-----Aroclor-1254	73	U ✓
11096-82-5	-----Aroclor-1260	73	U ✓

✓ EXCEEDANCE

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GMN
14 FEB 96

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

SED-6

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608713

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 55 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 12/29/95 ✓

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/24/96 ✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓

pH: 7.3

Sulfur Cleanup: (Y/N) Y ✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~Toxaphene~~	~~380~~	~~U~~
12674-11-2	Aroclor-1016	73	U
11104-28-2	Aroclor-1221	150	U
11141-16-5	Aroclor-1232	73	U
53469-21-9	Aroclor-1242	73	U
12672-29-6	Aroclor-1248	73	U
11097-69-1	Aroclor-1254	100	
11096-82-5	Aroclor-1260	73	U

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14 FEB 96*

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-6RE

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608713RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 55 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/96 ✓ EXCEEDANCE

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

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

CAS NO.

COMPOUND

Q

~~8001-35-2-----Dioxaphene~~	~~380~~	~~U~~
12674-11-2-----Aroclor-1016	73	U✓
11104-28-2-----Aroclor-1221	150	U✓
11141-16-5-----Aroclor-1232	73	U✓
53469-21-9-----Aroclor-1242	73	U✓
12672-29-6-----Aroclor-1248	73	U✓
11097-69-1-----Aroclor-1254	52	JP✓
11096-82-5-----Aroclor-1260	73	U✓

WT 9512695

Q117
14 FEB 96

000278

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC Contract: 9521637

SED-7

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608712

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 22 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/24/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~Toxaphene~~	~~220~~	~~U~~
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	86	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	230	U
11096-82-5	Aroclor-1260	42	U

WT 0.176g

Run
14 FEB 96

000288

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-7RE

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608712RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 22 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/96 ✓ EXCEEDANCE

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~Toxaphene~~	~~220~~	~~U~~
12674-11-2	Aroclor-1016	42	U ✓
11104-28-2	Aroclor-1221	86	U ✓
11141-16-5	Aroclor-1232	42	U ✓
53469-21-9	Aroclor-1242	42	U ✓
12672-29-6	Aroclor-1248	42	U ✓
11097-69-1	Aroclor-1254	27	JP ✓
11096-82-5	Aroclor-1260	42	U ✓

NA 1-26-96

UMN
14 FEB 96

000300

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-8

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608711

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95✓

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/17/96✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00✓

GPC Cleanup: (Y/N) Y✓ pH: 6.8 Sulfur Cleanup: (Y/N) Y✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~Toxaphene~~	~~210~~	~~U~~
12674-11-2-----	Aroclor-1016	41	U
11104-28-2-----	Aroclor-1221	84	U
11141-16-5-----	Aroclor-1232	41	U
53469-21-9-----	Aroclor-1242	41	U
12672-29-6-----	Aroclor-1248	41	U
11097-69-1-----	Aroclor-1254	41	U
11096-82-5-----	Aroclor-1260	41	U

MA-01742

Q117
14 FEB 96

000310

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-8RE

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608711RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/96 / EXCEEDANCE

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.8 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	41	U✓
11104-28-2	Aroclor-1221	84	U✓
11141-16-5	Aroclor-1232	41	U✓
53469-21-9	Aroclor-1242	41	U✓
12672-29-6	Aroclor-1248	41	U✓
11097-69-1	Aroclor-1254	41	U✓
11096-82-5	Aroclor-1260	24	J✓

WA 01/17/96

Q117
14 FEB 1996

000318

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC Contract: 9521637

SED-9

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608710

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 26 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95✓

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/17/96✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 /

GPC Cleanup: (Y/N) Y✓ pH: 7.7 Sulfur Cleanup: (Y/N) Y✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

8001-35-2-----Dioxaphene	230	U
12674-11-2-----Aroclor-1016	45	U
11104-28-2-----Aroclor-1221	91	U
11141-16-5-----Aroclor-1232	45	U
53469-21-9-----Aroclor-1242	45	U
12672-29-6-----Aroclor-1248	45	U
11097-69-1-----Aroclor-1254	45	U
11096-82-5-----Aroclor-1260	45	U

OK 2/17/96

CLM
14 FEB 96

000328

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-9RE

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608710RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 26 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/96 ✓ EXCEEDANCE

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.7 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

8001-35-2-----	Toxaphene	230	U
12674-11-2-----	Aroclor-1016	45	U✓
11104-28-2-----	Aroclor-1221	91	U✓
11141-16-5-----	Aroclor-1232	45	U✓
53469-21-9-----	Aroclor-1242	45	U✓
12672-29-6-----	Aroclor-1248	45	U✓
11097-69-1-----	Aroclor-1254	45	U✓
11096-82-5-----	Aroclor-1260	45	U✓

CLM7

14 FEB 96

000336

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

SED-10

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608709

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 52 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 12/29/95✓

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/17/96✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00✓

GPC Cleanup: (Y/N) Y✓

pH: 6.9

Sulfur Cleanup: (Y/N) Y✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~8001-35-2-----Toxaphene~~	~~350~~	~~U~~
12674-11-2-----Aroclor-1016	69	U
11104-28-2-----Aroclor-1221	140	U
11141-16-5-----Aroclor-1232	69	U
53469-21-9-----Aroclor-1242	69	U
12672-29-6-----Aroclor-1248	69	U
11097-69-1-----Aroclor-1254	69	U
11096-82-5-----Aroclor-1260	69	U

W/A CW 1-24-96

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14 FEB 96

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-10RE

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608709RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 52 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/96

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~0001-35-2-----~~	~~Hexaphene~~	~~350~~	~~U~~
12674-11-2-----	Aroclor-1016	69	U
11104-28-2-----	Aroclor-1221	140	U
11141-16-5-----	Aroclor-1232	69	U
53469-21-9-----	Aroclor-1242	69	U
12672-29-6-----	Aroclor-1248	69	U
11097-69-1-----	Aroclor-1254	69	U
11096-82-5-----	Aroclor-1260	69	U

NA-017-26-96

LMN
14 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-11

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608708

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 29 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 12/29/95

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/17/96

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.8

Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

CONCENTRATION UNITS:

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

Q

6001-35-2-----	Texaphene	240	U
12674-11-2-----	Aroclor-1016	46	U
11104-28-2-----	Aroclor-1221	94	U
11141-16-5-----	Aroclor-1232	46	U
53469-21-9-----	Aroclor-1242	46	U
12672-29-6-----	Aroclor-1248	46	U
11097-69-1-----	Aroclor-1254	46	U
11096-82-5-----	Aroclor-1260	30	JP ✓

WH-91-2621

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14 FEB 96

000048

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-11RE

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608708RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 29 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/96 ✓ *EXCEEDANCE*

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓ pH: 6.8 Sulfur Cleanup: (Y/N) Y ✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~9801-35-2~~	~~Toxaphene~~	~~240~~	~~U~~
12674-11-2-----	Aroclor-1016	46	UV
11104-28-2-----	Aroclor-1221	94	UV
11141-16-5-----	Aroclor-1232	46	UV
53469-21-9-----	Aroclor-1242	46	UV
12672-29-6-----	Aroclor-1248	46	UV
11097-69-1-----	Aroclor-1254	46	UV
11096-82-5-----	Aroclor-1260	~~3000~~ ~~2600~~	~~E~~ DV

NOT A F7082

THE AROCLOR 1260 RESULT REPORTED HAS BEEN TRANSFERRED FROM THE FORM I FOR SED-11RETL, A 10X DILUTION OF THE REEXTRACTION OF SAMPLE SED-11.

*AMT
14 FEB 96*

000061

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-11REDL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608708REDL

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 29 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/96 ✓ EXCEEDANCE

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/26/96 ✓

Injection Volume: 1.00 (uL)

Dilution Factor: 10.0 ✓

GPC Cleanup: (Y/N) Y ✓

pH: 6.8

Sulfur Cleanup: (Y/N) Y ✓

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

~~0001-35-2~~	~~-----Toxaphene~~	~~2400~~	~~U~~
12674-11-2	-----Aroclor-1016	460	U ✓
11104-28-2	-----Aroclor-1221	940	U ✓
11141-16-5	-----Aroclor-1232	460	U ✓
53469-21-9	-----Aroclor-1242	460	U ✓
12672-29-6	-----Aroclor-1248	460	U ✓
11097-69-1	-----Aroclor-1254	460	U ✓
11096-82-5	-----Aroclor-1260	3000	D ✓

WA 01-7494

THE AROCLOR-1260 RESULT REPORTED HAS BEEN TRANSFERRED TO THE FORM I FOR SED-11RE, THE ORIGINAL, UNDILUTED ANALYSIS OF THE REEXTRACTION OF SAMPLE SED-11.

