NYSDEC SUPERFUND STANDBY CONTRACT
WORK ASSIGNMENT NO. D002472-14.2

PRELIMINARY SITE ASSESSMENT REPORT
VOLUME II - SUPPORTING DOCUMENTATION

ENRX, INC
(FORMERLY VOELKER ANALYSIS)
CITY OF BUFFALO, NEW YORK

SITE NO. 915150

Submitted to:

New York State Department of Environmental Conservation
Albany, New York

Submitted by:

ABB Environmental Services
Portland, Maine

August 1995

Prepared by:

Brian K. Butler
Site Manger
ABB Environmental Services

Submitted by:

Cynthia J. Talbot
Project Manager
ABB Environmental Services

Approved by:

Robert E. Handy, Jr, P.E.
Program Manager
ABB Environmental Services

ENRX, INC.
PRELIMINARY SITE ASSESSMENT REPORT
VOLUME II - SUPPORTING DOCUMENTATION

TABLE OF CONTENTS

Section	Title
1.0	FIELD DATA SHEETS
2.0	BORING LOGS AND MONITORING WELL INSTALLATION DIAGRAMS
3.0	ANALYTICAL DATA TABLES
4.0	SURVEY CONTROL REPORT

SECTION 1.0

FIELD DATA SHEETS

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project NYSDEC Site ENRX

Project No. 7170-40 Sampler Signature Rick Butler

Date 10-3-94

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
_____	_____	pH 4 ____ pH 7 ____ pH 10____
_____	_____	pH 4 ____ pH 7 ____ pH 10____
_____	_____	pH 4 ____ pH 7 ____ pH 10____
_____	_____	Cond. Std. ____/____ Cond. Std. ____/____meter value
_____	_____	Cond. Std. ____/____ Cond. Std. ____/____meter value
_____	_____	Cond. Std. ____/____ Cond. Std. ____/____meter value
Dissolved Oxygen		
_____	_____	Avg. Winkler Value____ ppm Meter Value____ ppm
Redox		
_____	_____	Zobell Sol. Value ____ Meter Value____
Photoionization Meter		
THERMO ENV. 580B (HAZCO # 3914)	OK	Zero/Zero Air? ☒ Yes ☐ No Span Gas Value 100 ppm Equiv. Meter Value 100 ppm Equiv.
_____	_____	Zero/Zero Air? ☐ Yes ☐ No Span Gas Value___ ppm Equiv. Meter Value ___ ppm Equiv.
Other		
HAZCO #1565 MX-241 LEL/O_2	OK	Precalibrated. Amb = 20.8%, 0%

Fluids/Materials Record

Deionized Water Source: ____ ECJ Staging Portable System Other

Trip Blank Water Source: ____ ECJ Lab; Lot No.____

____ Other; Type____ ID____

Decontamination Fluids: ___ Methyl Hydrate; Lot No.____

___ Other; Type____ ID____

HNO_3/DI Rinse Solution: ___ ECJ Staging; Lot No.____

Filtration Paper ID: (In Line) Manuf/Type ____ Lot No.____/____

(Vacuum) Manuf/Type ____ Lot No.____/____

Chemicals Used: HNO_3 Lot No. ____ ZnAOC Lot No.____

H_2SO_4 Lot No. ____ Other Lot No.____

HCL Lot No. ____ Other Lot No.____

NaOH Lot No. ____

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project NYSDEC Site ENRX

Project No. 7170-40 Sampler Signature David Wilkie

Date 10-4-94

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
(HAZCO# 3896) HORIBA WATER CHECKER U-10	GOOD	pH 4 ✓ pH 7 ____ pH 10 ____
(MFG# 304001	____	pH 4 ____ pH 7 ____ pH 10 ____
____	____	pH 4 ____ pH 7 ____ pH 10 ____
____	____	Cond. Std. ____/____ Cond. Std. ____/____
____	____	Cond. Std. ____/____ Cond. Std. ____/____
____	____	Cond. Std. ____/____ Cond. Std. ____/____
Dissolved Oxygen/Salinity/Turbid/Temp		
HORIBA U-10	GOOD	Avg. Winkler Value ____ppm Meter Value 5.86 ppm
Redox		
____	____	Zobell Sol. Value ____ Meter Value ____
Photoionization Meter		
THERMO ENVIR. (HAZCO# 3914) 580 B	____	Zero/Zero Air? ☑ Yes ☐ No Span Gas Value 100 ppm Equiv. Meter Value 100 ppm Equiv. } see HAZCO Cal sheet.
____	____	Zero/Zero Air? ☐ Yes ☐ No Span Gas Value ____ppm Equiv. Meter Value ____ppm Equiv.
Other		
Brüel & Kjaer Multigas Monitor		Pre-Calibrated
HAZCO MX-241 LEL/O2	OK	(#1565 - See HAZCO Cal. Sheet

Fluids/Materials Record

Deionized Water Source: ✓ ECJ Staging Portable System Other ABB SOURCE

Trip Blank Water Source: ____ ECJ Lab; Lot No. ____

✓ Other; Type NYTEST ENV. ID ENQT001XXX94XX

Decontamination Fluids: ____ Methyl Hydrate; Lot No. ____

✓ Other; Type LIQUINOX ID ____

HNO_3/DI Rinse Solution: ____ ECJ Staging; Lot No. ____

Filtration Paper ID: (In Line) Manuf/Type ____ Lot No. ____/____

(Vacuum) Manuf/Type ____ Lot No. ____/____

Chemicals Used: HNO_3 Lot No. ____ ZnAOC Lot No. ____

H_2SO_4 Lot No. ____ Other Lot No. ____

HCL Lot No. ____ Other Lot No. ____

NaOH Lot No. ____

E.C. JORDAN, CO.

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project N45DEC Site ENRX

Project No. 7170-40 Sampler Signature BK Butch

Date 10-5-94

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
		*Auto calibration Fluid used
Horiba U-10 W.Q. Checker	OK	pH 4 ✓ pH 7 ____ pH 10 ____
(HAZCO 3896)		pH 4 ____ pH 7 ____ pH 10 ____
		pH 4 ____ pH 7 ____ pH 10 ____
Horiba U-10 WQchecker	OK	Cond. Std. No std. / Cond. Std. No std. meter value
		Cond. Std. ____ / ____ Cond. Std. ____ / ____ meter value
		Cond. Std. ____ / ____ Cond. Std. ____ / ____ meter value

Dissolved Oxygen / salinity / turbidity / Temp

Horiba U-10 OK Avg. Winkler Value ____ ppm Meter Value 5.86 ppm

Redox

____ ____ Zobell Sol. Value ____ Meter Value ____

Photoionization Meter

Thermo Environmetic 580B (HAZCO # 3914) OK Zero/Zero Air? ☒ Yes ☐ No Span Gas Value 100 ppm Equiv. Meter Value 100 ppm Equiv.

____ ____ Zero/Zero Air? ☐ Yes ☐ No Span Gas Value ____ ppm Equiv. Meter Value ____ ppm Equiv.

Other

Bruel & Jaer Multigas Mon. Ok Pre-calibrated

HAZCO MX-241 LEL/O2 Ok (#1565 - See HAZCO Sheet)

Fluids/Materials Record

Deionized Water Source: ✓ (ECJ Staging) Portable System Other

Trip Blank Water Source: ____ ECJ Lab; Lot No. ____

✓ Other; Type NYTEST Env. ID As Yesterday

Decontamination Fluids: ____ Methyl Hydrate; Lot No. ____

✓ Other; Type Liquinox ID ____

HNO_3/DI Rinse Solution: ____ ECJ Staging; Lot No. ____

Filtration Paper ID: (In Line) Manuf/Type ____ Lot No. ____ / ____

(Vacuum) Manuf/Type ____ Lot No. ____ / ____

Chemicals Used: HNO_3 Lot No. Lab Pre-preserved ZnAOC Lot No. ____

H_2SO_4 Lot No. ____ Other Lot No. ____

HCL Lot No. ____ Other Lot No. ____

NaOH Lot No. Lab Pre-preserved

Brüel & Kjær

1302 Filter and Calibration Data

CUSTOMER: ABB Environmental SERIAL NUMBER: 1617171
Filter Number: UA 0936 Filter Position: A Filter Bank #: 1

Zero Calibration:
Date: 09/27/94
Calibration Gas: Zero air

Humidity Interference Calibration:
Date: 09/27/94
Calibration Gas: Humidified zero air
Dewpoint (°C): 13.8

Span Calibration:
Date: 00/00/94
Calibration Gas:
Concentration (ppm):
Source:
Ambient Temp. (°C): Ambient Pressure (mmHg):

Measurment Results:

Input Concentration(ppm)	1302 Measurement Reading(ppm)

Brüel & Kjær

1302 Filter and Calibration Data

CUSTOMER: ABB Environmental SERIAL NUMBER: 1617171
Filter Number: UA 0970 Filter Position: B Filter Bank #: 1

Zero Calibration:
Date: 09/27/94
Calibration Gas: Zero air

Humidity Interference Calibration:
Date: 09/27/94
Calibration Gas: Humidified zero air
Dewpoint (°C): 13.8

Span Calibration:
Date: 09/28/94
Calibration Gas: *trans*-1,2-Dichloroethylene
Concentration (ppm): 265
Source: Liquid injection into a Tedlar bag
Ambient Temp. (°C): 22.0 Ambient Pressure (mmHg): 738

Measurment Results:

Input Concentration(ppm)	1302 Measurement Reading(ppm)
265	263 ± 1
120	123 ± 1
48.2	49.1 ± 0.1

Brüel & Kjær

1302 Filter and Calibration Data

CUSTOMER: ABB Environmental SERIAL NUMBER: 1617171
Filter Number: UA 0972 Filter Position: C Filter Bank #: 1

Zero Calibration:
Date: 09/27/94
Calibration Gas: Zero air

Humidity Interference Calibration:
Date: 09/27/94
Calibration Gas: Humidified zero air
Dewpoint (°C): 13.8

Span Calibration:
Date: 09/29/94
Calibration Gas: 1,1,1-Trichloroethane
Concentration (ppm): 243
Source: Liquid injection into a Tedlar bag
Ambient Temp. (°C): 22.0 Ambient Pressure (mmHg): 738

Measurment Results:

Input Concentration(ppm)	1302 Measurement Reading(ppm)
243	244 ± 1
131	128 ± 1
37.3	37.5 ± 0.2

Brüel & Kjær

1302 Filter and Calibration Data

CUSTOMER: ABB Environmental SERIAL NUMBER: 1617171
Filter Number: UA 0974 Filter Position: D Filter Bank #: 1

Zero Calibration:
Date: 09/27/94
Calibration Gas: Zero air

Humidity Interference Calibration:
Date: 09/27/94
Calibration Gas: Humidified zero air
Dewpoint (°C): 13.8

Span Calibration:
Date: 09/29/94
Calibration Gas: 1,1-Dichloroethylene
Concentration (ppm): 256
Source: Liquid injection into a Tedlar bag
Ambient Temp. (°C): 22.0 Ambient Pressure (mmHg): 738

Measurment Results:

Input Concentration(ppm)	1302 Measurement Reading(ppm)
256	255 ± 1
116	120 ± 1
46.6	47.9 ± 0.1

Brüel & Kjær

1302 Filter and Calibration Data

CUSTOMER: ABB Environmental SERIAL NUMBER: 1617171
Filter Number: UA 0980 Filter Position: E Filter Bank #: 1

Zero Calibration:
Date: 09/27/94
Calibration Gas: Zero air

Humidity Interference Calibration:
Date: 09/27/94
Calibration Gas: Humidified zero air
Dewpoint (°C): 13.8

Span Calibration:
Date: 09/30/94
Calibration Gas: Carbon tetrachloride
Concentration (ppm): 154
Source: Liquid injection into a Tedlar bag
Ambient Temp. (°C): 22.0 Ambient Pressure (mmHg): 740

Measurment Results:

Input Concentration(ppm)	1302 Measurement Reading(ppm)
154	154 ± 1
77.1	77.8± 0.1
38.6	38.8 ± 0.1

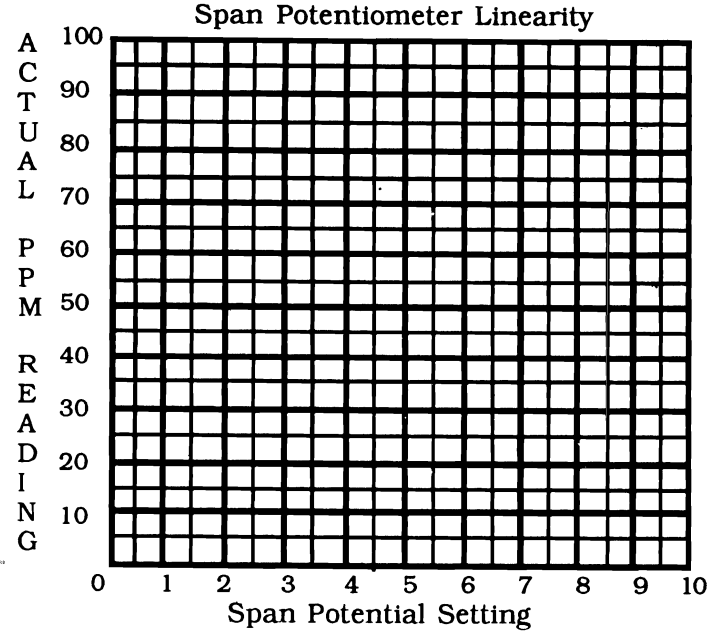
HAZCO Services, Inc.

Instrument Description 580B

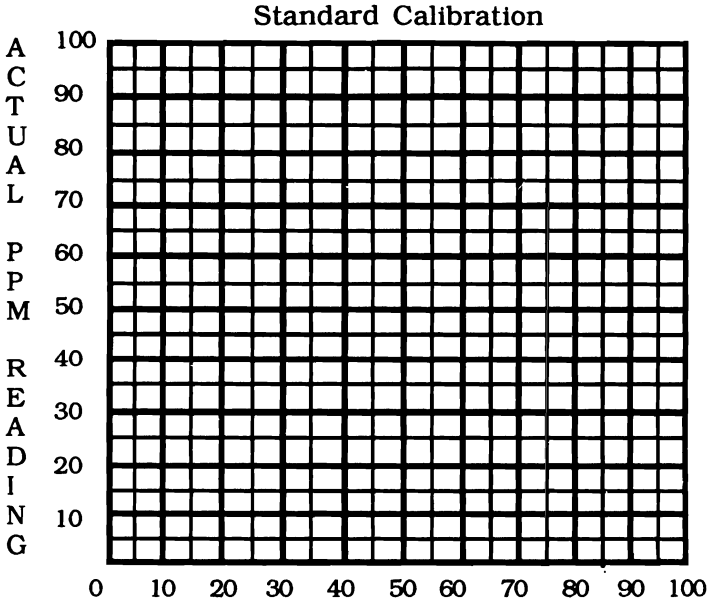
Mfg. Serial #: 40105-262 Calibration Date: 9-30-94

HAZCO Serial #: 3914 Technician: CDG

Span Potentiometer Linearity



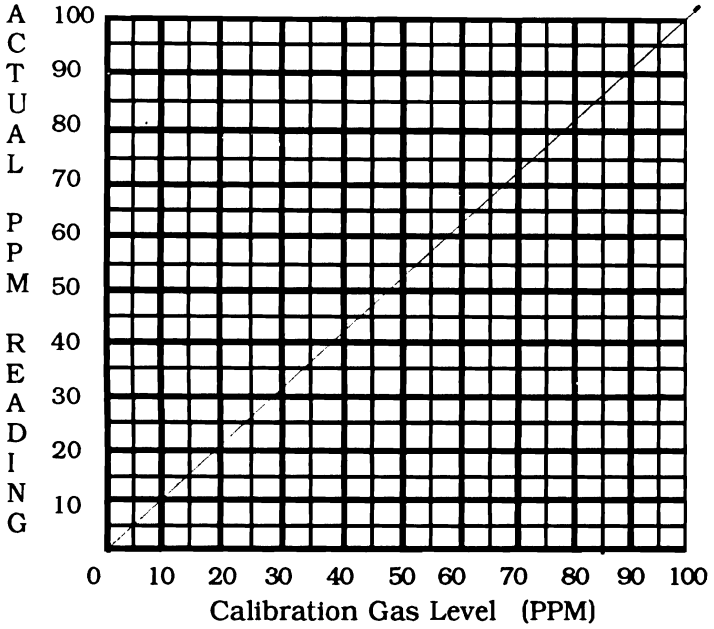
Standard Calibration



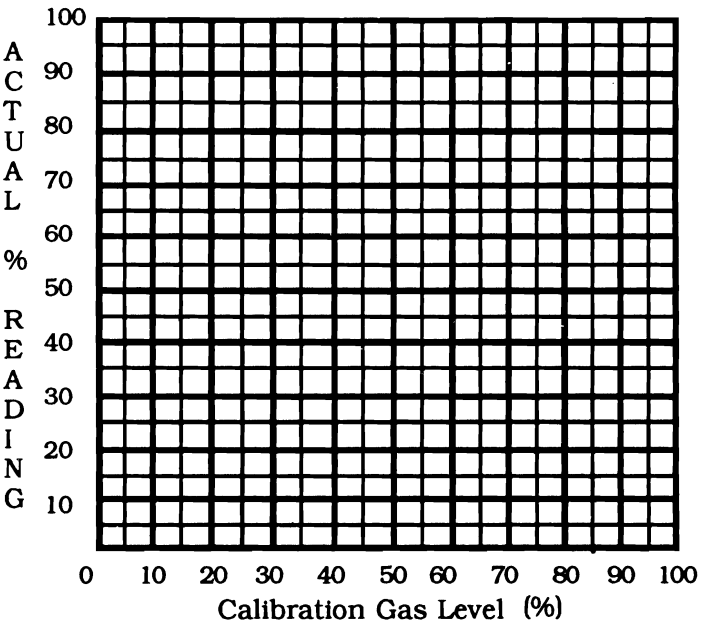
Calibration Points _____

Calibration Points _____

Standard Calibration



Standard Calibration



Calibration Points 00, 104-104

Calibration Points _____

Please Return Equipment to

- ☒ HAZCO Services, Inc., 2006 Springboro West, Dayton, OH 45439, 513-293-2700
- ☐ HAZCO Services, Inc., 2550 Eisenhower Ave., Valley Forge, PA 19481, 610-650-8900
- ☐ HAZCO Services, Inc., 15353 East Hinsdale Circle, Suite D, Englewood, CO 80112, 303-766-1501
- ☐ HAZCO Services, Inc., 1735 East Wilshire Blvd., Suite 802, Santa Ana, CA 92705, 714-558-1475
- ☐ HAZCO Services, Inc., 50 Campus Plaza, Edison, NJ 08837-3911, 908-417-0660,
- ☐ HAZCO Services, Inc., 115-A Flint Road, Oak Ridge, TN 37830, 615-482-3940

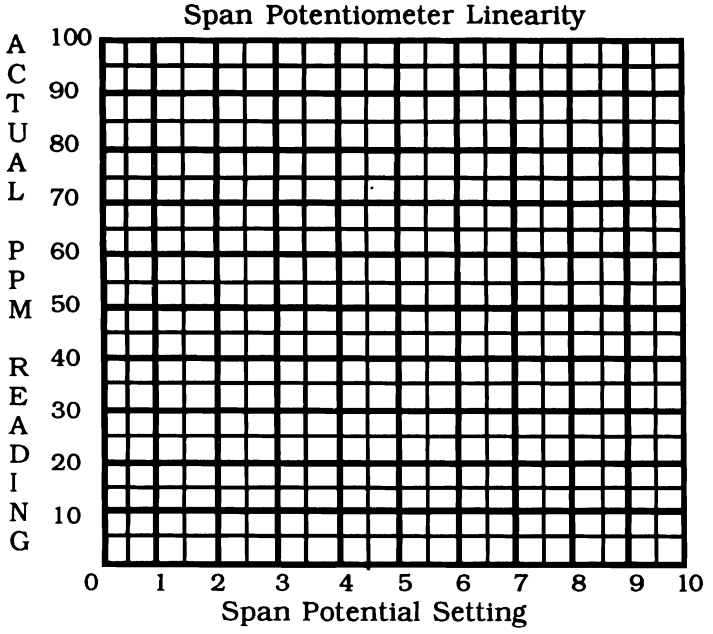
HAZCO Services, Inc.

Instrument Description MX241

Mfg. Serial #: _____ Calibration Date: 9-30-94

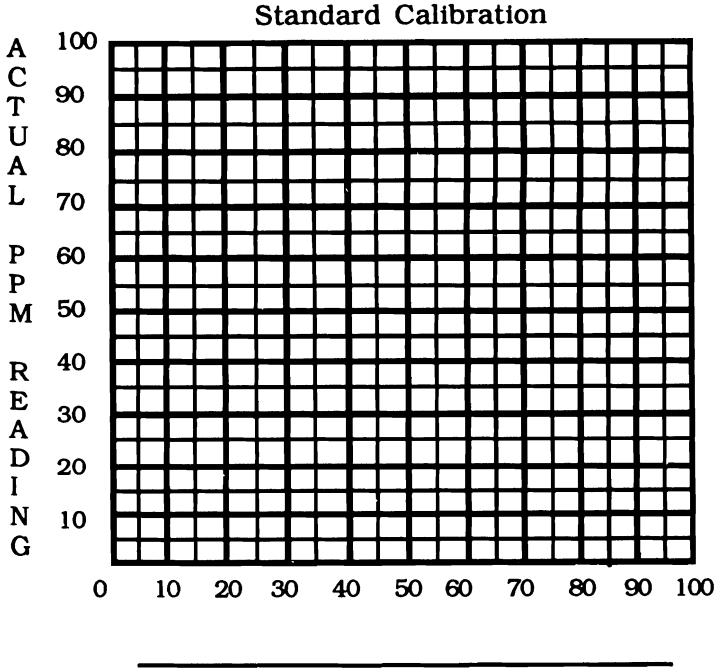
HAZCO Serial #: 1565 Technician: SRR

Span Potentiometer Linearity



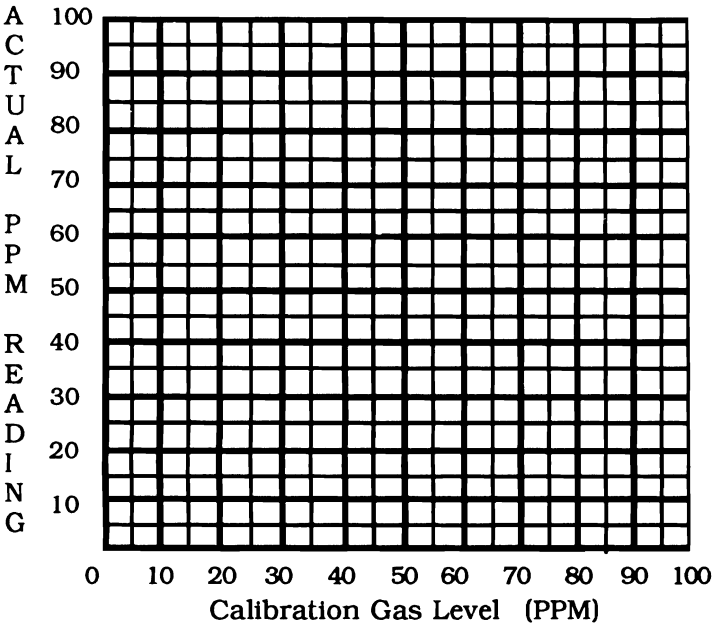
Calibration Points _____

Standard Calibration



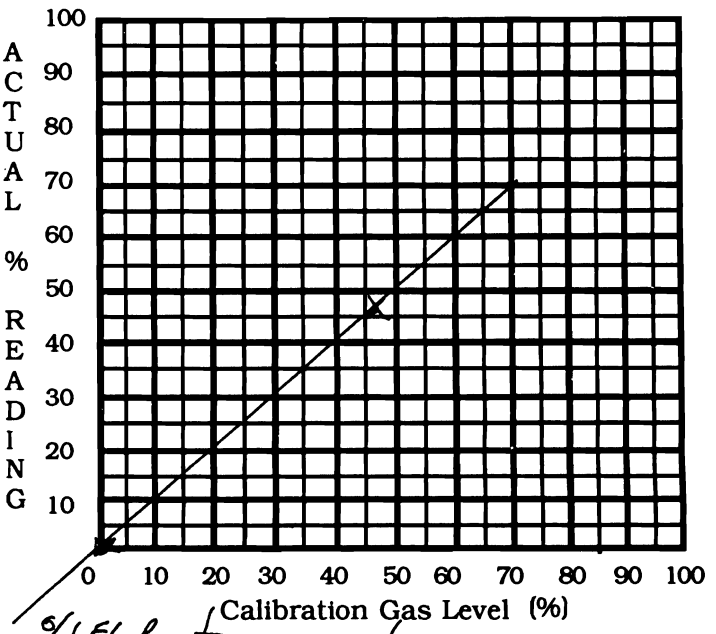
Calibration Points _____

Standard Calibration



Calibration Points _____

Standard Calibration



%LEL Pentane

Calibration Points 0-0/46-46

Please Return Equipment to

- [x] HAZCO Services, Inc., 2006 Springboro West, Dayton, OH 45439, 513-293-2700
- [ ] HAZCO Services, Inc., 2550 Eisenhower Ave., Valley Forge, PA 19481, 610-650-8900
- [ ] HAZCO Services, Inc., 15353 East Hinsdale Circle, Suite D, Englewood, CO 80112, 303-766-1501
- [ ] HAZCO Services, Inc., 1735 East Wilshire Blvd., Suite 802, Santa Ana, CA 92705, 714-558-1475
- [ ] HAZCO Services, Inc., 50 Campus Plaza, Edison, NJ 08837-3911, 908-417-0660,
- [ ] HAZCO Services, Inc., 115-A Flint Road, Oak Ridge, TN 37830, 615-482-3940

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project ENRY INC. Site ENRY INC.

Project No. 7170-40 Sampler Signature [signature]

Date 10-27-94

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
_____	_____	pH 4 ____ pH 7 ____ pH 10 ____
_____	_____	pH 4 ____ pH 7 ____ pH 10 ____
_____	_____	pH 4 ____ pH 7 ____ pH 10 ____
_____	_____	Cond. Std. ____/ ____ Cond. Std. ____/ ____
_____	_____	Cond. Std. ____/ ____ Cond. Std. ____/ ____
_____	_____	Cond. Std. ____/ ____ Cond. Std. ____/ ____
Dissolved Oxygen		
_____	_____	Avg. Winkler Value ____ppm Meter Value ____ppm
Redox		
_____	_____	Zobell Sol. Value ____ Meter Value ____
Photoionization Meter		
TE 580B, OVM #5315 (Rental From HAZCO)	OK	Zero/Zero Air? ☐ Yes ☑ No Span Gas Value 100 ppm Equiv. Meter Value 104.5 ppm Equiv.
_____	_____	Zero/Zero Air? ☐ Yes ☐ No Span Gas Value ___ppm Equiv. Meter Value ___ppm Equiv.
Other		
DUST Monitors MINIRAM	OK	RENTED FROM HAZCO

Fluids/Materials Record

Deionized Water Source: ✓ ECJ Staging Portable System Other

Trip Blank Water Source: ___ECJ Lab; Lot No. _____

___Other; Type _____ ID _____

Decontamination Fluids: ___Methyl Hydrate; Lot No. _____

✓ Other; Type POTABLE WATER & ~~ID~~ LIQUINOX

HNO_3/DI Rinse Solution: ___ECJ Staging; Lot No. _____

Filtration Paper ID: (In Line) Manuf/Type _____ Lot No. _____/ _____

(Vacuum) Manuf/Type _____ Lot No. _____/ _____

Chemicals Used: HNO_3 Lot No. * ✓ LAB SUPPLIED ZnAOC Lot No. _____

H_2SO_4 Lot No. _____ Other Lot No. _____

HCL Lot No. * ✓ LAB SUPPLIED Other Lot No. _____

NaOH Lot No. * ✓ LAB SUPPLIED

* = LAB BOTTLES PRE-PRESERVED FROM NYTEST

E.C. JORDAN, CO.

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project _____ Site ENRX, INC.