AMT
14 FEB 96

000073

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-12

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608707

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 13 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/17/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.5 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~-----Toxaphene~~	200	U
12674-11-2	-----Aroclor-1016	~~38~~	~~U~~ R
11104-28-2	-----Aroclor-1221	~~77~~	~~U~~ R
11141-16-5	-----Aroclor-1232	~~38~~	~~U~~ R
53469-21-9	-----Aroclor-1242	~~38~~	~~U~~ R
12672-29-6	-----Aroclor-1248	~~38~~	~~U~~ R
11097-69-1	-----Aroclor-1254	~~38~~	~~U~~ R
11096-82-5	-----Aroclor-1260	~~38~~	~~U~~ R

WA 01-26-95

*AMN
14 FEB 96*

000084

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

SED-12RE

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608707RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 13 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/96 EXCEEDANCE

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/25/96 ✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓

pH: 7.5

Sulfur Cleanup: (Y/N) Y ✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~Tenaphene~~	~~200~~	~~U~~
12674-11-2	Aroclor-1016	38	U ✓
11104-28-2	Aroclor-1221	77	U ✓
11141-16-5	Aroclor-1232	38	U ✓
53469-21-9	Aroclor-1242	38	U ✓
12672-29-6	Aroclor-1248	38	U ✓
11097-69-1	Aroclor-1254	38	U ✓
11096-82-5	Aroclor-1260	38	U ✓

NH 01-12-96

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14 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-3

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608721

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95 ✓

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/24/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓ pH: 7.1 Sulfur Cleanup: (Y/N) Y ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~Texaphene~~	~~190~~	~~U~~
12674-11-2-----	Aroclor-1016	37	U
11104-28-2-----	Aroclor-1221	76	U
11141-16-5-----	Aroclor-1232	37	U
53469-21-9-----	Aroclor-1242	37	U
12672-29-6-----	Aroclor-1248	37	U
11097-69-1-----	Aroclor-1254	37	U
11096-82-5-----	Aroclor-1260	37	U

WA 01/24/96

QMN
14 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC Contract: 9521637

X-3RE

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608721RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 12 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/96 ✓ EXCEEDANCE

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.1

Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

CONCENTRATION UNITS:

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

Q

~~8001-35-2~~	~~Toxaphene~~	~~190~~	~~U~~
12674-11-2	Aroclor-1016	37	UV ✓
11104-28-2	Aroclor-1221	76	UV ✓
11141-16-5	Aroclor-1232	37	UV ✓
53469-21-9	Aroclor-1242	37	UV ✓
12672-29-6	Aroclor-1248	37	UV ✓
11097-69-1	Aroclor-1254	37	UV ✓
11096-82-5	Aroclor-1260	37	UV ✓

WK 9/11/24-9

Amn
14 FEB 96

000350

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-13

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608706

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 53 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/17/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.7 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

~~8901-35-2~~	~~Toxaphene~~	~~360~~	~~U~~
12674-11-2-----	Aroclor-1016	70	U R
11104-28-2-----	Aroclor-1221	140	U R
11141-16-5-----	Aroclor-1232	70	U R
53469-21-9-----	Aroclor-1242	70	U R
12672-29-6-----	Aroclor-1248	70	U R
11097-69-1-----	Aroclor-1254	70	U R
11096-82-5-----	Aroclor-1260	70	U R

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14 FEB 96

NY 01-162

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-13RE

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608706RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 53 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/96

EXCEEDANCE

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y

pH: 7.7

Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

CONCENTRATION UNITS:

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

Q

8001-35-2-----Toxaphene	380	U
12674-11-2-----Aroclor-1016	70	U✓
11104-28-2-----Aroclor-1221	140	U✓
11141-16-5-----Aroclor-1232	70	U✓
53469-21-9-----Aroclor-1242	70	U✓
12672-29-6-----Aroclor-1248	70	U✓
11097-69-1-----Aroclor-1254	70	U✓
11096-82-5-----Aroclor-1260	70	U✓

NA 01/26/96

GMN
14 FEB 96

000108

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-14

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608705

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 41 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/17/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 6.9 Sulfur Cleanup: (Y/N) Y

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

8001-35-2	-----Dieldrin	290	U
12674-11-2	-----Aroclor-1016	56	U R
11104-28-2	-----Aroclor-1221	110	U R
11141-16-5	-----Aroclor-1232	56	U R
53469-21-9	-----Aroclor-1242	56	U R
12672-29-6	-----Aroclor-1248	56	U R
11097-69-1	-----Aroclor-1254	56	U R
11096-82-5	-----Aroclor-1260	56	U R

NT 01/17/96

AMN
14 FEB 96

000116

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

SED-14RE

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608705RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 41 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/96 / EXCEEDANCE

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/25/96 ✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓

pH: 6.9

Sulfur Cleanup: (Y/N) Y ✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~Toxaphene~~	~~290~~	~~U~~
12674-11-2-----	Aroclor-1016	56	U ✓
11104-28-2-----	Aroclor-1221	110	U ✓
11141-16-5-----	Aroclor-1232	56	U ✓
53469-21-9-----	Aroclor-1242	56	U ✓
12672-29-6-----	Aroclor-1248	56	U ✓
11097-69-1-----	Aroclor-1254	56	U ✓
11096-82-5-----	Aroclor-1260	56	U ✓

W/H OK 1-7-96

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14 FEB 96

000124

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-15

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608704

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 39 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95 ✓

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/17/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) Y ✓

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

~~8001-33-2~~	~~-----Toxaphene~~	~~280~~	~~U~~
12674-11-2	-----Aroclor-1016	54	U R
11104-28-2	-----Aroclor-1221	110	U R
11141-16-5	-----Aroclor-1232	54	U R
53469-21-9	-----Aroclor-1242	54	U R
12672-29-6	-----Aroclor-1248	54	U R
11097-69-1	-----Aroclor-1254	62	✓
11096-82-5	-----Aroclor-1260	54	U R

NT-ATG9

Amn
14 FEB 96

000131

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC Contract: 9521637

SED-15RE

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608704RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 39 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/96 ^{EXCEEDANCE}

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.1 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/KG</u>		Q
~~8001-35-2~~	~~Toxaphene~~	~~280~~	~~U~~	
12674-11-2	Aroclor-1016	54	UV	
11104-28-2	Aroclor-1221	110	UV	
11141-16-5	Aroclor-1232	54	UV	
53469-21-9	Aroclor-1242	54	UV	
12672-29-6	Aroclor-1248	54	UV	
11097-69-1	Aroclor-1254	~~54~~	~~UV~~	
11096-82-5	Aroclor-1260	54	UV	

NA 01-26-9

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14 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-16

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608703

Sample wt/vol: 30.0 (g/mL) G Lab File ID:

% Moisture: 74 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95 ✓

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/17/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓ pH: 7.0 Sulfur Cleanup: (Y/N) Y ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~-----Toxaphene~~	~~650~~	~~U~~
12674-11-2	-----Aroclor-1016	130	U
11104-28-2	-----Aroclor-1221	260	U
11141-16-5	-----Aroclor-1232	130	U
53469-21-9	-----Aroclor-1242	130	U
12672-29-6	-----Aroclor-1248	130	U
11097-69-1	-----Aroclor-1254	130	U
11096-82-5	-----Aroclor-1260	130	U

NY AT-242

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14 FEB 96*

000148

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-16RE

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608703RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 74 decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sohc) SONC

Date Extracted: 01/19/96 ✓

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.0

Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

CONCENTRATION UNITS:

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

Q

8001-35-2-----	Toxaphene	650	U
12674-11-2-----	Aroclor-1016	130	UV
11104-28-2-----	Aroclor-1221	260	UV
11141-16-5-----	Aroclor-1232	130	UV
53469-21-9-----	Aroclor-1242	130	UV
12672-29-6-----	Aroclor-1248	130	UV
11097-69-1-----	Aroclor-1254	130	UV
11096-82-5-----	Aroclor-1260	130	UV

NK 01/24/96

Am7
14 FEB 96

000156

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-17

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608702

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 37 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95 ✓

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/17/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓ pH: 7.6 Sulfur Cleanup: (Y/N) Y ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

~~0001-35-2~~	~~Toxaphene~~	~~270~~	~~U~~
12674-11-2-----	Aroclor-1016	52	U ✓
11104-28-2-----	Aroclor-1221	110	U ✓
11141-16-5-----	Aroclor-1232	52	U ✓
53469-21-9-----	Aroclor-1242	52	U ✓
12672-29-6-----	Aroclor-1248	52	U ✓
11097-69-1-----	Aroclor-1254	52	U ✓
11096-82-5-----	Aroclor-1260	52	U ✓

NA 9.1.26.61

AMN
14 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

SED-17RE

Lab Code: NYTEST

Case No.: 26087

SAS No.: _____

SDG No.: NYACK3

Matrix: (soil/water) SOIL

Lab Sample ID: 2608702RE

Sample wt/vol: 30.0 (g/mL) G

Lab File ID: _____

% Moisture: 37 Decanted: (Y/N) N

Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC

Date Extracted: 01/19/96 ✓

Concentrated Extract Volume: 5000 (uL)

Date Analyzed: 01/25/96

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.6

Sulfur Cleanup: (Y/N) Y

CAS NO.