Project No. 7170-40 Sampler Signature John S. Zyla

Date 10-28-94

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
_____	_____	pH 4 ____ pH 7 ____ pH 10____
_____	_____	pH 4 ____ pH 7 ____ pH 10____
_____	_____	pH 4 ____ pH 7 ____ pH 10____
_____	_____	Cond. Std. ____/____ Cond. Std. ____/____meter value
_____	_____	Cond. Std. ____/____ Cond. Std. ____/____meter value
_____	_____	Cond. Std. ____/____ Cond. Std. ____/____meter value
Dissolved Oxygen		
_____	_____	Avg. Winkler Value____ ppm Meter Value____ ppm
Redox		
_____	_____	Zobell Sol. Value ____ Meter Value____
Photoionization Meter		
_____	_____	Zero/Zero Air? ☐Yes ☐No Span Gas Value___ ppm Equiv.
		Meter Value ___ ppm Equiv.
580 B OVM	OK	Ambient Zero/Zero Air? ☑Yes ☐No Span Gas Value 100 ppm Equiv.
		Meter Value 99.9 to 104.5 (FLUCTUATED) ppm Equiv.
Other		
_____	_____	_____

Fluids/Materials Record

Deionized Water Source: ✓ ECJ Staging Portable System Other

Trip Blank Water Source: ___ ECJ Lab; Lot No. _____

✓ Other; Type LAB SUPPLIED ID _____

Decontamination Fluids: ___ Methyl Hydrate; Lot No. _____

✓ Other; Type DI, POTABLE H_2O & 1% LIQUINOX

HNO_3/DI Rinse Solution: ___ ECJ Staging; Lot No. _____

Filtration Paper ID: (In Line) Manuf/Type _____ Lot No. ____ / ____

(Vacuum) Manuf/Type _____ Lot No. ____ / ____

Chemicals Used: HNO_3 Lot No. _____ ZnAOC Lot No. _____

H_2SO_4 Lot No. _____ Other Lot No. _____

HCL Lot No. _____ Other Lot No. _____

NaOH Lot No. _____

ALL LAB SUPPLIED W/ SAMPLE BOTTLES

ABB Environmental Services

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project _____ Site ENRX, INC.

Project No. 7170-40 Sampler Signature _____

Date 10-31-94

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
Horiba Water Checker U-10, #5090 HARCO	ok	AUTO CALIBRATION FEATURE W/ INSTRUMENT
		pH 4 ____ pH 7 ____ pH 10 ____
		pH 4 ____ pH 7 ____ pH 10 ____
		pH 4 ____ pH 7 ____ pH 10 ____
		Cond. Std. ____/____ Cond. Std. ____/____ meter value
		Cond. Std. ____/____ Cond. Std. ____/____ meter value
		Cond. Std. ____/____ Cond. Std. ____/____ meter value
Dissolved Oxygen		
		Avg. Winkler Value ____ ppm Meter Value ____ ppm
Redox		
		Zobell Sol. Value ____ Meter Value ____
Photoionization Meter		
		Zero/Zero Air? ☐Yes ☐No Span Gas Value ___ ppm Equiv.
		Meter Value ___ ppm Equiv.
TE 580B OVM #5315 HARCO	OK	~~Zero/Zero~~ Ambient Air? ☑Yes ☐No Span Gas Value 100 ppm Equiv.
		Meter Value 105 to 99 FLUCTUATED ppm Equiv.
Other		

Fluids/Materials Record

Deionized Water Source: ✓ ECJ Staging Portable System Other

Trip Blank Water Source: ___ ECJ Lab; Lot No. _____

___ Other; Type _____ ID _____

Decontamination Fluids: ~~✓~~ Methyl Hydrate; Lot No. _____

✓ Other; Type DI, POTABLE H_2O ~~ID~~ LIQUINOX

HNO_3/DI Rinse Solution: ___ ECJ Staging; Lot No. _____

Filtration Paper ID: (In Line) Manuf/Type _____ Lot No. _____ / _____

(Vacuum) Manuf/Type _____ Lot No. _____ / _____

Chemicals Used: HNO_3 Lot No. _____ ZnAOC Lot No. _____

H_2SO_4 Lot No. _____ Other Lot No. _____

HCL Lot No. _____ Other Lot No. _____

NaOH Lot No. _____

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project _____ Site ENRX, INC.

Project No. 7170-40 Sampler Signature _____

Date 11-1-94

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
VERY HEAVY RAIN TODAY		pH 4 ____ pH 7 ____ pH 10 ____
		pH 4 ____ pH 7 ____ pH 10 ____
HORIBA Water Checker U-10, #5090 HAZCO	OK	pH 4 ____ pH 7 ____ pH 10 ____ AUTO CALIBRATION PERFORMED
		Cond. Std. ____/____ Cond. Std. ____/____ meter value
		Cond. Std. ____/____ Cond. Std. ____/____ meter value
		Cond. Std. ____/____ Cond. Std. ____/____ meter value
Dissolved Oxygen		
		Avg. Winkler Value ____ ppm Meter Value ____ ppm
Redox		
		Zobell Sol. Value ____ Meter Value ____
Photoionization Meter		
		Zero/Zero Air? ☐Yes ☐No Span Gas Value ____ ppm Equiv. Meter Value ____ ppm Equiv.
DID NOT USE RAIN		
		Zero/Zero Air? ☐Yes ☐No Span Gas Value ____ ppm Equiv. Meter Value ____ ppm Equiv.
Other		

Fluids/Materials Record

Deionized Water Source: ✓ ECJ Staging Portable System Other

Trip Blank Water Source: ___ ECJ Lab; Lot No. _____

___ Other; Type _____ ID _____

Decontamination Fluids: ___ Methyl Hydrate; Lot No. _____

✓ Other; Type DI, POTABLE H_2O ID LIQUINOX

HNO_3/DI Rinse Solution: ___ ECJ Staging; Lot No. _____

Filtration Paper ID: (In Line) Manuf/Type _____ Lot No. ____ / ____

(Vacuum) Manuf/Type _____ Lot No. ____ / ____

Chemicals Used: HNO_3 Lot No. _____ ZnAOC Lot No. _____

H_2SO_4 Lot No. _____ Other Lot No. _____

HCL Lot No. _____ Other Lot No. _____

NaOH Lot No. _____

FIELD INSTRUMENTATION & MATERIAL QUALITY ASSURANCE RECORD

Project ENRX, Inc. Site ENRX Inc.

Project No. 7170-40 Sampler Signature Rick Butler

Date 11-30-94

Field Instrumentation Calibration Data

Equipment Type/I.D.	Battery Condition	Calibration Information
Horiba U-10 WQ Checker	OK	pH 4 ✓ pH 7 ____ pH 10 ____
(Hazco #)		pH 4 ____ pH 7 ____ pH 10 ____
*Not Autocal. Soln *		pH 4 ____ pH 7 ____ pH 10 ____
		Cond. Std. Not Avail. Cond. Std. Not Avail meter value
		Cond. Std. ____/____ Cond. Std. ____/____ meter value
		Cond. Std. ____/____ Cond. Std. ____/____ meter value
Dissolved Oxygen /		
Horiba- U 10 (Hazco #	OK	Avg. Winkler Value ____ ppm Meter Value ____ ppm
Redox		
		Zobell Sol. Value ____ Meter Value ____
Photoionization Meter		
Thermo Environmental		Zero/Zero Air? ☐Yes ☐No Span Gas Value ____ ppm Equiv.
		Meter Value ____ ppm Equiv.
		Zero/Zero Air? ☐Yes ☐No Span Gas Value ____ ppm Equiv.
		Meter Value ____ ppm Equiv.
Other		

Fluids/Materials Record

Deionized Water Source: X (ECJ Staging) Portable System Other

Trip Blank Water Source: ____ ECJ Lab; Lot No. ____

X Other; Type NYTEST ID ENGT002XXX94XX

Decontamination Fluids: ____ Methyl Hydrate; Lot No. ____

X Other; Type Liquinox ID ____

HNO_3/DI Rinse Solution: ____ ECJ Staging; Lot No. ____

Filtration Paper ID: (In Line) Manuf/Type ____ Lot No. ____ / ____

(Vacuum) Manuf/Type ____ Lot No. ____ / ____

Chemicals Used: HNO_3 Lot No. Lab prepreserved ZnAOC Lot No. ____

H_2SO_4 Lot No. ____ Other Lot No. ____

HCL Lot No. ____ Other Lot No. ____

NaOH Lot No. Lab prepreserved

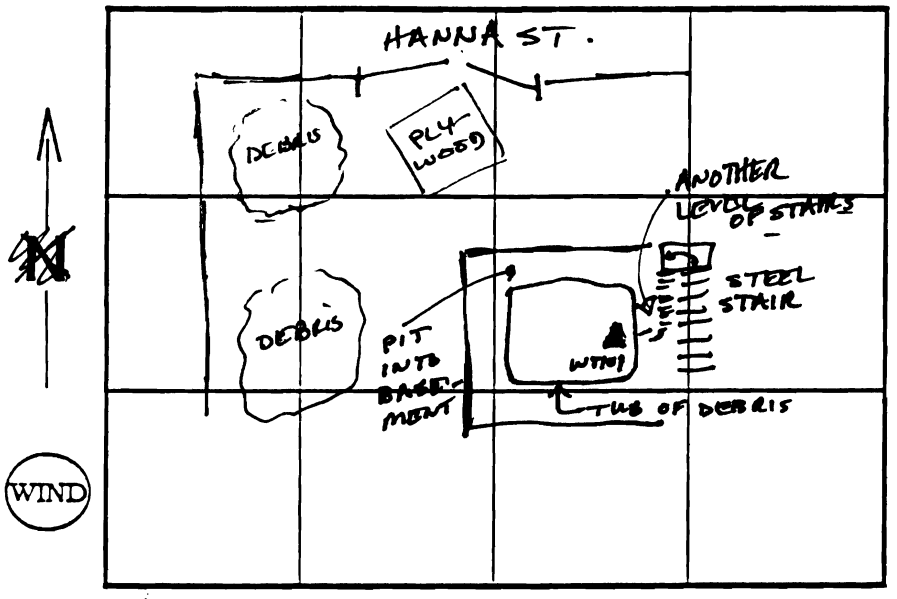
SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

SITE ENRX STRUCTURE TYPE Still bottoms Tank

STRUCTURE ID WT 101 DATE 10-4-94 TIME 1640 END 1700

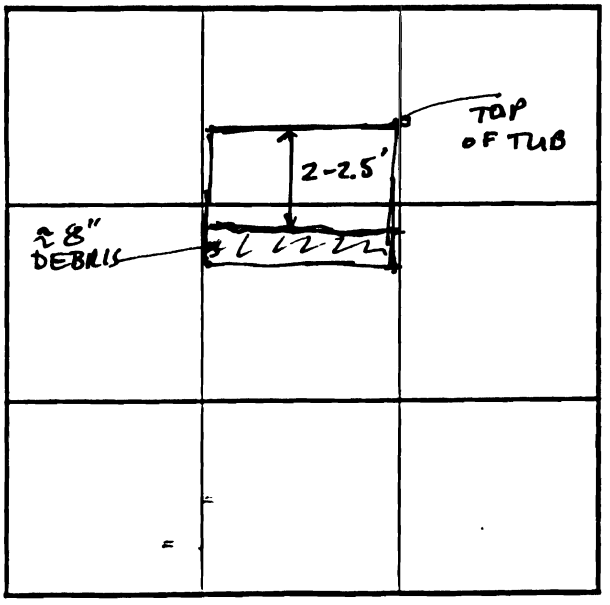
COORDINATES

PLAN VIEW OF STRUCTURE SITE W/ DIMENSIONS



SCALE 1 INCH= NTS FEET

CROSS SECTION OF STRUCTURE



SCALE 1 INCH= NTS FEET

CREW MEMBERS:

1. D. Loveloy
2. C. Talbot
3. D. Wilkie
4. B. Butler
5.
6.

MONITORING EQUIPMENT:

PI Meter	(Y)	N
Explosive Gas	(Y)	N
Avail. Oxygen	(Y)	N
OVA	Y	N

Other N/A

Photographs, Roll N/A

Exposure N/A

HEALTH AND SAFETY

Protection Level B

Initial PI 0. ppm

Initial LEL — %

Initial O_2 20.6 %

PID Sample= 0ppm

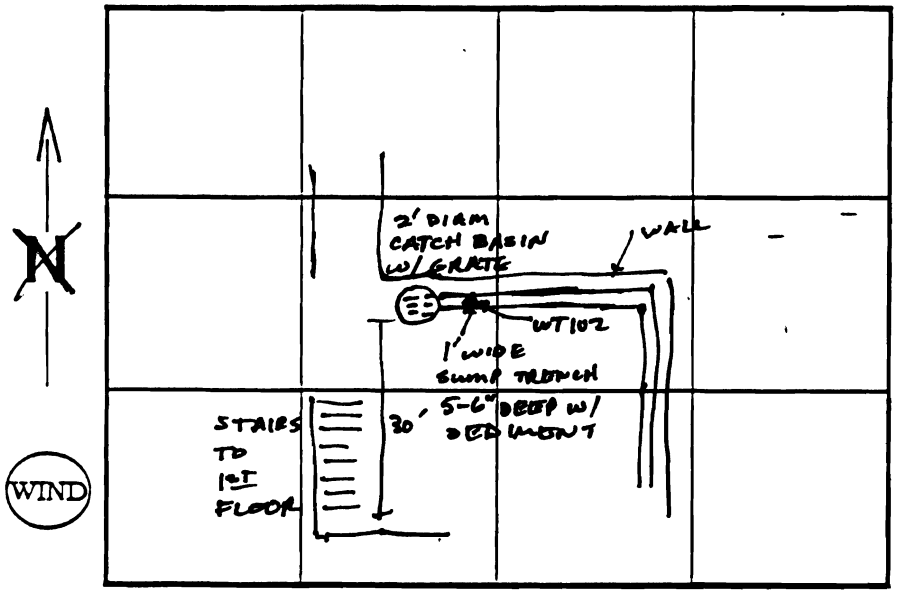
Logged by D Wilkie

Checked by B Butler

SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

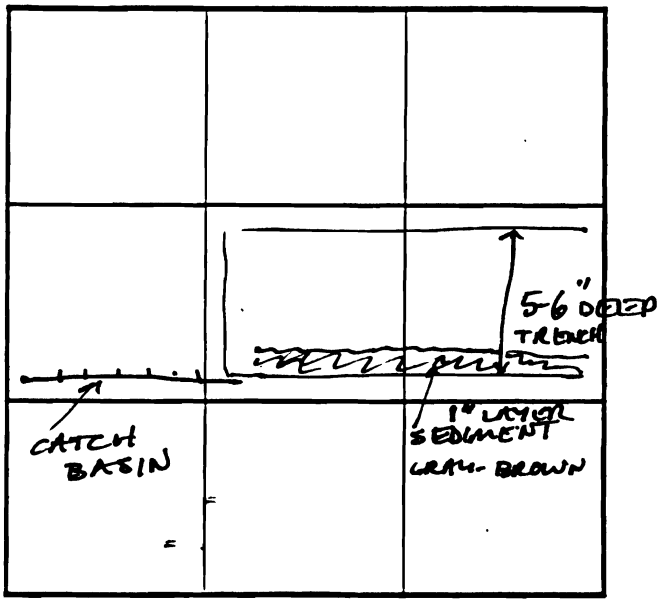
SITE ENRX, INC. STRUCTURE TYPE sump.
STRUCTURE ID WT102 DATE 10-4-94 TIME 1605 END 1645
COORDINATES _____

PLAN VIEW OF STRUCTURE SITE W/ DIMENSIONS



SCALE 1 INCH= NTS FEET

CROSS SECTION OF STRUCTURE



SCALE 1 INCH= NTS FEET

CREW MEMBERS:

1. D. LOVEJOY
2. C. TALBOT
3. D. WILKIE
4. B. BUTLER
5.
6.

MONITORING EQUIPMENT:

PI Meter	(Y)	N
Explosive Gas	(Y)	N
Avail. Oxygen	(Y)	N
OVA	Y	N

Other _____

Photographs, Roll _____

Exposure _____

HEALTH AND SAFETY

Protection Level B
Initial PI 25-30 ppm
Initial LEL 1 %
Initial O_2 20.6 %

Logged by D. Wilkie

Checked by B K Butler

SURFACE SOIL SAMPLE DATA RECORD

Project: ENRX
Project Number: 7170-40
Sample Location ID: WT-103/104
Time: Start: 1700 End: 1730

Site: First Floor
Date: 10-4-94
Signature of Sampler: D. Wilkie

SOIL SAMPLE

DEPTH OF SAMPLE 0-1"

EQUIPMENT USED FOR COLLECTION:
[ ] HAND AUGER
[ ] S.S. SPLIT SPOON
[ ] SHOVEL
[✓] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

TYPE OF SAMPLE COLLECTED:
[✓] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR dark gray w/
[ ] some white specs
most

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[X] DEIONIZED WATER
[X] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[ ] POTABLE WATER
[ ] NONE

SOIL TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL
[✓] other- sludge

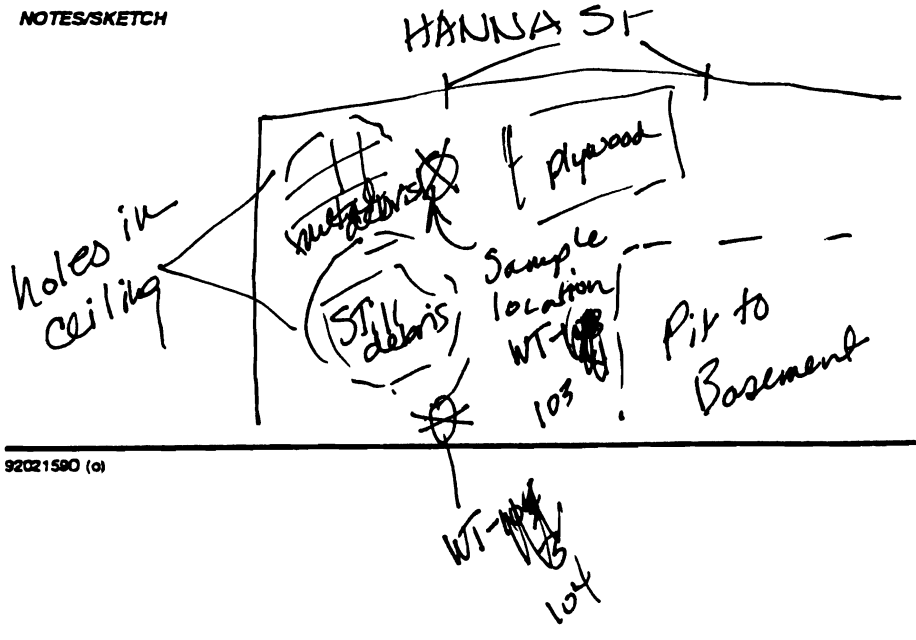
FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

SAMPLE LOCATION SKETCH:
[X] YES see below
[ ] NO

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] TCL VOC	[ ]	[✓]	[ ]		[✓]	
[✓] TCL SVOC	[ ]	[✓]	[ ]		[✓]	
[✓] TCL Pest/PCBs	[ ]	[✓]	[ ]		[✓]	
[✓] TCL inorg.	[ ]	[✓]	[ ]		[✓]	
[✓] TCLP metals	[ ]	[✓]	[ ]		[✓]	
[✓] Ignitability	[ ]	[✓]	[ ]		[✓]	
[ ]	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH



E.C. JORDAN CO.

92021590 (o)

SURFACE SOIL SAMPLE DATA RECORD

Project: ENRX, INC.
Project Number: 770-40
Sample Location ID: WT-105
Time: Start: 0845 End: 0955

Site: Second Floor
Date: 10-5-94
Signature of Sampler: BK Bath for D Wilcox

SOIL SAMPLE

DEPTH OF SAMPLE 1" PILE ON FLOOR - CALLED ON TO FLOOR, NEEDED TO BE SCRAPED OFF FLOOR.

EQUIPMENT USED FOR COLLECTION:
- [ ] HAND AUGER
- [ ] S.S. SPLIT SPOON
- [ ] SHOVEL
- [✓] HAND SPOON
- [ ] ALUMINUM PANS
- [ ] SS BUCKET
- [ ] _____

TYPE OF SAMPLE COLLECTED:
- [ ] DISCRETE
- [ ] COMPOSITE

SAMPLE OBSERVATIONS:
- [ ] ODOR _____
- [ ] COLOR DARK BROWN
- [ ] LIGHT MATERIAL Possible Lime or Soda Ash

DECONTAMINATION FLUIDS USED:
- [✓] ALL USED
- [ ] ETHYL ALCOHOL
- [ ] 25% METHANOL/ 75% ASTM TYPE II WATER
- [ ] DEIONIZED WATER
- [✓] LIQUINOX SOLUTION
- [ ] HEXANE
- [ ] HNO_3 SOLUTION
- [ ] POTABLE WATER
- [ ] NONE

SOIL TYPE:
- [ ] CLAY
- [✓] SAND - POWDER
- [ ] ORGANIC
- [ ] GRAVEL

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

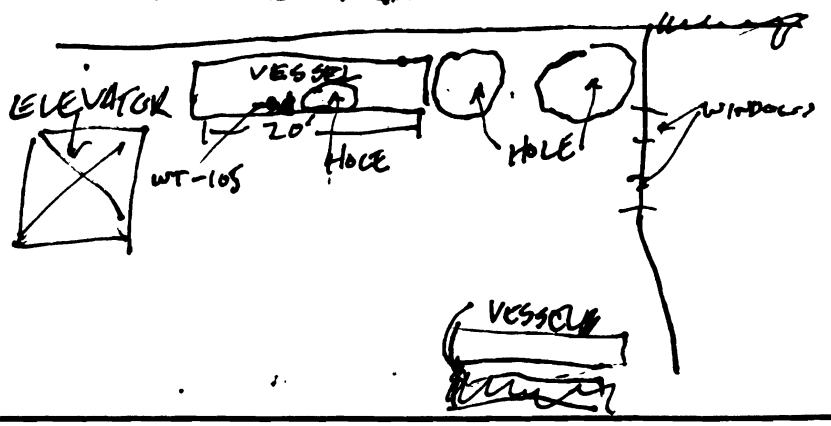
SAMPLE LOCATION SKETCH:
- [ ] YES
- [ ] NO

PID=0.

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] TCL VOC	[ ]	[✓]	[ ]		[✓]	
[✓] TCL SVOC	[ ]	[✓]	[ ]		[✓]	
[✓] TCL Pesticides	[ ]	[✓]	[ ]		[✓]	
[✓] TCL Inor	[ ]	[✓]	[ ]		[✓]	
[✓] TCLP for Metals	[ ]	[✓]	[ ]		[✓]	
[✓] Ignit/reactivity	[ ]	[✓]	[ ]		[✓]	
[ ]	[ ]	[ ]	[ ]		[ ]	

NOTES/SKETCH SAMPLE TAKEN AT EDGE OF ELEVATED VESSEL



E.C. JORDAN CO.

92021590 (o)

SURFACE SOIL SAMPLE DATA RECORD

Project: ENRX, INC.
Project Number: 7170-40
Sample Location ID: WT-106
Time: Start: 0830 End: 0940

Site: Third Floor
Date: 10-5-94
Signature of Sampler: D. Wilkie

SOIL SAMPLE

DEPTH OF SAMPLE 4-5" LOOSE PILE ON FLOOR

EQUIPMENT USED FOR COLLECTION:
[ ] HAND AUGER
[ ] S.S. SPLIT SPOON
[ ] SHOVEL
[✓] HAND SPOON
[ ] ALUMINUM PANS
[ ] SS BUCKET
[ ] _____

TYPE OF SAMPLE COLLECTED:
[✓] DISCRETE
[ ] COMPOSITE

SAMPLE OBSERVATIONS:
[ ] ODOR _____
[ ] COLOR BROWN, DRY
[ ] _____

DECONTAMINATION FLUIDS USED:
✓ ALL USED
[ ] ETHYL ALCOHOL
[ ] 25% METHANOL/ 75% ASTM TYPE II WATER
[✓] DEIONIZED WATER
[✓] LIQUINOX SOLUTION
[ ] HEXANE
[ ] HNO_3 SOLUTION
[ ] POTABLE WATER
[ ] NONE

SOIL TYPE:
[ ] CLAY
[ ] SAND
[ ] ORGANIC
[ ] GRAVEL
SILTY, FINE DUST

FIELD GC DATA: [ ] FIELD DUPLICATE COLLECTED
DUPLICATE ID _____

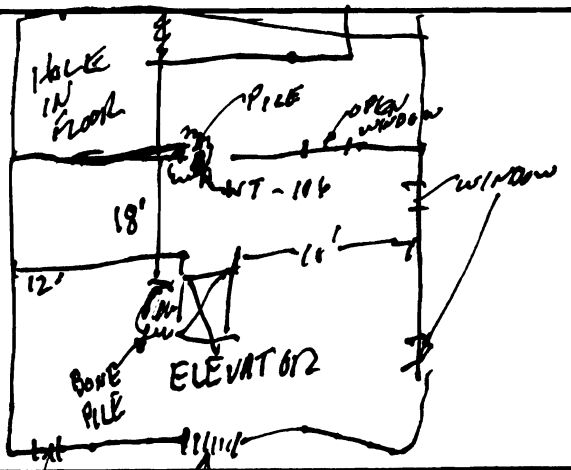
SAMPLE LOCATION SKETCH:
[✓] YES see below
[ ] NO

PID = 0. ppm
O_2 = OPEN AIRWAYS

SAMPLES COLLECTED

✓ IF REQUIRED AT THIS LOCATION	MATRIX: SURFACE WATER	MATRIX: SEDIMENT	✓ IF PRESERVED WITH ACID-BASE	VOLUME REQUIRED	✓ IF SAMPLE COLLECTED	SAMPLE BOTTLE IDS
[✓] TCL VOC	[ ]	[ ]	[ ]		[ ]	
[✓] TCL SVOC	[ ]	[ ]	[ ]		[ ]	
[✓] TCL Pest/PCB	[ ]	[ ]	[ ]		[ ]	
[✓] TCL inorg	[ ]	[ ]	[ ]		[ ]	
[✓] EPTOX Metals	[ ]	[ ]	[ ]		[ ]	
[✓] Ignitability/reactivity	[ ]	[ ]	[ ]		[ ]	
[ ]	[ ]	[ ]	[ ]		[ ]	

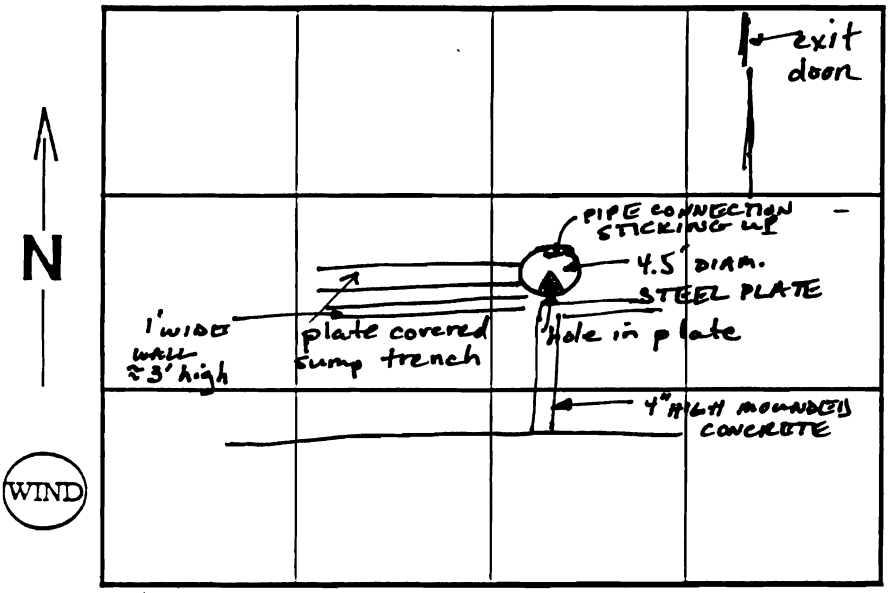
NOTES/SKETCH



SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

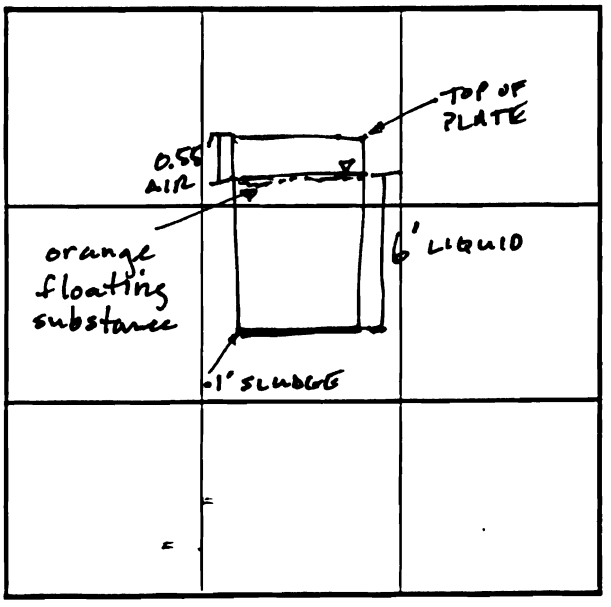
SITE ENRY STRUCTURE TYPE O/W SEPARATOR
STRUCTURE ID ENCD101 DATE 10-4-94 TIME 1030 END 1110
COORDINATES