COMPOUND

CONCENTRATION UNITS:

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

Q

~~8001-35-2~~	~~Toxaphene~~	~~270~~	~~U~~
12674-11-2	Aroclor-1016	52	U✓
11104-28-2	Aroclor-1221	110	U✓
11141-16-5	Aroclor-1232	52	U✓
53469-21-9	Aroclor-1242	52	U✓
12672-29-6	Aroclor-1248	52	U✓
11097-69-1	Aroclor-1254	52	U✓
11096-82-5	Aroclor-1260	52	U✓

HA 01-26-96

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14 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SED-18

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608701

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 12/29/95

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/17/96

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.3 Sulfur Cleanup: (Y/N) Y

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~2001-35-2~~	~~-----toxaphene~~	~~210~~	~~U~~
12674-11-2	-----Aroclor-1016	~~41~~	~~UR~~
11104-28-2	-----Aroclor-1221	~~84~~	~~UR~~
11141-16-5	-----Aroclor-1232	~~41~~	~~UR~~
53469-21-9	-----Aroclor-1242	~~41~~	~~UR~~
12672-29-6	-----Aroclor-1248	~~41~~	~~UR~~
11097-69-1	-----Aroclor-1254	~~41~~	~~UR~~
11096-82-5	-----Aroclor-1260	~~41~~	~~UR~~

NA GT kg

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14 FEB 96*

000180

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC Contract: 9521637

SED-18RE

Lab Code: NYTEST Case No.: 26087 SAS No.: _____ SDG No.: NYACK3

Matrix: (soil/water) SOIL Lab Sample ID: 2608701RE

Sample wt/vol: 30.0 (g/mL) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date Received: 12/28/95

Extraction: (SepF/Cont/Sonc) SONC Date Extracted: 01/19/96 ✓ EXCEEDANCE

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 01/25/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) Y ✓ pH: 7.3 Sulfur Cleanup: (Y/N) Y ✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG Q

~~8001-35-2~~	~~Toxaphene~~	~~210~~	~~U~~
12674-11-2	Aroclor-1016	41	UV
11104-28-2	Aroclor-1221	84	UV
11141-16-5	Aroclor-1232	41	UV
53469-21-9	Aroclor-1242	41	UV
12672-29-6	Aroclor-1248	41	UV
11097-69-1	Aroclor-1254	60	PVN
11096-82-5	Aroclor-1260	41	UV

NA 21-28-96

Q117
14 FEB 96

000188

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXW-1

Lab Name: NYTEST ENV INC Contract: 9522158
 Lab Code: NYTEST Case No.: 26151 SAS No.: _____ SDG No.: NYACK4
 Matrix: (soil/water) WATER Lab Sample ID: 2615104
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 01/12/96
 Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 01/16/96
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/24/96
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N

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

CAS NO.

COMPOUND

Q

~~8001-35-2~~	~~Tenaphene~~	~~3.0~~	~~U~~
12674-11-2-----	Aroclor-1016	1.0	U ✓
11104-28-2-----	Aroclor-1221	2.0	U ✓
11141-16-5-----	Aroclor-1232	1.0	U ✓
53469-21-9-----	Aroclor-1242	1.0	U ✓
12672-29-6-----	Aroclor-1248	1.0	U ✓
11097-69-1-----	Aroclor-1254	1.0	U ✓
11096-82-5-----	Aroclor-1260	1.0	U ✓

114 9522158-4

LMN
17 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-2

Lab Name: NYTEST ENV INC Contract: 9522158

Lab Code: NYTEST Case No.: 26151 SAS No.: _____ SDG No.: NYACK4

Matrix: (soil/water) WATER Lab Sample ID: 2615101

Sample wt/vol: 990.0 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 01/12/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 01/16/96 ✓

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/24/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

~~0001-35-2~~	~~Toxaphene~~	~~5.0~~	~~U~~
12674-11-2-----	Aroclor-1016	1.0	U ✓
11104-28-2-----	Aroclor-1221	2.0	U ✓
11141-16-5-----	Aroclor-1232	1.0	U ✓
53469-21-9-----	Aroclor-1242	1.0	U ✓
12672-29-6-----	Aroclor-1248	1.0	U ✓
11097-69-1-----	Aroclor-1254	1.0	U ✓
11096-82-5-----	Aroclor-1260	1.0	U ✓

WY OK 1-24-96

OK 1-24-96

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17 FEB 96*

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-3

Lab Name: NYTEST ENV INC Contract: 9522158

Lab Code: NYTEST Case No.: 26151 SAS No.: _____ SDG No.: NYACK4

Matrix: (soil/water) WATER Lab Sample ID: 2615102

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 01/12/96

Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 01/16/96 ✓

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/24/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

~~8002-93-2~~	~~Tenaphene~~	~~5.0~~	~~U~~
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	2.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	0.40	J
11096-82-5	Aroclor-1260	1.0	U

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CA 1-24-96

17 FEB 1996

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-4

Lab Name: NYTEST ENV INC Contract: 9522158
 Lab Code: NYTEST Case No.: 26151 SAS No.: _____ SDG No.: NYACK4
 Matrix: (soil/water) WATER Lab Sample ID: 2615103
 Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____
 % Moisture: _____ decanted: (Y/N) _____ Date Received: 01/12/96
 Extraction: (SepF/Cont/Sonc) SEPF Date Extracted: 01/16/96 ✓
 Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/24/96 ✓
 Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓
 GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N ✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

~~8001-35-2~~	~~Toxaphene~~	~~5.0~~	~~U~~
12674-11-2-----	Aroclor-1016	1.0	U
11104-28-2-----	Aroclor-1221	2.0	U
11141-16-5-----	Aroclor-1232	1.0	U
53469-21-9-----	Aroclor-1242	1.0	U
12672-29-6-----	Aroclor-1248	1.0	U
11097-69-1-----	Aroclor-1254	1.0	U
11096-82-5-----	Aroclor-1260	1.0	U

NA Q-179-41

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17 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

EXW-4

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26073 SAS No.: _____ SDG No.: NYACK1

Matrix: (soil/water) WATER Lab Sample ID: 2607811

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF / Date Extracted: 12/28/95 /

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/11/96 /

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 /

GPC Cleanup: (Y/N) N / pH: 7.0 Sulfur Cleanup: (Y/N) N /

CONCENTRATION UNITS:

CAS NO.

COMPOUND

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

Q

8001-35-2-----Dioxaphene	5.0	U
12674-11-2-----Aroclor-1016	1.0	U✓
11104-28-2-----Aroclor-1221	2.0	U✓
11141-16-5-----Aroclor-1232	1.0	U✓
53469-21-9-----Aroclor-1242	1.0	U✓
12672-29-6-----Aroclor-1248	1.0	U✓
11097-69-1-----Aroclor-1254	1.0	U✓
11096-82-5-----Aroclor-1260	1.0	U✓

NA @ 12-95

Amn
8 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

EXW-5

Lab Code: NYTEST

Case No.: 26073

SAS No.: _____

SDG No.: NYACK1

Matrix: (soil/water) WATER

Lab Sample ID: 2607812

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF

Date Extracted: 12/28/95 ✓

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/12/96 ✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N pH: 7.0

Sulfur Cleanup: (Y/N) N ✓

CAS NO.