PLAN VIEW OF STRUCTURE SITE W/ DIMENSIONS



SCALE 1 INCH= NTS FEET

CROSS SECTION OF STRUCTURE



SCALE 1 INCH= NTS FEET

CREW MEMBERS:

1. D. LOVEJOY
2. C. TALBOT
3. D. WILKIE
4. B. BUTLER
5.
6.

MONITORING EQUIPMENT:

PI Meter	(Y)	N
Explosive Gas	(Y)	N
Avail. Oxygen	(Y)	N
OVA	Y	N

Other B&K 1302 MULTIGAS MONITOR

Photographs, Roll NO

Exposure NO

HEALTH AND SAFETY

Protection Level B
Initial PI 0. ppm
Initial LEL 1 %
Initial O_2 20.8 %

Logged by D Wilkie

Checked by B Butler

SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

SITE ENRX STRUCTURE TYPE O/W Separator
STRUCTURE ID ENCD101 DATE 10-4-94 TIME 1030 END 1110

LIQUID DATA:

Liquid Depth 6' ft. from top of tank Sample ID None Collected
Temperature 21.2 Degrees C. Sample Observations
pH 7.48 Units [ ] Odor
Specific Conductivity 300 ~~umhos/cm~~ mS/cm [ ] Color Clear
[ ] Layered orange floating scum (≈.3-.4' thick)
[ ]

PI Meter (~~Headspace~~) 25.3 ppm air between lid & water
Field GC Screening ( ) Yes (X) No

Equipment Used for Collection None

Decontamination Fluids Used N/A

SLUDGE/SEDIMENT DATA:

Depth to Sediment 6.1 ft. from top of tank Sample ID ENCD101XXX94XX
Depth to Structure Bottom _____ ft. from _____

Type of Sample Collected [X] Discrete
[ ] Composite

Sample Observations
[ ] Odor
[ ] Color gray-black
[ ]
[ ]

PI Meter (Headspace) 30 ppm
Field GC Screening ( ) Yes (X) No

Equipment Used for Collection Bucket Auger

Decontamination Fluids Used Water/Liquinox, DI Water

ANALYTICAL PARAMETERS:

	LIQUID	SEDIMENT		LIQUID	SEDIMENT
[✓] TCL VOC	[ ]	[✓]	[ ] TCLP	[ ]	[ ]
[✓] TCL SVOC	[ ]	[✓]	[✓] TCL PEST/PCBs	[ ]	[✓]
[ ] TPH	[ ]	[ ]	[✓] EPTOX Metals	[ ]	[✓]
[✓] TAL METALS	[ ]	[✓]	[X] Ign./React/Corr.	[ ]	[✓]

SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

SITE ENRX STRUCTURE TYPE O/W Separator
STRUCTURE ID ENCD101 DATE 10/4/94 TIME 1030 END 1110

COMMENTS: EVERY TIME SAMPLE WAS PULLED OUT, PID READ 25-30 ppm.

HEALTH AND SAFETY MONITORING NOTES: LEL/O2 remained @ background. All sampling performed @ Level B PPE.

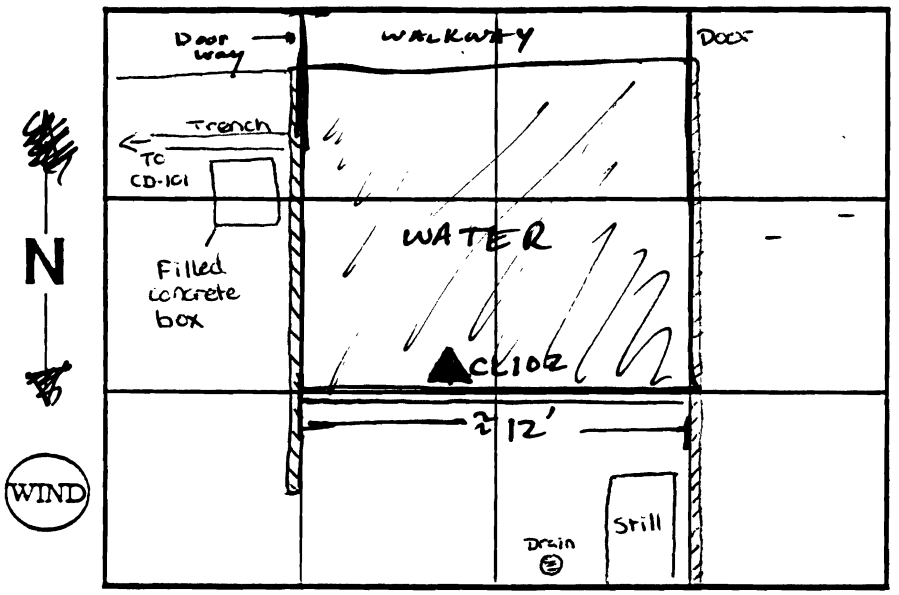
SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

SITE ENRY STRUCTURE TYPE Collection Pool

STRUCTURE ID ENCL102 DATE 10/4/94 TIME 1145 END 1220

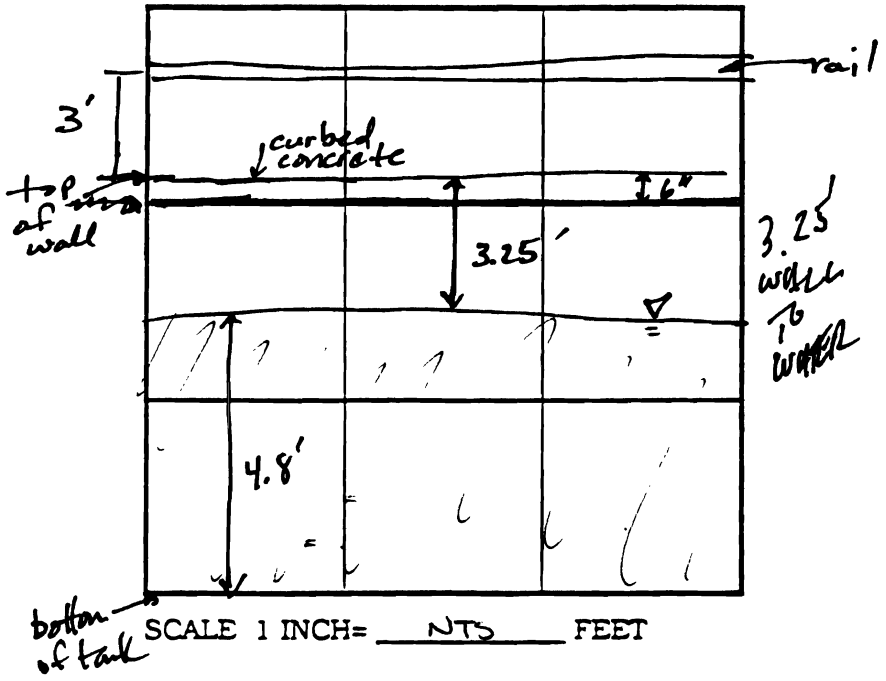
COORDINATES

PLAN VIEW OF STRUCTURE SITE W/ DIMENSIONS



SCALE 1 INCH= NTS FEET

CROSS SECTION OF STRUCTURE



SCALE 1 INCH= NTS FEET

CREW MEMBERS:

1. D. LOVEJOY
2. C. TALBOT
3. D. WILKIE
4. B. BUTLER
5.
6.

MONITORING EQUIPMENT:

PI Meter	(Y)	N
Explosive Gas	(Y)	N
Avail. Oxygen	(Y)	N
OVA	Y	N

Other Brüel and Kjaer 1302 Multigas Monitor

Photographs, Roll N/A

Exposure N/A

HEALTH AND SAFETY

Protection Level B

Initial PI 0 ppm

Initial LEL 1 %

Initial O_2 20.6 %

Logged by D Wilkie

Checked by B Butler

SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

SITE ENRX STRUCTURE TYPE Collection Pool
STRUCTURE ID ENCL102 DATE 10-4-94 TIME 1145 END 1220

LIQUID DATA:

Liquid Depth 4.8' ft. from N. edge concrete
Temperature 18.2 Degrees C.
pH 6.92 Units
Specific Conductivity ~~mS~~ ~~µmhos/cm~~ 4.61 mS/cm

Sample ID ENCL102XXX94XX
Sample Observations
[ ] Odor NO
[ ] Color clear, some turbidity
[ ] Layered NO
[ ] _____
[ ] _____

PI Meter (~~Headspace~~) 0 ppm
Field GC Screening ( ) Yes (X) No

Equipment Used for Collection Pak-bomb sampler w/ teflon cord.

Decontamination Fluids Used Liquinox / Di Water

SLUDGE/SEDIMENT DATA:

Depth to Sediment N/A ft. from N/A Sample ID N/A
Depth to Structure Bottom _____ ft. from _____

Type of Sample Collected [ ] Discrete
[ ] Composite

Sample Observations
[ ] Odor _____
[ ] Color _____
[ ] _____
[ ] _____

PI Meter (Headspace) _____ ppm
Field GC Screening ( ) Yes ( ) No

Equipment Used for Collection N/A

Decontamination Fluids Used N/A

ANALYTICAL PARAMETERS:

	LIQUID	SEDIMENT		LIQUID	SEDIMENT
[✓] TCL VOC	[✓]	[ ]	[ ] TCLP	[ ]	[ ]
[✓] TCL SVOC	[✓]	[ ]	[✓] TCL PEST/PCBs	[✓]	[ ]
[ ] TPH	[ ]	[ ]	[✓] EP TOX Metals	[✓]	[ ]
[✓] TAL METALS	[✓]	[ ]	[✓] Ign./React/Corr.	[✓]	[ ]

SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

SITE ENRX STRUCTURE TYPE Collection Pool

STRUCTURE ID ENCL102 DATE 10-4-94 TIME 1145 END 1220

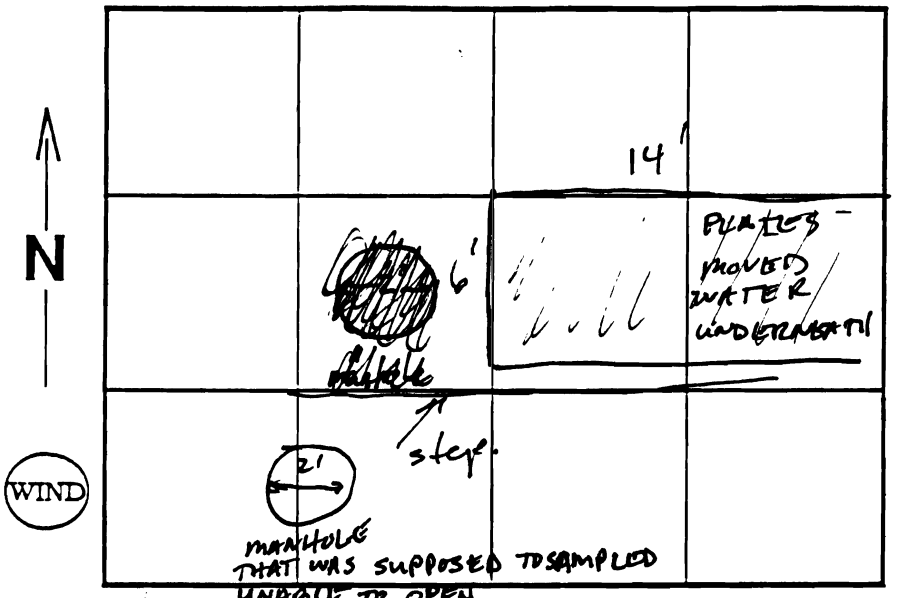
COMMENTS: Sampling performed @ level B

HEALTH AND SAFETY MONITORING NOTES: LEL/O2 remained @ background.

SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

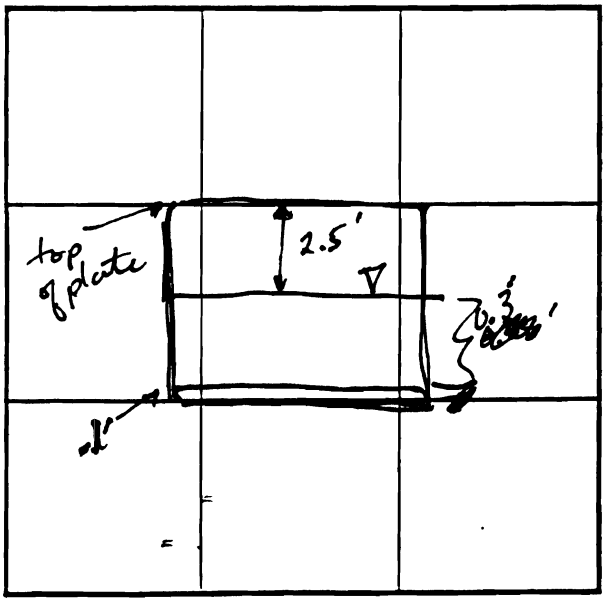
SITE ENRX STRUCTURE TYPE O/W Separator
STRUCTURE ID ENCD103/CU03 DATE 10-4-94 TIME 1230 END 1550
COORDINATES _____

PLAN VIEW OF STRUCTURE SITE W/ DIMENSIONS



SCALE 1 INCH= NTS FEET

CROSS SECTION OF STRUCTURE



SCALE 1 INCH= NTS FEET

CREW MEMBERS:

1. D. Lovejoy
2. C. TALBOT
3. D. WILKIE
4. B. BUTLER.
5.
6.

MONITORING EQUIPMENT:

PI Meter	(Y)	N
Explosive Gas	(Y)	N
Avail. Oxygen	(Y)	N
OVA	Y	N

Other Brüel and Kjaer 1302 Multigas Monitor

Photographs, Roll N/A

Exposure N/A

HEALTH AND SAFETY

Protection Level B
Initial PI 0 ppm
Initial LEL ~ %
Initial O_2 20.6 %

Logged by D. Wilkie

Checked by B Butler

SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

SITE ENRX STRUCTURE TYPE O/W Separator
STRUCTURE ID ENCD103/CU03 DATE 10/4/94 TIME 1230 END 1550

LIQUID DATA:

Liquid Depth ~~0.5~~ 2.5 (BB 10/5/94) ft. from Floor
Temperature N/A Degrees C.
pH N/A Units
Specific Conductivity N/A µmhos/cm

Sample ID ENCL103XXX94XX
Sample Observations
[ ] Odor
[ ] Color
[ ] Layered
[X] clear to rusty
[ ]

PI Meter (Headspace) 0 ppm
Field GC Screening ( ) Yes (X) No

Equipment Used for Collection ~~Liquinox, Di Water~~ (BB 10/5/94) Filled Directly

Decontamination Fluids Used Liquinox, Di Water

SLUDGE/SEDIMENT DATA:

Depth to Sediment ~~2.0~~ 2.8 (BB 10/5/94) ft. from Floor
Depth to Structure Bottom ~~3.0~~ 3.0 (BB 10/5/94) ft. from Floor

Sample ID ENCD103XXX94XX

Type of Sample Collected [X] Discrete
[ ] Composite

Sample Observations
[ ] Odor
[X] Color Brown w/ orange Flecks.
[ ]
[ ]

PI Meter (Headspace) 0 ppm
Field GC Screening ( ) Yes (X) No

Equipment Used for Collection Bucket Auger

Decontamination Fluids Used Liquinox, DI water

ANALYTICAL PARAMETERS:

	LIQUID	SEDIMENT		LIQUID	SEDIMENT
[✓] TCL VOC	[✓]	[✓]	[ ] TCLP	[ ]	[ ]
[✓] TCL SVOC	[✓]	[✓]	[✓] TCL PEST/PCBs	[✓]	[✓]
[ ] TPH	[ ]	[ ]	[✓] EPTOX Metals	[✓]	[✓]
[✓] TAL METALS	[✓]	[✓]	[✓] Ign./react/corr.	[✓]	[✓]

SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

SITE ENRX STRUCTURE TYPE O/W Separator

STRUCTURE ID ENCD103/CL103 DATE 10/4/94 TIME 1230 END 1550

COMMENTS: Sample collected from Pit instead of sewer manhole cover. Could not open manhole for access to original location planned.

HEALTH AND SAFETY MONITORING NOTES: Sample collected @ level B PPE. See B+K 1302 data. Max. VOC compound concentrations in air @ truck bay where samples collected:

1,2-DCE = 2.81 ppm

1,1,1-TCA = ~~0.349 ppm~~ DB 10/14/94 1.0 ppm

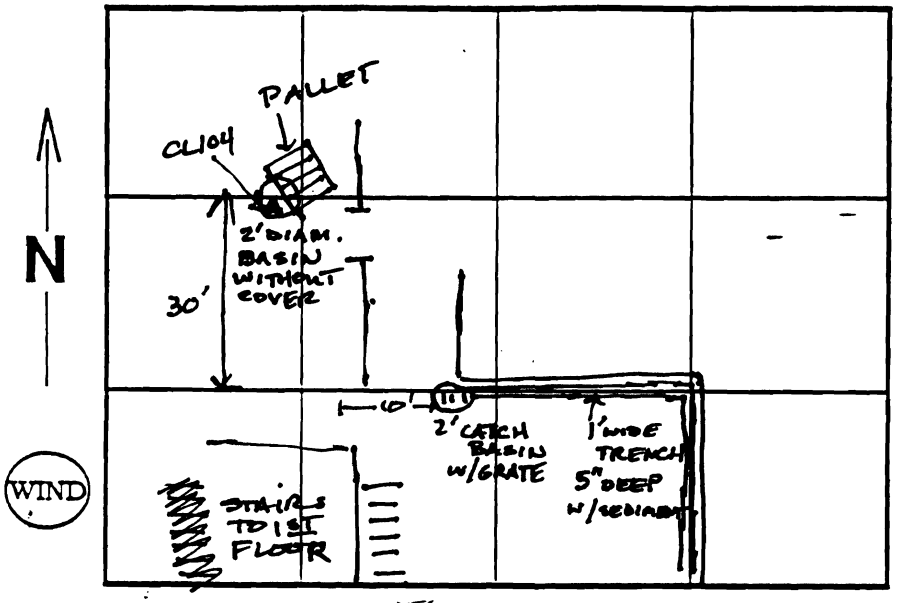
1,1-DCE = 0.642 ppm

CCl_4 = 0.151 ppm

SUMP/DRY WELL/STRUCTURE SAMPLING RECORD

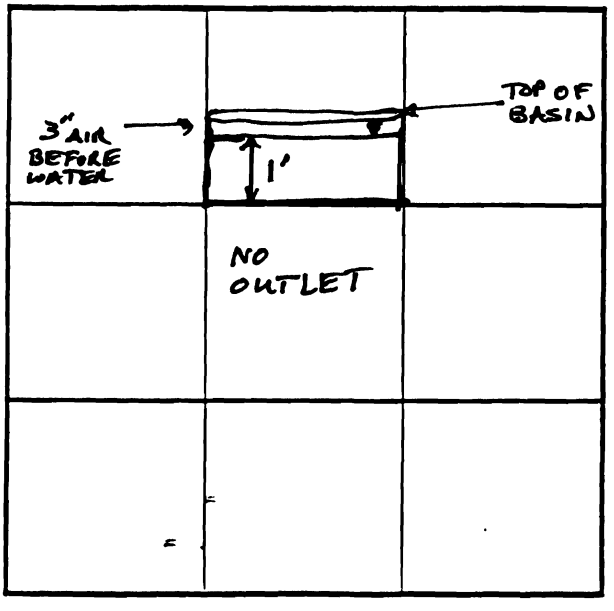
SITE ENRX, INC. STRUCTURE TYPE Catch basin
STRUCTURE ID CL104 DATE 10-5-94 TIME 0955 END 1010
COORDINATES _____

PLAN VIEW OF STRUCTURE SITE W/ DIMENSIONS



SCALE 1 INCH= NTS FEET

CROSS SECTION OF STRUCTURE



SCALE 1 INCH= NTS FEET

CREW MEMBERS:

1. D. LOVEJOY
2. C. TALBOT
3. D. WILKIE
4. B. BUTLER
5.
6.

MONITORING EQUIPMENT:

PI Meter	(Y)	N
Explosive Gas	(Y)	N
Avail. Oxygen	(Y)	N
OVA	Y	N

Other _____

Photographs, Roll _____

Exposure _____

HEALTH AND SAFETY

Protection Level B
Initial PI 765 ppm
Initial LEL 1 %
Initial O_2 20.8 %

WATER; COLOR: GRAY

Logged by D. Wilkie

Checked by BC Butler

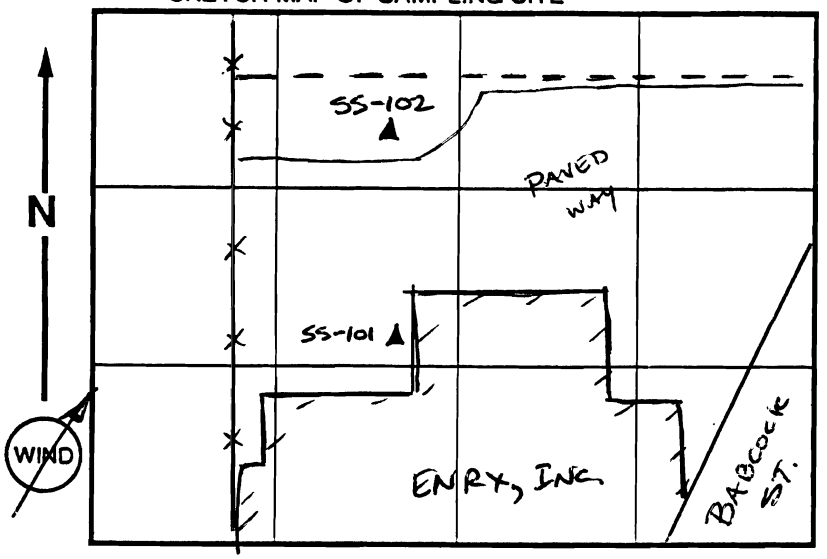
SURFACE SOIL SAMPLING RECORD

Site: ENRY, INC. Project No. 7170-40

Location No. SS-102 Date 10-28-94 Time 10:15 End 10:20

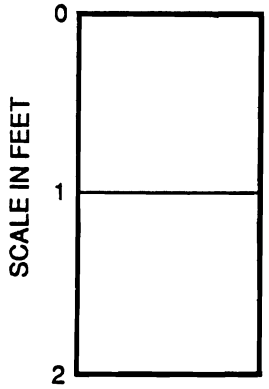
Coordinates _____ AOC ENRY, INC.

SKETCH MAP OF SAMPLING SITE



SCALE 1" = ~ 50 FT.

SAMPLE PROFILE



No.	Sample No.	Depth (ft.)
S-1	ENSS102XXX94XX	0.5-1.0
S-2	ENSS102XXX94XD	0.5-1.0
S-3		

Sampling Equipment: SS. Spoon & Bucket

Decon. Materials: LIQUINOX & POT. WATER, DI WATER

Crew Members:

1. TOM LONGLEY
2. ASHLEY FOSTER
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N

Other _____

Photographs: (Roll Exposure)

SAMPLE DESCRIPTION: BLACK, ORGANIC, FILL - GRAVELLY SAND & SILT FROM GRASSY, UNPAVED AREA

NOTES: Collected Sample, Dup, MS/MSD
3 4-oz. VOA JARS TCL VOA
6 8-oz. SVOA JARS TCL SVOA
" P/PCB
" INORGANICS EP TOX

References: _____

Field Book #: FIELD SAMPLING

Page #: 30

Attachments: _____

Signature: _____

ABB Environmental Services, Inc.

9312030S L 2

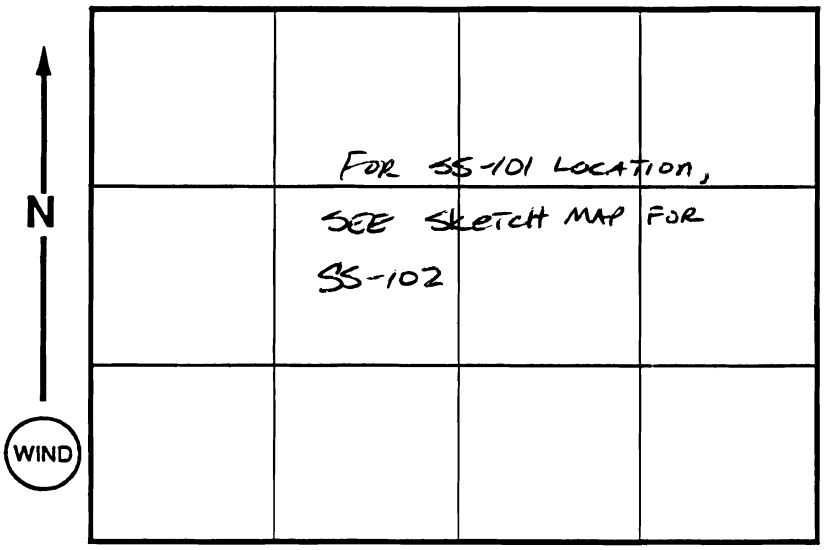
SURFACE SOIL SAMPLING RECORD

Site: ENRX, INC. Project No. 7170-40

Location No. SS-101 Date 10-28-94 Time 10:30 End 10:35

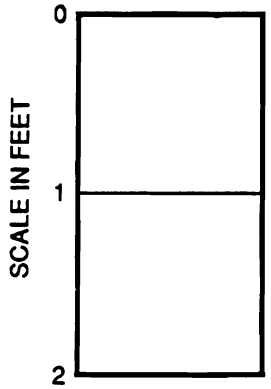
Coordinates _____ AOC ENRX, INC.

SKETCH MAP OF SAMPLING SITE



SCALE 1" = _____ FT.

SAMPLE PROFILE



No.	Sample No.	Depth (ft.)
S-1	ENSS101XXX94XX	0.5-1.0
S-2		
S-3		

Sampling Equipment: S.S. Spoon & Bucket

Decon. Materials: LIQUINOX & POT. Water, DI water

Crew Members:

1. Tom Longley
2. Ashley Foster
3.
4.
5.
6.

Monitor Equipment:

PI Meter	(Y)	N
Explosive Gas	Y	N
Avail. Oxygen	Y	N
OVA	Y	N

Other _____

Photographs: (Roll Exposure)

SAMPLE DESCRIPTION: Black, Dry, Fill

NOTES: ADJACENT TO ENRX BLDG. ON NW-SIDE - MAY CONTAIN Bitumen pieces FROM TAR DRIVEWAY 1- 4oz. VOA JAR 2 - 8oz SVOA JARS

References: _____

Field Book #: FIELD SAMPLING

Page #: 30

Attachments: _____

Signature: John D. Longley

ABB Environmental Services, Inc.

9312030S L 2

SECTION 2.0

BORING LOGS AND MONITORING WELL INSTALLATION DIAGRAMS

Test Boring Log

Project: ENRX, INC.		Boring/Well No.: MW-101	Project No.: 7170-40
Client: NYSDEC	Site: ENRX, INC.		Sheet No.: 1 of 1
Logged By: T. LONGLEY	Ground Elevation:	Start Date: 10-27-94	Finish Date: 10-27-94
Drilling Contractor: A.D.I.	Driller's Name: MARK SEILER		Rig Type: MOBILE ATV
Drilling Method: H.S.A./AIR ROTARY	Protection Level: C DERMAL	P.I.D. (eV): 10.0	Casing Size: 4.25" / Auger Size: I.D.
Soil Drilled: 7.5'	Rock Drilled: 7.5'	Total Depth: 15'	Depth to Groundwater/Date: 6.23' BELOW TOP PVC 10/28/94

Piez ☐ Well ☒ Boring ☐

Depth (Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	Monitoring (ppm) PI Meter Head Space	Lab Tests
1	S-1 2.0/1.4	SPT	12-13-19-12	32		GRAVELLY SAND - FILL - WET AT SURFACE, BRICK PIECES, TAR PIECES OVER TAN GRAVELLY FINE SAND	FILL	0-4' ROUGH THEN EASY FROM 4' TO 7.5'	*4.5	NR	
3	S-2 2.0/0.6	SPT	3-3-3-3	6		BLACK, GRAVELLY, SANDY SILT TO SILTY SAND, BRICK PIECES, MOIST	FILL		Bkg.	NR	
5	S-3 2.0/0.3	SPT	3-2-7-3	9		BROWN, WET FILL, GRAVELLY SANDY SILT - WOOD PIECE (R.R. TIE?)	FILL		Bkg.	NR	
7	S-4 1.5/0.3	SPT	3-6-50/4"	>56		AS ABOVE THEN LAST 0.2' SATURATED BLACK SILTY SAND / SANDY SILT W/ ROCK & WOOD	FILL		Bkg.	NR	ENB3101 XX6944XX
						BEDROCK AT 7.5'	Rock				
9						DRILLED W/ AIR ROTARY USING 3 7/8" ROLLER BIT FROM 7.5 TO 15' USING AUGERS AS CASING.					
11						DRILLED FROM 17:15 → 18:40 W/ AIR ROTARY					
13						APPROX. 12 MIN./FOOT					
						* PID BACKGROUND = 4 ppm					
15						B.O.B. 15'					

ABB Environmental Services

9406046D(z) L33

Test Boring Log

Project	Boring/Well No.	Project No.
ENRX, INC.	MW-102	7170-40

Client	Site	Sheet No.
NYSDEC	ENRX, INC.	1 of 1

Logged By	Ground Elevation	Start Date	Finish Date
T. LONGLEY		10-28-94	10-28-94

Drilling Contractor	Driller's Name	Rig Type
A.D.I.	MARK SEILER	MOBILE ATV.