COMPOUND

CONCENTRATION UNITS:

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

Q

~~8001-33-2~~	~~-----Toxaphene~~	~~5.0~~	~~U~~
12674-11-2	-----Aroclor-1016	1.0	U
11104-28-2	-----Aroclor-1221	2.0	U
11141-16-5	-----Aroclor-1232	1.0	U
53469-21-9	-----Aroclor-1242	1.0	U
12672-29-6	-----Aroclor-1248	1.0	U
11097-69-1	-----Aroclor-1254	1.0	U
11096-82-5	-----Aroclor-1260	1.0	U

WA 9 1-12-96

Amn
8 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-1

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26073 SAS No.: _____ SDG No.: NYACK1

Matrix: (soil/water) WATER Lab Sample ID: 2607306

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF ✓ Date Extracted: 12/28/95 ✓

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/04/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N ✓ pH: 7.0 Sulfur Cleanup: (Y/N) N ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

~~8001-35-2~~	~~Toxaphene~~	~~5.0~~	~~U~~
12674-11-2	Aroclor-1016	1.0	UV
11104-28-2	Aroclor-1221	2.0	UV
11141-16-5	Aroclor-1232	1.0	UV
53469-21-9	Aroclor-1242	1.0	UV
12672-29-6	Aroclor-1248	1.0	UV
11097-69-1	Aroclor-1254	1.0	UV
11096-82-5	Aroclor-1260	1.0	UV

NA OK 1-12-96

Amn
8 FEB 96

000019

1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

MW-5

Lab Code: NYTEST

Case No.: 26073

SAS No.: _____

SDG No.: NYACK1

Matrix: (soil/water) WATER

Lab Sample ID: 2607307

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF✓

Date Extracted: 12/28/95✓

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/04/96✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00✓

GPC Cleanup: (Y/N) N✓

pH: 7.0

Sulfur Cleanup: (Y/N) N✓

CAS NO.

COMPOUND

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

Q

~~0001-35-2~~	~~Toxaphene~~	~~5.0~~	~~U~~
12674-11-2-----	Aroclor-1016	1.0	U
11104-28-2-----	Aroclor-1221	2.0	U
11141-16-5-----	Aroclor-1232	1.0	U
53469-21-9-----	Aroclor-1242	1.0	U
12672-29-6-----	Aroclor-1248	1.0	U
11097-69-1-----	Aroclor-1254	1.0	U
11096-82-5-----	Aroclor-1260	1.0	U

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Amn
8 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-5B

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26073 SAS No.: _____ SDG No.: NYACK1

Matrix: (soil/water) WATER Lab Sample ID: 2607809

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF ✓ Date Extracted: 12/28/95 ✓

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/11/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N ✓ pH: 7.0 Sulfur Cleanup: (Y/N) N ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

~~0001-35-2~~	~~Toxaphene~~	~~5.0~~	~~U~~
12674-11-2-----	Aroclor-1016	1.0	U ✓
11104-28-2-----	Aroclor-1221	2.0	U ✓
11141-16-5-----	Aroclor-1232	1.0	U ✓
53469-21-9-----	Aroclor-1242	1.0	U ✓
12672-29-6-----	Aroclor-1248	1.0	U ✓
11097-69-1-----	Aroclor-1254	1.0	U ✓
11096-82-5-----	Aroclor-1260	1.0	U ✓

WA 01-12-96

Amn
8 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

MW-6

Lab Code: NYTEST

Case No.: 26073

SAS No.: _____

SDG No.: NYACK1

Matrix: (soil/water) WATER

Lab Sample ID: 2607810

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF ✓

Date Extracted: 12/28/95 ✓

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/11/96 ✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N ✓

pH: 7.0

Sulfur Cleanup: (Y/N) N ✓

CAS NO.

COMPOUND

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

Q

~~0001-35-2~~	~~Toxaphene~~	~~5.0 U~~
12674-11-2-----	Aroclor-1016	1.0 U
11104-28-2-----	Aroclor-1221	2.0 U
11141-16-5-----	Aroclor-1232	1.0 U
53469-21-9-----	Aroclor-1242	1.0 U
12672-29-6-----	Aroclor-1248	1.0 U
11097-69-1-----	Aroclor-1254	1.0 U
11096-82-5-----	Aroclor-1260	1.0 U

WA 061-1241

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-7

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26073 SAS No.: _____ SDG No.: NYACK1

Matrix: (soil/water) WATER Lab Sample ID: 2607305

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF ✓ Date Extracted: 12/28/95 ✓

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/04/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N ✓ pH: 7.0 Sulfur Cleanup: (Y/N) N ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

~~8001-35-2~~	~~Toxaphene~~	~~5.0~~	~~U~~
12674-11-2-----	Aroclor-1016	1.0	U
11104-28-2-----	Aroclor-1221	2.0	U
11141-16-5-----	Aroclor-1232	1.0	U
53469-21-9-----	Aroclor-1242	1.0	U
12672-29-6-----	Aroclor-1248	1.0	U
11097-69-1-----	Aroclor-1254	1.0	U
11096-82-5-----	Aroclor-1260	1.0	U

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Cmn
8 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC Contract: 9521637

MW-8

Lab Code: NYTEST Case No.: 26073 SAS No.: _____ SDG No.: NYACK1

Matrix: (soil/water) WATER

Lab Sample ID: 2607304

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF ✓

Date Extracted: 12/28/95 ✓

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/04/96 ✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N ✓ pH: 7.0

Sulfur Cleanup: (Y/N) N ✓

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

~~0001-35-2~~	~~Toxaphene~~	~~5.0 U~~
12674-11-2	Aroclor-1016	1.0 U ✓
11104-28-2	Aroclor-1221	2.0 U ✓
11141-16-5	Aroclor-1232	1.0 U ✓
53469-21-9	Aroclor-1242	1.0 U ✓
12672-29-6	Aroclor-1248	1.0 U ✓
11097-69-1	Aroclor-1254	1.0 U ✓
11096-82-5	Aroclor-1260	1.0 U ✓

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Cmn
8 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-8S

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26073 SAS No.: _____ SDG No.: NYACK1

Matrix: (soil/water) WATER Lab Sample ID: 2607303

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF ✓ Date Extracted: 12/28/95 ✓

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/04/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N pH: 7.0 Sulfur Cleanup: (Y/N) N ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

~~8001-35-2~~	~~Toxaphene~~	~~5.0~~	~~U~~
12674-11-2-----	Aroclor-1016	1.0	U ✓
11104-28-2-----	Aroclor-1221	2.0	U ✓
11141-16-5-----	Aroclor-1232	1.0	U ✓
53469-21-9-----	Aroclor-1242	1.0	U ✓
12672-29-6-----	Aroclor-1248	1.0	U ✓
11097-69-1-----	Aroclor-1254	1.0	U ✓
11096-82-5-----	Aroclor-1260	1.0	U ✓

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Amn
8 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

MW-9B

Lab Code: NYTEST

Case No.: 26073

SAS No.: _____

SDG No.: NYACK1

Matrix: (soil/water) WATER

Lab Sample ID: 2607802

Sample wt/vol: 1000 (g/mL) ML

Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____

Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF ✓

Date Extracted: 12/28/95 ✓

Concentrated Extract Volume: 10000 (uL)

Date Analyzed: 01/04/96 ✓

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N ✓ pH: 7.0

Sulfur Cleanup: (Y/N) N ✓

CAS NO.

COMPOUND

CONCENTRATION UNITS:

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

Q

~~8001-35-2~~	~~Toxaphene~~	~~5.0~~	~~U~~
12674-11-2	Aroclor-1016	1.0	U ✓
11104-28-2	Aroclor-1221	2.0	U ✓
11141-16-5	Aroclor-1232	1.0	U ✓
53469-21-9	Aroclor-1242	1.0	U ✓
12672-29-6	Aroclor-1248	1.0	U ✓
11097-69-1	Aroclor 1254	1.0	U ✓
11096-82-5	Aroclor-1260	1.0	U ✓

NB-01-17-41

AMT
8 FEB 96

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-1

Lab Name: NYTEST ENV INC Contract: 9521637

Lab Code: NYTEST Case No.: 26073 SAS No.: _____ SDG No.: NYACK1

Matrix: (soil/water) WATER Lab Sample ID: 2607801

Sample wt/vol: 1000 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) _____ Date Received: 12/27/95

Extraction: (SepF/Cont/Sonc) SEPF ✓ Date Extracted: 12/28/95 ✓

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 01/04/96 ✓

Injection Volume: 1.00 (uL) Dilution Factor: 1.00 ✓

GPC Cleanup: (Y/N) N ✓ pH: 7.0 Sulfur Cleanup: (Y/N) N ✓

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

~~8001-35-2~~	~~-----Toxaphene~~	~~5.0 U~~
12674-11-2	-----Aroclor-1016	1.0 U✓
11104-28-2	-----Aroclor-1221	2.0 U✓
11141-16-5	-----Aroclor-1232	1.0 U✓
53469-21-9	-----Aroclor-1242	1.0 U✓
12672-29-6	-----Aroclor-1248	1.0 U✓
11097-69-1	-----Aroclor-1254	1.0 U✓
11096-82-5	-----Aroclor-1260	1.0 U✓

WA 95-17-Gr

LMN
8 FEB 96

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EXW-1

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615104

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N6145.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Date Analyzed: 01/15/96✓

GC Column:CAP

ID: 0.53 (mm)

Dilution Factor: 1.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	14	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	3	J

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17 FEB 96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

EXW-1

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615104

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N6145.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Data Analyzed: 01/15/96

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 1 /

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====
1.	UNKNOWN	8.819	36	J
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

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17 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9622158

MW-2

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615101

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N6148.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Date Analyzed: 01/15/96 ✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0 ✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

74-87-3	-----Chloromethane	10	16	U	
74-83-9	-----Bromomethane		10		U
75-01-4	-----Vinyl Chloride		4		U
75-00-3	-----Chloroethane		7		U
75-09-2	-----Methylene Chloride		12	U	U
67-64-1	-----Acetone	10	6	U	U
75-15-0	-----Carbon Disulfide	10	2	U	U
75-35-4	-----1,1-Dichloroethene		24		
75-34-3	-----1,1-Dichloroethane		23		
540-59-0	-----1,2-Dichloroethene (total)		12		
67-66-3	-----Chloroform		10		U
107-06-2	-----1,2-Dichloroethane		10		U
78-93-3	-----2-Butanone	10	21	U	U
71-55-6	-----1,1,1-Trichloroethane		58		
56-23-5	-----Carbon Tetrachloride		10		U
75-27-4	-----Bromodichloromethane		10		U
78-87-5	-----1,2-Dichloropropane		10		U
10061-01-5	-----cis-1,3-Dichloropropene		10		U
79-01-6	-----Trichloroethene		18		
124-48-1	-----Dibromochloromethane		10		U
79-00-5	-----1,1,2-Trichloroethane		3		U
71-43-2	-----Benzene	1200	620	D	U
10061-02-6	-----trans-1,3-Dichloropropene		10		U
75-25-2	-----Bromoform		10		U
108-10-1	-----4-Methyl-2-Pentanone		10		U
591-78-6	-----2-Hexanone		10		U
127-18-4	-----Tetrachloroethene		10		U
79-34-5	-----1,1,2,2-Tetrachloroethane		10		U
108-88-3	-----Toluene		160		
108-90-7	-----Chlorobenzene		10		U
100-41-4	-----Ethylbenzene		100		
100-42-5	-----Styrene		10		U
1330-20-7	-----Xylene (total)		310		

THE BENZENE RESULT REPORTED HAS BEEN TRANSFERRED FROM MW-2 DL, A 10 X DILUTION OF SAMPLE MW-2. (LMD)

17 FEB 96
FORM 1 VOA

NYSDEC ASP 12/91

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-2

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615101

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N6148.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Data Analyzed: 01/15/96

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 10 ✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.671	34	J
2.	UNKNOWN	7.579	33	J
3.	UNKNOWN HYDROCARBON	8.294	17	J
4.	UNKNOWN	8.797	56	J
5.	UNKNOWN AROMATIC	21.601	22	J
6.	UNKNOWN AROMATIC	21.843	43	J
7.	UNKNOWN AROMATIC	22.588	23	J
8.	UNKNOWN AROMATIC	22.888	71	J
9.	UNKNOWN AROMATIC	24.038	27	J
10.	UNKNOWN AROMATIC	24.851	54	J
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

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17 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9622158

MW-2DL

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615101

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N6156.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Date Analyzed: 01/16/96 ✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 10.0 ✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl Chloride	14	JD
75-00-3	Chloroethane	100	U
75-09-2	Methylene Chloride	150	U BD V
67-64-1	Acetone	100	U
75-15-0	Carbon Disulfide	100	U
75-35-4	1,1-Dichloroethene	18	JD
75-34-3	1,1-Dichloroethane	34	JD
540-59-0	1,2-Dichloroethene (total)	100	U
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	52	JD
56-23-5	Carbon Tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
79-01-6	Trichloroethene	17	JD
124-48-1	Dibromochloromethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
71-43-2	Benzene	1200	D
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-Pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	100	U
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-88-3	Toluene	330	D
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	230	D
100-42-5	Styrene	100	U
1330-20-7	Xylene (total)	680	D

THE BENZENE RESULT REPORTED HAS BEEN TRANSFERRED TO THE FORM I FOR THE ORIGINAL, UNDILUTED ANALYSIS OF MW-2. (um)

FORM I VOA

17 FEB 96

NYSDEC ASP 12/91

000046

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-2DL

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615101

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N6156.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec.

Data Analyzed: 01/16/96

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs found: 7

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.670	77	JD
2.	UNKNOWN	7.587	85	JD
3.	UNKNOWN	8.813	140	JD
4.	UNKNOWN	10.349	120	JD
5.	UNKNOWN AROMATIC	21.876	69	JD
6.	UNKNOWN AROMATIC	22.919	110	JD
7.	UNKNOWN AROMATIC	24.878	99	JD
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9622158

MW-3

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615102

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N6147.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Date Analyzed: 01/15/96✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	5	J
75-09-2-----	Methylene Chloride	10 9	U ~~JB~~ V
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	650 580	D E
75-34-3-----	1,1-Dichloroethane	28	
540-59-0-----	1,2-Dichloroethene (total)	220	
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U V
71-55-6-----	1,1,1-Trichloroethane	1700 1400	D E
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	730 330	D E
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	14	
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	J
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

THE 1,1-DICHLOROETHENE, 1,1,1-TRICHLOROETHANE AND TRICHLOROETHENE RESULTS REPORTED HAVE BEEN TRANSFERRED FROM THE FORM 1 FOR MW-3 DL, A 10 X DILUTION OF SAMPLE MW-3. 1/17/96

FORM 1 VOA

NYSDEC ASP 12/91

000063

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-3

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615102

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N6147.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Data Analyzed: 01/15/96

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 ✓

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

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

NYSDEC SAMPLE NO.

MW-3DL

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615102

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N6155.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Date Analyzed: 01/16/96✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 10.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	100	U
74-83-9-----	Bromomethane	100	U
75-01-4-----	Vinyl Chloride	100	U
75-00-3-----	Chloroethane	100	U
75-09-2-----	Methylene Chloride	120	U DD V
67-64-1-----	Acetone	100 43	U DD
75-15-0-----	Carbon Disulfide	100	U
75-35-4-----	1,1-Dichloroethene	650	D
75-34-3-----	1,1-Dichloroethane	28	JD
540-59-0-----	1,2-Dichloroethene (total)	240	D
67-66-3-----	Chloroform	100	U
107-06-2-----	1,2-Dichloroethane	100	U
78-93-3-----	2-Butanone	100	U
71-55-6-----	1,1,1-Trichloroethane	1900	D
56-23-5-----	Carbon Tetrachloride	100	U
75-27-4-----	Bromodichloromethane	100	U
78-87-5-----	1,2-Dichloropropane	100	U
10061-01-5----	cis-1,3-Dichloropropene	100	U
79-01-6-----	Trichloroethene	430	D
124-48-1-----	Dibromochloromethane	100	U
79-00-5-----	1,1,2-Trichloroethane	100	U
71-43-2-----	Benzene	19	JD
10061-02-6----	trans-1,3-Dichloropropene	100	U
75-25-2-----	Bromoform	100	U
108-10-1-----	4-Methyl-2-Pentanone	100	U
591-78-6-----	2-Hexanone	100	U
127-18-4-----	Tetrachloroethene	100	U
79-34-5-----	1,1,2,2-Tetrachloroethane	100	U
108-88-3-----	Toluene	100	U
108-90-7-----	Chlorobenzene	100	U
100-41-4-----	Ethylbenzene	100	U
100-42-5-----	Styrene	100	U
1330-20-7-----	Xylene (total)	100	U