Drilling Method	Protection Level	P.I.D. (eV)	Casing Size	Auger Size
H.S.A. / AIR ROTARY	C DERMAL	10.0	4.25"	I.D.

Soil Drilled	Rock Drilled	Total Depth	Depth to Groundwater/Date	Piez	Well	Boring
8'	7'	15'	6.1' BELOW TOP PVC 10/31/94	☐	☒	☐

Depth (Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	Monitoring (ppm) PI Meter Head Space	Lab Tests
1	S-1 2.0/1.8	SPT	5-6-7-5	13		BLACK, SOOT-LIKE FILL, GRAVELLY SANDY SILT, BRICKS, COAL, ASH, SLAG, MED. DENSE, DRY TO DAMP	FILL		0	NR	
3	S-2 2.0/1.3	SPT	10-9-14-36	23		AS ABOVE BUT MORE VARIABLE IN COLOR - CINDERS, ASH, BRICK, COAL, MED. DENSE, DRY TO DAMP	FILL		0	NR	
5	S-3 2.0/1.2	SPT	8-5-5-8	10		FILL AS ABOVE TO 0.5' 0.5'-1.2' - GRAY SILT W/ GRAVEL & DEBRIS, STIFF, DRY TO DAMP	FILL		0	NR	
7	S-4 2.0/1.2	SPT	9-15-30-50/4"	45		0-0.7 FILL AS ABOVE 0.7-1.2' BROWN SILT & SAND, WET, EVENLY GRADED	FILL / SM		0	NR	ENBS102 XX6 94 XX
9						BEDROCK AT 8' - DRILLED W/ AIR ROTARY FROM 9:35 TO 10:55 APPROX. 11 MIN./FOOT - DRY ROCK - MUCH DUST, POSSIBLY FEW FRACTURES					
11											
13											
15						B.O.B. 15'					

ABB Environmental Services

9406046D(z) L33

Test Boring Log

Project: ENRX, INC.		Boring/Well No.: MW-103	Project No.: 7170-40
Client: NYSDEC	Site: ENRX, INC.		Sheet No. 1 of 1
Logged By: T. LONGLEY	Ground Elevation:	Start Date: 10-28-94	Finish Date: 10-28-94
Drilling Contractor: A.D.I.	Driller's Name: MARK SEILER		Rig Type: MOBILE ATV
Drilling Method: H.S.A.	Protection Level: C DERMAL	P.I.D. (eV): 10.0	Casing Size: N/A / Auger Size: 4.25" I.D.
Soil Drilled: 8'	Rock Drilled: —	Total Depth: 8'	Depth to Groundwater/Date: 2.64' BELOW PVC. Piez ☐ Well ☒ Boring ☐

Depth (Feet)	Sample No. & Penetration/ Recovery (Feet)	Sample Type	SPT Blows/6" or Core Rec./Rqd. %	SPT-N (Blows/Ft.)	Graphic Log	Sample Description	USCS Group Symbol	Notes on Drilling	Monitoring (ppm) PI Meter Field Scan	Monitoring (ppm) PI Meter Head Space	Lab Tests
1	S-1 2.0/0.8	SPT	30-28-30-13	58		BLACK GRAVELLY SILT, SAND, ~~CINDERS~~ CINDERS, COAL - DRY - BRICKS	FILL		Bkg.	NR	
3	S-2 2.0/0.2	SPT	7-5-3-8	8		STINKS LIKE SEWER - BRICKS - RUBBER TIRES - SATURATED * 9ppm OVER H.S.A.	FILL		Bkg. *	NR	
5	S-3 2.0/0.1	SPT	8-7-5-2	12		BRICK PIECES - V. LITTLE RECOVERY HIT REFUSAL AT 6' - MOVE OVER & DRILL TO 8'	FILL		Bkg	NR	
7	S-4 2.0/0.0	~~SPT~~	1-1-1-1	2		NO RECOVERY - DRILLER SAYS THIS IS BEDROCK WHERE 6' DEPTH WAS NOT	FILL		NR	NR	
						B.O.B. @ 8' BGS NO ANALYTICAL SAMPLES COLLECTED AT THIS BORING LOCATION					

ABB Environmental Services

9406046D(z) L33

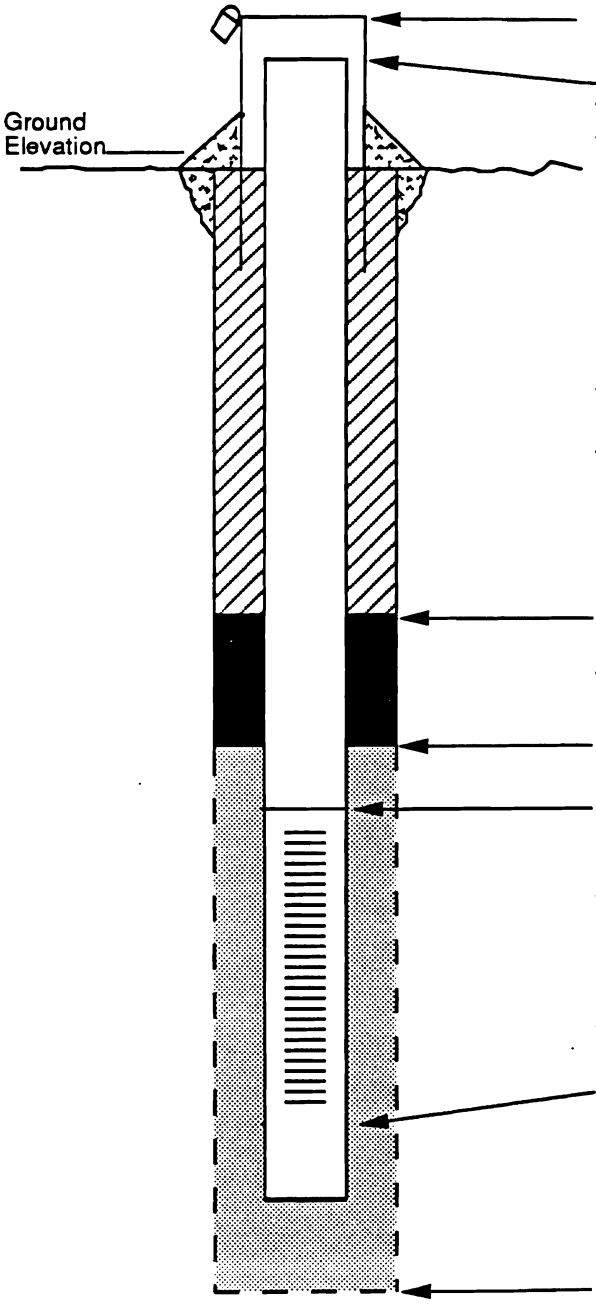
BEDROCK MONITORING WELL CONSTRUCTION DIAGRAM

Project ENRY, INC. Study Area _____ Driller A.D.I.

Project No. 7170-40 Boring No. MW-101 Drilling Method 4.25" HSA ± 3 7/8" AIR ROTARY

Date Installed 10-27-94 Development Method WATERRA

Field Geologist Tom Longley



Elevation of Top of Surface Casing: _____

Stick-up of Casing Above Ground Surface: N/A

Elevation of Top of Riser Pipe: _____

Type of Surface Seal: CONCRETE

Type of Surface Casing: FLUSH-TO-GROUND

ID of Surface Casing: 8"

Diameter of Borehole: ~9" IN SOIL; 3 7/8" in Rock

Riser Pipe ID: 2"

Type of Riser Pipe: PVC

Type of Backfill: N/A

Bedrock Elevation/Depth _____ / 7.5'

Elevation of Top of Seal: _____

Depth of Top of Seal: 1'

Type of Seal: BENT. CHIPS

Elevation of Top of Sand: _____

Depth of Top of Sand: 3'

Elevation of Top of Screen: _____

Depth of Top of Screen: 5'

Type of Screen: PVC

Slot Size x Length: 0.006" X 10'

ID of Screen: 2"

Type of Sandpack: 0.00 SAND

Elevation of Bottom of Screen: _____

Depth of Bottom of Screen: 15'

Depth of Sediment Sump with Plug: _____

Elevation of Bottom of Borehole: _____

Depth of Bottom of Borehole: 15'

FIGURE 4-12
BEDROCK MONITORING WELL CONSTRUCTION DIAGRAM
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

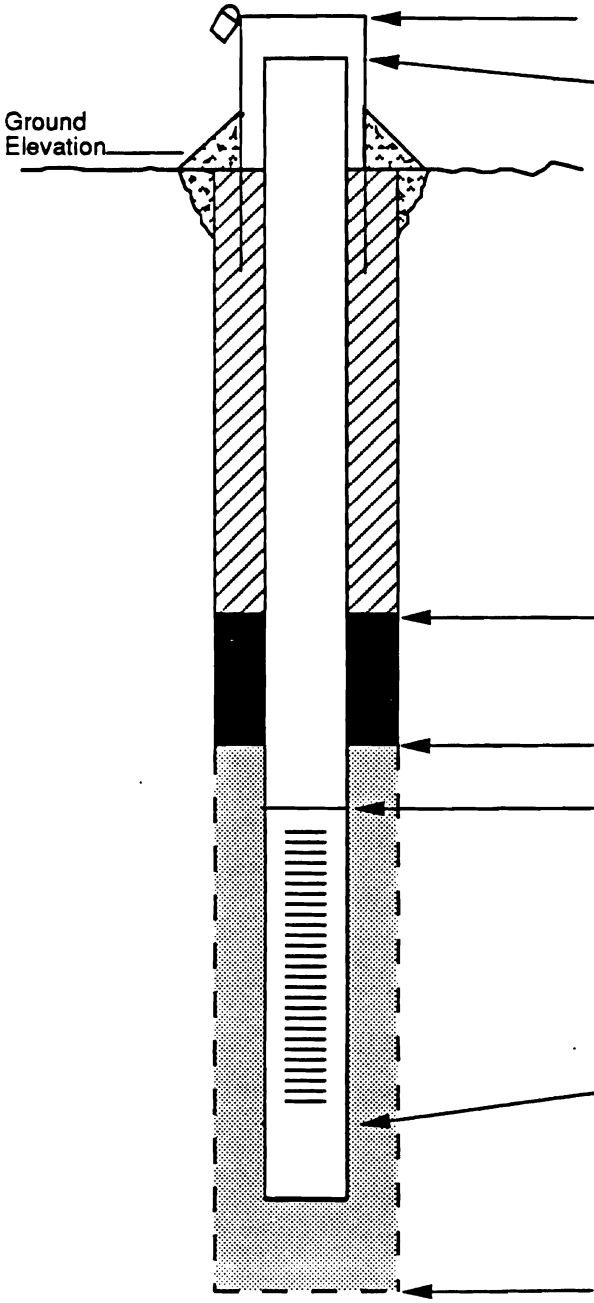
BEDROCK MONITORING WELL CONSTRUCTION DIAGRAM

Project ENRY, INC. Study Area _____ Driller A.D.I.

Project No. 7170-40 Boring No. MW-102 Drilling Method 4.25" H.S.A. / 3 7/8" AIR ROTARY

Date Installed 10-27-94 Development Method WATERRA

Field Geologist Tom Longley



Elevation of Top of Surface Casing: _____

Stick-up of Casing Above Ground Surface: N/A

Elevation of Top of Riser Pipe: _____

Type of Surface Seal: CONCRETE

Type of Surface Casing: FLUSH-TO-GROUND

ID of Surface Casing: 8"

Diameter of Borehole: ~9" IN SOIL; 3 7/8" IN ROCK

Riser Pipe ID: 2"

Type of Riser Pipe: PVC

Type of Backfill: N/A

Bedrock Elevation/Depth 18'

Elevation of Top of Seal: _____

Depth of Top of Seal: 1'

Type of Seal: BENT. CHIPS

Elevation of Top of Sand: _____

Depth of Top of Sand: 3'

Elevation of Top of Screen: _____

Depth of Top of Screen: 5'

Type of Screen: PVC

Slot Size x Length: 0.006" X 10'

ID of Screen: 2"

Type of Sandpack: SILICA 0.0 GRADE

Elevation of Bottom of Screen: _____

Depth of Bottom of Screen: 15'

Depth of Sediment Sump with Plug: _____

Elevation of Bottom of Borehole: _____

Depth of Bottom of Borehole: 15'

FIGURE 4-12
BEDROCK MONITORING WELL CONSTRUCTION DIAGRAM
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

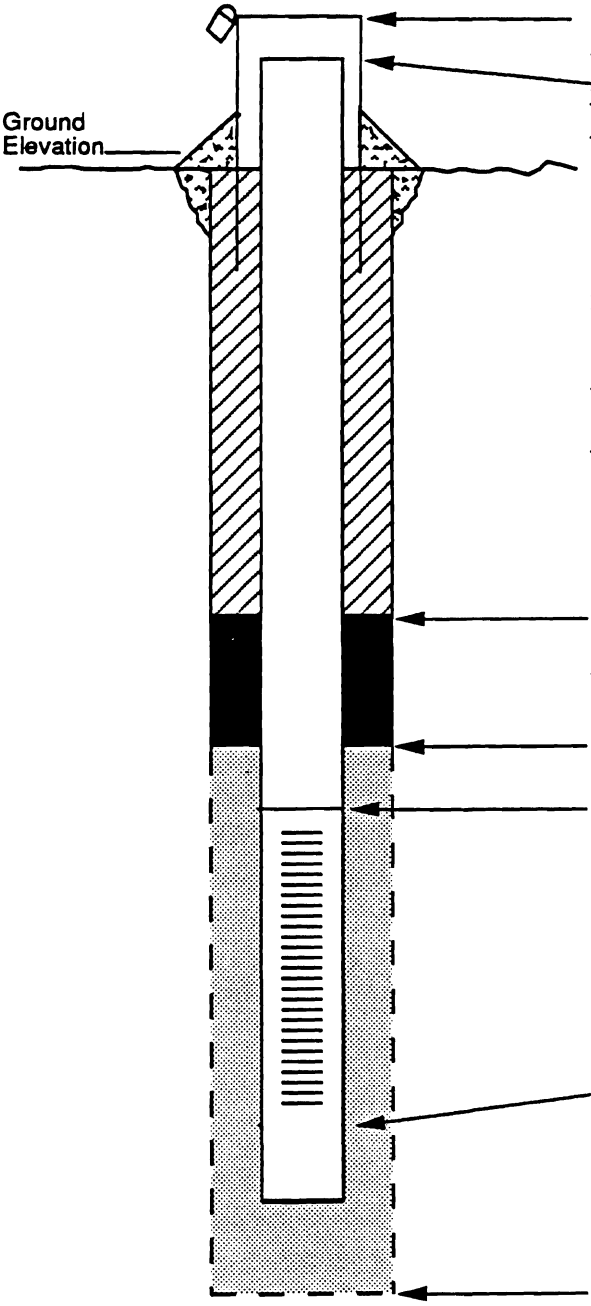
OVERBURDEN MONITORING WELL CONSTRUCTION DIAGRAM

Project ENRY INC. Study Area _____ Driller A.D.I.