THE 1,1-DICHLOROETHENE, 1,1,1-TRICHLOROETHANE AND TRICHLOROETHENE RESULTS REPORTED
HAVE BEEN TRANSFERRED TO THE FORM I FOR THE ORIGINAL, UNDILUTED ANALYSIS OF
SAMPLE MW-3 (LMD)

17 FEB 96

FORM I VOA

000072

NYSDEC ASP 12/91

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-3DL

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615102

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N6155.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Data Analyzed: 01/16/96

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 10.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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17 FEB 96

000073

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-4

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615103

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N6146.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Date Analyzed: 01/15/96

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	10	U
75-01-4	-----Vinyl Chloride	36	
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene Chloride	10	U
67-64-1	-----Acetone	5	U
75-15-0	-----Carbon Disulfide	2	J
75-35-4	-----1,1-Dichloroethene	10	
75-34-3	-----1,1-Dichloroethane	19	
540-59-0	-----1,2-Dichloroethene (total)	110	
67-66-3	-----Chloroform	10	U
107-06-2	-----1,2-Dichloroethane	10	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	15	
56-23-5	-----Carbon Tetrachloride	10	U
75-27-4	-----Bromodichloromethane	10	U
78-87-5	-----1,2-Dichloropropane	10	U
10061-01-5	-----cis-1,3-Dichloropropene	10	U
79-01-6	-----Trichloroethene	70	
124-48-1	-----Dibromochloromethane	10	U
79-00-5	-----1,1,2-Trichloroethane	10	U
71-43-2	-----Benzene	42	
10061-02-6	-----trans-1,3-Dichloropropene	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-Pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	10	U
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-88-3	-----Toluene	2	J
108-90-7	-----Chlorobenzene	10	U
100-41-4	-----Ethylbenzene	2	J
100-42-5	-----Styrene	10	U
1330-20-7	-----Xylene (total)	10	U

UM7
17 FEB 96

000080

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-4

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615103

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N6146.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Data Analyzed: 01/15/96

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 5 /

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	5.917	8	J
2.	UNKNOWN	6.680	12	J
3.	UNKNOWN	8.793	17	J
4.	UNKNOWN	10.328	8	J
5.	UNKNOWN AROMATIC	24.852	8	J
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17 FEB 1996 000081

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TB-1

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615105

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N6144.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Date Analyzed: 01/15/96

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	12	B V
67-64-1-----	Acetone	13	
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U V
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TB-1

Lab Name: NYTEST ENV INC

Contract: 9622158

Lab Code: NYTEST

Case No.: 26151

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2615105

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N6144.D

Level: (low/med) LOW

Date Received: 01/12/96

% Moisture: not dec. _____

Data Analyzed: 01/15/96

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 ✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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17 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

EXW-4

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607811

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N5958.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Date Analyzed: 12/28/95✓

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0 /

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

74-87-3-----Chloromethane	10	U
74-83-9-----Bromomethane	10	U
75-01-4-----Vinyl Chloride	4	J
75-00-3-----Chloroethane	10	U
75-09-2-----Methylene Chloride	10	U
67-64-1-----Acetone	10	U
75-15-0-----Carbon Disulfide	10	U
75-35-4-----1,1-Dichloroethene	2	J
75-34-3-----1,1-Dichloroethane	2	J
540-59-0-----1,2-Dichloroethene (total)	130	U
67-66-3-----Chloroform	10	U
107-06-2-----1,2-Dichloroethane	10	U
78-93-3-----2-Butanone	10	U
71-55-6-----1,1,1-Trichloroethane	8	J
56-23-5-----Carbon Tetrachloride	10	U
75-27-4-----Bromodichloromethane	10	U
78-87-5-----1,2-Dichloropropane	10	U
10061-01-5-----cis-1,3-Dichloropropene	10	U
79-01-6-----Trichloroethene	170	U
124-48-1-----Dibromochloromethane	10	U
79-00-5-----1,1,2-Trichloroethane	10	U
71-43-2-----Benzene	10	U
10061-02-6-----trans-1,3-Dichloropropene	10	U
75-25-2-----Bromoform	10	U
108-10-1-----4-Methyl-2-Pentanone	10	U
591-78-6-----2-Hexanone	10	U
127-18-4-----Tetrachloroethene	4	J
79-34-5-----1,1,2,2-Tetrachloroethane	10	U
108-88-3-----Toluene	10	U
108-90-7-----Chlorobenzene	10	U
100-41-4-----Ethylbenzene	10	U
100-42-5-----Styrene	10	U
1330-20-7-----Xylene (total)	10	U

FORM I VOA

Amn
8 FEB 96

Stamont 1/17/96
NYSDEC ASP 12/91

000025

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

EXW-4

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607811

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N5958.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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8 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

EXW-5

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607812

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N5957.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Date Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	4	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	15	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	13	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	14	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U

Qm7
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

EXW-5

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607812

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N5957.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0/

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-1

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607306

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8602.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/28/95✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	1	J
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	2	J
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	9	J
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	28	

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-1

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607306

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8602.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 9 ✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	3.763	7	J
2.	UNKNOWN	3.784	9	J
3.	UNKNOWN HYDROCARBON	5.145	6	J
4.	UNKNOWN	5.486	8	J
5.	UNKNOWN	6.899	9	J
6.	UNKNOWN AROMATIC	18.182	8	J
7.	UNKNOWN AROMATIC	18.894	7	J
8.	UNKNOWN AROMATIC	19.213	18	J
9.	UNKNOWN AROMATIC	21.070	7	J
10.				
11.				
12.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

MW-5

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607307

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8603.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/28/95✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

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

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-5

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607307

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8603.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0/

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

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

NYSDEC SAMPLE NO.

MW-5B

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607809

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N5960.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Date Analyzed: 12/28/95✓

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	24	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	2	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	35	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	3	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-5B

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607809

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N5960.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 /

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-6

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607810

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N5959.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Date Analyzed: 12/28/95✓

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	10	U
75-01-4	-----Vinyl Chloride	10	U
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene Chloride	16	U
67-64-1	-----Acetone	6	U
75-15-0	-----Carbon Disulfide	10	U
75-35-4	-----1,1-Dichloroethene	57	U
75-34-3	-----1,1-Dichloroethane	3	J
540-59-0	-----1,2-Dichloroethene (total)	180	
67-66-3	-----Chloroform	10	U
107-06-2	-----1,2-Dichloroethane	10	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	150	U
56-23-5	-----Carbon Tetrachloride	10	U
75-27-4	-----Bromodichloromethane	10	U
78-87-5	-----1,2-Dichloropropane	10	U
10061-01-5	-----cis-1,3-Dichloropropene	10	U
79-01-6	-----Trichloroethene	360 250	D
124-48-1	-----Dibromochloromethane	10	U
79-00-5	-----1,1,2-Trichloroethane	10	U
71-43-2	-----Benzene	10	U
10061-02-6	-----trans-1,3-Dichloropropene	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-Pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	4	J
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-88-3	-----Toluene	10	U
108-90-7	-----Chlorobenzene	10	U
100-41-4	-----Ethylbenzene	10	U
100-42-5	-----Styrene	10	U
1330-20-7	-----Xylene (total)	10	U

THE TRICHLOROETHENE RESULT REPORTED HAS
BEEN TRANSFERRED FROM THE FORM I FOR
THE ANALYSIS OF MW-6. FORM I VOA 5X DILUTION
OF SAMPLE MW-6.

GMN
8 FEB 96

NYSDEC ASP 12/91

000070

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-6

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607810

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N5959.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

MW-6DL

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607810

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N5970.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Date Analyzed: 12/29/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 5.0 ✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	50	U
74-83-9	Bromomethane	50	U
75-01-4	Vinyl Chloride	50	U
75-00-3	Chloroethane	50	U
75-09-2	Methylene Chloride	110	U DD V
67-64-1	Acetone	50	U
75-15-0	Carbon Disulfide	50	U V
75-35-4	1,1-Dichloroethene	60	D
75-34-3	1,1-Dichloroethane	50	U
540-59-0	1,2-Dichloroethene (total)	230	D
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	50	U V
71-55-6	1,1,1-Trichloroethane	200	D
56-23-5	Carbon Tetrachloride	50	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	360	D
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	50	U
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	7	JD
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-88-3	Toluene	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	50	U
100-42-5	Styrene	50	U
1330-20-7	Xylene (total)	50	U

THE TRICHLOROETHENE RESULT REPORTED HAS BEEN TRANSFERRED TO THE FORM I FOR THE ORIGINAL, UNDILUTED ANALYSIS OF SAMPLE MW-6. CMM

8FEB96

FORM I VOA

NYSDEC ASP 12/91

000079

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-6DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607810

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N5970.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Data Analyzed: 12/29/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
3.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-7

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607305

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8601.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/28/95✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

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

am
7 FEB 96

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-7

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607305

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8601.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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Amn
7 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-8

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607304

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8600.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/28/95✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0/

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	9	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	160	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	44	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	210 270	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	4	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

THE TRICHLOROETHENE RESULT REPORTED HAS BEEN TRANSFERRED
FROM THE FORM I FOR MW-8 D.L., A 5X DILUTION OF SAMPLE MW-8.

FORM I VOA

Amn
7 FEB 96

NYSDEC ASP 12/91

000091

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-8

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607304

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8600.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 ✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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6 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-8DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607304

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8621.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/29/95

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	50	U	✓
74-83-9	Bromomethane	50	U	
75-01-4	Vinyl Chloride	50	U	
75-00-3	Chloroethane	50	U	
75-09-2	Methylene Chloride	86	U	✓
67-64-1	Acetone	50	U	✓
75-15-0	Carbon Disulfide	50	U	
75-35-4	1,1-Dichloroethene	38	JD	
75-34-3	1,1-Dichloroethane	50	U	
540-59-0	1,2-Dichloroethene (total)	200	U	
67-66-3	Chloroform	50	U	
107-06-2	1,2-Dichloroethane	50	U	✓
78-93-3	2-Butanone	50	U	
71-55-6	1,1,1-Trichloroethane	43	JD	
56-23-5	Carbon Tetrachloride	50	U	
75-27-4	Bromodichloromethane	50	U	
78-87-5	1,2-Dichloropropane	50	U	
10061-01-5	cis-1,3-Dichloropropene	50	U	
79-01-6	Trichloroethene	310	D	
124-48-1	Dibromochloromethane	50	U	
79-00-5	1,1,2-Trichloroethane	50	U	
71-43-2	Benzene	26	JD	
10061-02-6	trans-1,3-Dichloropropene	50	U	
75-25-2	Bromoform	50	U	
108-10-1	4-Methyl-2-Pentanone	50	U	
591-78-6	2-Hexanone	50	U	
127-18-4	Tetrachloroethene	50	U	
79-34-5	1,1,2,2-Tetrachloroethane	50	U	
108-88-3	Toluene	24	JD	
108-90-7	Chlorobenzene	25	JD	
100-41-4	Ethylbenzene	50	U	
100-42-5	Styrene	50	U	
1330-20-7	Xylene (total)	50	U	

THE TRICHLOROETHENE RESULT REPORTED HAS BEEN TRANSFERRED
TO THE FORM I FOR THE ORIGINAL, UNDILUTED ANALYSIS OF
SAMPLE MW-8. CMM

7 FEB 96

FORM I VOA

NYSDEC ASP 12/91

000098

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-8DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607304

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8621.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/29/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

MW-8S

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607303

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8599.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/28/95✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	49	U
75-34-3-----	1,1-Dichloroethane	7	J
540-59-0-----	1,2-Dichloroethene (total)	120	
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	190	
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	3	J
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

THE 1,1,1-TRICHLOROETHANE RESULTS REPORTED HAS BEEN TRANSFERRE FROM THE FORM I FOR MW-8S DL, A 5X DILUTION OF SAMPLE MW-8

FORM I VOA

AMN
6 FEB 96

NYSDEC ASP 12/91

000107

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-8S

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607303

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8599.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 ✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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GMN
6 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-8SDL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607303

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8622.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/29/95✓

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 5.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

74-87-3	Chloromethane	50	U	V
74-83-9	Bromomethane	50	U	
75-01-4	Vinyl Chloride	50	U	
75-00-3	Chloroethane	50	U	
75-09-2	Methylene Chloride	76	U	
67-64-1	Acetone	50	U	
75-15-0	Carbon Disulfide	50	U	
75-35-4	1,1-Dichloroethene	56	D	
75-34-3	1,1-Dichloroethane	50	U	
540-59-0	1,2-Dichloroethene (total)	140	D	
67-66-3	Chloroform	50	U	
107-06-2	1,2-Dichloroethane	50	U	
78-93-3	2-Butanone	50	U	
71-55-6	1,1,1-Trichloroethane	310	D	
56-23-5	Carbon Tetrachloride	50	U	
75-27-4	Bromodichloromethane	50	U	
78-87-5	1,2-Dichloropropane	50	U	
10061-01-5	cis-1,3-Dichloropropene	50	U	
79-01-6	Trichloroethene	190	D	
124-48-1	Dibromochloromethane	50	U	
79-00-5	1,1,2-Trichloroethane	50	U	
71-43-2	Benzene	50	U	
10061-02-6	trans-1,3-Dichloropropene	50	U	
75-25-2	Bromoform	50	U	
108-10-1	4-Methyl-2-Pentanone	50	U	
591-78-6	2-Hexanone	50	U	
127-18-4	Tetrachloroethene	50	U	
79-34-5	1,1,2,2-Tetrachloroethane	50	U	
108-88-3	Toluene	50	U	
108-90-7	Chlorobenzene	50	U	
100-41-4	Ethylbenzene	50	U	
100-42-5	Styrene	50	U	
1330-20-7	Xylene (total)	50	U	

THE 1,1,1-TRICHLOROETHANE RESULT REPORTED HAS BEEN
TRANSFERRED TO THE FORM I FOR THE ORIGINAL,
UNDILUTED ANALYSIS OF

FORM I VOA SAMPLE MW-85 NYSDEC ASP 12/91

AM7
7 FEB 96

000115

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-8SDL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607303

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8622.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/29/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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Qm
7 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

Lab Name: NYTEST ENV INC

Contract: 9521637

X-1

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607302

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8598.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/28/95/

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0/

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.

COMPOUND

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

Q

74-87-3-----	Chloromethane		10		U
74-83-9-----	Bromomethane		10		U
75-01-4-----	Vinyl Chloride		10		U
75-00-3-----	Chloroethane		10		U
75-09-2-----	Methylene Chloride		10	U	U
67-64-1-----	Acetone		10		U
75-15-0-----	Carbon Disulfide		10		U
75-35-4-----	1,1-Dichloroethene		51		U
75-34-3-----	1,1-Dichloroethane		7	J	U
540-59-0-----	1,2-Dichloroethene (total)		120		U
67-66-3-----	Chloroform		10		U
107-06-2-----	1,2-Dichloroethane		10		U
78-93-3-----	2-Butanone		10		U
71-55-6-----	1,1,1-Trichloroethane	310	340	D	U
56-23-5-----	Carbon Tetrachloride		10		U
75-27-4-----	Bromodichloromethane		10		U
78-87-5-----	1,2-Dichloropropane		10		U
10061-01-5-----	cis-1,3-Dichloropropene		10		U
79-01-6-----	Trichloroethene	200	210	D	U
124-48-1-----	Dibromochloromethane		10		U
79-00-5-----	1,1,2-Trichloroethane		10		U
71-43-2-----	Benzene		10		U
10061-02-6-----	trans-1,3-Dichloropropene		10		U
75-25-2-----	Bromoform		10		U
108-10-1-----	4-Methyl-2-Pentanone		10		U
591-78-6-----	2-Hexanone		10		U
127-18-4-----	Tetrachloroethene		3		J
79-34-5-----	1,1,2,2-Tetrachloroethane		10		U
108-88-3-----	Toluene		10		U
108-90-7-----	Chlorobenzene		10		U
100-41-4-----	Ethylbenzene		10		U
100-42-5-----	Styrene		10		U
1330-20-7-----	Xylene (total)		10		U

THE 1,1,1-TRICHLOROETHANE AND TRICHLOROETHENE RESULTS REPORT
HAVE BEEN TRANSFERRED FROM THE FORM I FOR X-1 DL, A 5X DILUT
OF SAMPLE X-1. QMN

6 FEB 96

FORM I VOA

NYSDEC ASP 12/91

000145

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

X-1

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607302

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8598.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 ✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Am7
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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

X-1DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607302

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8623.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec.

Date Analyzed: 12/29/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CAS NO.

COMPOUND

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

Q

74-87-3	Chloromethane	50	U	V
74-83-9	Bromomethane	50	U	U
75-01-4	Vinyl Chloride	50	U	U
75-00-3	Chloroethane	50	U	U
75-09-2	Methylene Chloride	75	U	V
67-64-1	Acetone	50	U	V
75-15-0	Carbon Disulfide	50	U	U
75-35-4	1,1-Dichloroethene	55	D	
75-34-3	1,1-Dichloroethane	7	JD	
540-59-0	1,2-Dichloroethene (total)	140	D	
67-66-3	Chloroform	50	U	U
107-06-2	1,2-Dichloroethane	50	U	V
78-93-3	2-Butanone	50	U	U
71-55-6	1,1,1-Trichloroethane	310	D	
56-23-5	Carbon Tetrachloride	50	U	U
75-27-4	Bromodichloromethane	50	U	U
78-87-5	1,2-Dichloropropane	50	U	U
10061-01-5	cis-1,3-Dichloropropene	50	U	U
79-01-6	Trichloroethene	200	D	
124-48-1	Dibromochloromethane	50	U	U
79-00-5	1,1,2-Trichloroethane	50	U	U
71-43-2	Benzene	50	U	U
10061-02-6	trans-1,3-Dichloropropene	50	U	U
75-25-2	Bromoform	50	U	U
108-10-1	4-Methyl-2-Pentanone	50	U	U
591-78-6	2-Hexanone	50	U	U
127-18-4	Tetrachloroethene	50	U	U
79-34-5	1,1,2,2-Tetrachloroethane	50	U	U
108-88-3	Toluene	50	U	U
108-90-7	Chlorobenzene	50	U	U
100-41-4	Ethylbenzene	50	U	U
100-42-5	Styrene	50	U	U
1330-20-7	Xylene (total)	50	U	U

THE 1,1,1-TRICHLOROETHANE AND TRICHLOROETHENE RESULTS
REPORTED HAVE BEEN TRANSFERRED TO THE FORM I FOR
THE ORIGINAL, UNDILUTED FORM I VOA ANALYSIS OF
SAMPLE X-1. QM7

8 FEB 96

NYSDEC ASP 12/91

000153

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

X-1DL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607302

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8623.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/29/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

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

NYSDEC SAMPLE NO.

MW-9B

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607301

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8597.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/28/95✓

GC Column:CAP ID: 0.53 (mm)

Dilution Factor: 1.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	10	U
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	87	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	2	J
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	350 340	D
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	5	J
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

THE TRICHLOROETHENE RESULT REPORTED HAS BEEN TRANSFERRED FROM THE FORM I FOR MW-9B DL, A 5X DILUTION OF SAMPLE MW-9B. CMH

FORM I VOA

NYSDEC ASP 12/91

000122

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-9B

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607301

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8597.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 ✓

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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6 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

MW-9BDL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607301

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8624.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/29/95 ✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 5.0 ✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3	Chloromethane	50	U	✓
74-83-9	Bromomethane	50	U	
75-01-4	Vinyl Chloride	50	U	
75-00-3	Chloroethane	50	U	
75-09-2	Methylene Chloride	77	U	✓
67-64-1	Acetone	50	U	✓
75-15-0	Carbon Disulfide	50	U	
75-35-4	1,1-Dichloroethene	50	U	
75-34-3	1,1-Dichloroethane	50	U	
540-59-0	1,2-Dichloroethene (total)	83	D	
67-66-3	Chloroform	50	U	
107-06-2	1,2-Dichloroethane	50	U	✓
78-93-3	2-Butanone	50	U	
71-55-6	1,1,1-Trichloroethane	50	U	
56-23-5	Carbon Tetrachloride	50	U	
75-27-4	Bromodichloromethane	50	U	
78-87-5	1,2-Dichloropropane	50	U	
10061-01-5	cis-1,3-Dichloropropene	50	U	
79-01-6	Trichloroethene	350	D	
124-48-1	Dibromochloromethane	50	U	
79-00-5	1,1,2-Trichloroethane	50	U	
71-43-2	Benzene	50	U	
10061-02-6	trans-1,3-Dichloropropene	50	U	
75-25-2	Bromoform	50	U	
108-10-1	4-Methyl-2-Pentanone	50	U	
591-78-6	2-Hexanone	50	U	
127-18-4	Tetrachloroethene	50	U	
79-34-5	1,1,2,2-Tetrachloroethane	50	U	
108-88-3	Toluene	50	U	
108-90-7	Chlorobenzene	50	U	
100-41-4	Ethylbenzene	50	U	
100-42-5	Styrene	50	U	
1330-20-7	Xylene (total)	50	U	

THE TRICHLOROETHENE RESULTS REPORTED HAS BEEN
TRANSFERRED TO THE FORM I FOR THE ORIGINAL, UNDILUTE
ANALYSIS OF SAMPLE FORM I VOA MW-9B.

AMM NYSDEC ASP 12/91
8 FEB 96 000129

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

MW-9BDL

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607301

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8624.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/29/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 5.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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8 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TB-1

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607310

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: P8596.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Date Analyzed: 12/28/95✓

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0✓

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	12	B
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

Qm7
6 FEB 96

FORM I VOA

NYSDEC ASP 12/91

000135

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TB-1

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607310

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: P8596.D

Level: (low/med) LOW

Date Received: 12/27/94

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0 /

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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6 FEB 96

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

TB-2

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607813

Sample wt/vol: 5.0 (g/mL) ML

Lab File ID: N5956.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Date Analyzed: 12/28/95/

GC Column: CAP ID: 0.53 (mm)

Dilution Factor: 1.0 /

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L Q

74-87-3-----	Chloromethane	10	U
74-83-9-----	Bromomethane	10	U
75-01-4-----	Vinyl Chloride	10	U
75-00-3-----	Chloroethane	10	U
75-09-2-----	Methylene Chloride	13	B
67-64-1-----	Acetone	10	U
75-15-0-----	Carbon Disulfide	10	U
75-35-4-----	1,1-Dichloroethene	10	U
75-34-3-----	1,1-Dichloroethane	10	U
540-59-0-----	1,2-Dichloroethene (total)	10	U
67-66-3-----	Chloroform	10	U
107-06-2-----	1,2-Dichloroethane	10	U
78-93-3-----	2-Butanone	10	U
71-55-6-----	1,1,1-Trichloroethane	10	U
56-23-5-----	Carbon Tetrachloride	10	U
75-27-4-----	Bromodichloromethane	10	U
78-87-5-----	1,2-Dichloropropane	10	U
10061-01-5-----	cis-1,3-Dichloropropene	10	U
79-01-6-----	Trichloroethene	10	U
124-48-1-----	Dibromochloromethane	10	U
79-00-5-----	1,1,2-Trichloroethane	10	U
71-43-2-----	Benzene	10	U
10061-02-6-----	trans-1,3-Dichloropropene	10	U
75-25-2-----	Bromoform	10	U
108-10-1-----	4-Methyl-2-Pentanone	10	U
591-78-6-----	2-Hexanone	10	U
127-18-4-----	Tetrachloroethene	10	U
79-34-5-----	1,1,2,2-Tetrachloroethane	10	U
108-88-3-----	Toluene	10	U
108-90-7-----	Chlorobenzene	10	U
100-41-4-----	Ethylbenzene	10	U
100-42-5-----	Styrene	10	U
1330-20-7-----	Xylene (total)	10	U

FORM I VOA

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8 FEB 96

NYSDEC ASP 12/91

000140

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

TB-2

Lab Name: NYTEST ENV INC

Contract: 9521637

Lab Code: NYTEST

Case No.: 26073

SAS No.:

SDG No.: NYACK

Matrix: (soil/water) WATER

Lab Sample ID: 2607813

Sample wt/vol: 5.0

(g/mL) ML

Lab File ID: N5956.D

Level: (low/med) LOW

Date Received: 12/27/95

% Moisture: not dec. _____

Data Analyzed: 12/28/95

GC Column: CAP

ID: 0.53 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0/

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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8 FEB 96