Project No. 7170-40 Boring No. MW-103 Drilling Method 4.25" H.S.A.

Date Installed 10-28-94 Development Method CENT. PUMP

Field Geologist Tom Longley



Elevation of Top of Surface Casing: _____

Stick-up of Casing Above Ground Surface: N/A

Elevation of Top of Riser Pipe: _____

Type of Surface Seal: CONCRETE

Type of Surface Casing: FLUSH-TO-GROUND

ID of Surface Casing: 8"

Diameter of Borehole: ~9"

Riser Pipe ID: 2"

Type of Riser Pipe: PVC

Type of Backfill: CONCRETE

Elevation of Top of Seal: _____

Depth of Top of Seal: 1'

Type of Seal: BENT. CHIPS

Elevation of Top of Sand: _____

Depth of Top of Sand: 2'

Elevation of Top of Screen: _____

Depth of Top of Screen: 3.7'

Type of Screen: PVC

Slot Size x Length: 0.006" x 4.8'

ID of Screen: 2"

Type of Sandpack: SILICA SAND 0.0 GRADE

Elevation of Bottom of Screen: _____

Depth of Bottom of Screen: 8.5'

Depth of Sediment Sump with Plug: _____

Elevation of Bottom of Borehole: _____

Depth of Bottom of Borehole: 8.5'

FIGURE 4-11
OVERBURDEN MONITORING WELL CONSTRUCTION DIAGRAM
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

WELL DEVELOPMENT RECORD

Project:	Well Installation Date:		Project No.
ENRY, INC.	10-27-94		7170.40
Client:	**Well Development Date:**	**Logged by:**	**Checked by:**
NYSDEC	10-31-94	TDL	
Well/Site I.D.:	**Weather:**	**Start Date:**	**Finish Date:**
MW-101	RAIN, CALM, 60's	10-31-94	10-31-94
Initial Water Level (ft): 6.4' Below TOP PVC		**Start Time:** 12:22	**Finish Time:** 14:30
Water Level during Initial Pumping/Purging (ft): N/A			
Water Level at Termination of Pumping/Purging (ft): N/A			

TOTAL ~~Gallons~~ Number ~~of Well Volumes~~	TIME	TEMP.	pH	Conductivity	~~Approximate Pumping Rate (gal/min)~~	Turbidity (NTU's)
3.5	1240					
5	1250	~~15.1~~				
5.5	1255	15.1 ~~15.7~~	6.94	1.61	0.07	>999
7	1305	15.2 ~~15.0~~	7.00	1.60	0.08	>999
10	1325	15.0 ~~15.1~~	6.9	1.61	0.07	897
13	1420	15.1	7.0	1.61	0.07	570
16.5	1430	14.8	7.0	1.64	0.07	520

% SALINITY

NOTES:

Developed using Watera Pump & hand-pumped to develope this well.

Considered developed based on stabilization of parameters.

Well Developer's Signature _____

FIGURE 4-13
WELL DEVELOPMENT RECORD
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

WELL DEVELOPMENT RECORD

Project:	Well Installation Date:		Project No.
ENRY, INC.	10-28-94		7170-40
Client:	**Well Development Date:**	**Logged by:**	**Checked by:**
NYSDEC	10-31-94 / 11-1-94	TDL	
Well/Site I.D.:	**Weather:**	**Start Date:**	**Finish Date:**
MW-102	RAIN, CALM, 60's	10-31-94	11-1-94
Initial Water Level (ft):		**Start Time:**	**Finish Time:**
6.1' Below TOP PVC		15:35 10/31	08:10 11/1
Water Level during Initial Pumping/Purging (ft):	N/A		
Water Level at Termination of Pumping/Purging (ft):	N/A		

~~TOTAL~~ Number of ~~Well~~ Volumes (GALLONS)	TIME	TEMP.	pH	Conductivity	~~Approximate Pumping Rate (gal/min)~~ % Salinity	Turbidity (NTU's)
1.5	15:32					
DRY @ 3.0	10/31 16:20	12.2	7.08	2.41	0.11	163
4	11/1 08:00	12.4	7.1	2.22	0.10	445
DRY @ 5	08:10	12.1	7.14	2.27	0.10	480

NOTES:

Consider this well as developed. Used Waterra & hand bailed this well.

Well Developer's Signature _____

FIGURE 4-13
WELL DEVELOPMENT RECORD
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

WELL DEVELOPMENT RECORD

Project:	Well Installation Date:		Project No.
ENRY, INC.	10-28-94		7170-40
Client:	**Well Development Date:**	**Logged by:**	**Checked by:**
NYSDEC	10-31-94	TDL	
Well/Site I.D.:	**Weather:**	**Start Date:**	**Finish Date:**
MW-103	RAIN, CALM, 60's	10-31-94	10-31-94
Initial Water Level (ft): 2.64' Below TOP PVC		**Start Time:** 14:45	**Finish Time:** 15:15
Water Level during Initial Pumping/Purging (ft): N/A			
Water Level at Termination of Pumping/Purging (ft): N/A			

~~Total~~ Number of ~~Well Volumes~~ Gallons	TIME	TEMP.	pH	Conductivity	~~Approximate Pumping Rate (gal/min)~~ % SALINITY	Turbidity (NTU's)
10	14:55					
15	14:58	13.6	7.39	0.98	0.04	>999
20	15:02					
22	15:05	13.5	7.13	1.04	0.04	>999
25	15:06					
30	15:10	13.7	7.19	1.05	0.04	>999
35	15:15	13.3	7.15	1.05	0.04	799

NOTES:

STILL VERY DIRTY AFTER 35 GALS. - Slight sheen on Decon. water.

Used centrifical pump w/ Footvalve / hose assembly inserted into well for development purposes.

Based on stabilization, consider this well developed.

Well Developer's Signature John D. Tyler

FIGURE 4-13
WELL DEVELOPMENT RECORD
NYSDEC QUALITY ASSURANCE PROGRAM PLAN

GROUNDWATER SAMPLE FIELD DATA RECORD

Project: ENRX, INC
Project Number: 7170-40
Site: MW-101
Date: 11/30/94
Time: Start: 0715 End: 0750
Sample Location ID: ENMW101XXX94XX
Signature of Sampler: R-K Butch

Water Level/Well Data

Well Depth 14.5 Ft. — X Measured / ___ Historical
X Top of Well / ___ Top of Protective Casing
Well Riser Stick-up -0.60' Ft. (Flush Mt)
Protective -0.6 Ft. Casing/Well Difference
Protective -0- Ft. Casing

Depth to Water 5.96 Ft. (5.81 on 11/29/94)
Well Material: X PVC / ___ SS
Well Locked?: X Yes / ___ No
Well Dia. X 2 inch / ___ 4 inch / ___ 6 inch
Water Level Equip. Used: X Elect. Cond. Probe / ___ Float Activated / ___ Press. Transducer

Height of Water Column 8.54 Ft. X
X .16 Gal/Ft. (2 in.) / ___ .65 Gal/Ft. (4 in.) / ___ 1.5 Gal/Ft. (6 in.) / ___ Gal/Ft. (__ in.)
= [1.4 Gal/Vol. / 4 Total Gal Purged]

Well Integrity:	Yes	No
Prot. Casing Secure	✓	
Concrete Collar Intact	✓	
Other		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
		Submersible Pump	
	✓	Bailer	
		PVC/Silicon Tubing	
	✓	Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	

Decontamination Fluids Used: (✓ All That Apply at Location)
___ Methanol (100%)
___ 25% Methanol/75% ASTM Type II water
✓ Deionized Water
✓ Liquinox Solution
___ Hexane
___ HNO_3/D.I. Water Solution
___ Potable Water
___ None

Field Analysis Data

PID: Ambient Air 0 ppm Well Mouth 0 ppm
Purge Data Collected ___ In-line / ✓ In Container
Sample Observations: ___ Turbid ✓ Clear ___ Cloudy ___ Colored ___ Odor

Purge Data	@ 2 (11/29/94) Gal.	@ 4 Gal.	@ Purged Dry Gal.	@ ____ Gal.	@ ____ Gal.
Temperature, Deg. C	NA	9.9			
pH, units		8.3			
Specific Conductivity (~~µmhos~~/cm)	mS	1.46			
Turbidity (NTUS)		50			
Oxidation - Reduction, +/- mv		NA			
Dissolved Oxygen, ppm		8.6 No Cond			
Salinity %		0.06			

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Sample Collected	Preservation Method	Volume Required	Sample Bottle ILot Nos.
✓ VOCs	✓	4°C	2x40 ml	
✓ SVOCs	✓	4°C	2x1 liter AG	
✓ Metals	✓	HNO_3, 4°C	1x1 liter P	
✓ Cyanide	✓	NaOH, 4°C	1x500mLP	
___ Nitrate/Sulfate		H_2SO_4, 4°C	1x1 liter P	
___ Nitrate/Phosphate		H_2SO_4, 4°C	1x1 liter P	
✓ Pest/PCB	✓	4°C	3x1 liter AG	
___ TPH		H_2SO_4, 4°C	2x1 liter AG	
___ TOC		H_2SO_4, 4°C	1x1 liter P	

Notes: Visited and Purged MW-101 to dryness on 10/29/94; returned next day, purged to dryness, sampled as well recharged. Collected extra volume for Duplicate (ENMW101XXX94XD) and MS/MSD. DO meter erratic.

ABB Environmental Services

9406046D L22

GROUNDWATER SAMPLE FIELD DATA RECORD

Project: ENRX, INC
Project Number: 7170-40
Site: MW-102
Date: 11/30/94
Time: Start: 0730 End: 0750
Sample Location ID: ENMW102XXX94XX
Signature of Sampler: Rick Butler

Water Level/Well Data

Well Depth 14.8 Ft. — [X] Measured [ ] Historical
[X] Top of Well [ ] Top of Protective Casing [ ] ____
Well Riser Stick-up -0.2 Ft. (from ground) Flush Mount
Protective -0.2 Ft. Casing/Well Difference
Protective 0 Ft. Casing

Depth to Water 5.69 Ft. (5.06' on 11/29/94)
Well Material: [X] PVC [ ] SS [ ] ____
Well Locked?: [X] Yes [ ] No
Well Dia. [X] 2 inch [ ] 4 inch [ ] 6 inch [ ] ____
Water Level Equip. Used: [X] Elect. Cond. Probe [ ] Float Activated [ ] Press. Transducer [ ] ____

Height of Water Column 9.11 Ft. X [ ] .16 Gal/Ft. (2 in.) [ ] .65 Gal/Ft. (4 in.) [ ] 1.5 Gal/Ft. (6 in.) [ ] __ Gal/Ft. (__ in.) = [1.5 Gal/Vol. ____ Total Gal Purged]

Well Integrity:

	Yes	No
Prot. Casing Secure		
Concrete Collar Intact		
Other ____		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
✓	✓	Peristaltic Pump	
		Submersible Pump	
	✓	Bailer	
		PVC/Silicon Tubing	
	✓	Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	

Decontamination Fluids Used: (✓ All That Apply at Location)
[ ] Methanol (100%)
[ ] 25% Methanol/75% ASTM Type II water
[ ] Deionized Water
[ ] Liquinox Solution
[ ] Hexane
[ ] HNO_3/D.I. Water Solution
[ ] Potable Water
[ ] None
[ ] ____
[ ] ____

Field Analysis Data

PID: Ambient Air 0 ppm Well Mouth 0 ppm
Purge Data Collected [ ] In-line [X] In Container
Sample Observations: [ ] Turbid [X] Clear [ ] Cloudy [ ] Colored [ ] Odor

Purge Data	@ 2 Gal.	@ 4 Gal.	@ ____ Gal.	@ ____ Gal.	@ ____ Gal.
Temperature, Deg. C	NA	9.8			
pH, units		8.62			
Specific Conductivity (µmhos/cm)	ins	2.36			
Turbidity (NTUS)		42			
Oxidation - Reduction, +/- mv		N/A			
Dissolved Oxygen, ppm	↓	8.63 - in Good			
Salinity (%)		0.10			

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Sample Collected	Preservation Method	Volume Required	Sample Bottle ILot Nos.
✓ VOCs	✓	4°C	2x40 ml	
✓ SVOCs	✓	4°C	2x1 liter AG	
✓ Metals	✓	HNO_3, 4°C	1x1 liter P	
✓ Cyanide	✓	NaOH, 4°C	1x500mL P	
__ Nitrate/Sulfate		H_2SO_4, 4°C	1x1 liter P	
__ Nitrate/Phosphate		H_2SO_4, 4°C	1x1 liter P	
✓ Pest/PCB	✓	4°C	3x1 liter AG	
__ TPH		H_2SO_4, 4°C	2x1 liter AG	
__ TOC		H_2SO_4, 4°C	1x1 liter P	

Notes: Visited and Purged MW-101 to dryness on 11/29/94, returned next day, purged to dryness, sampled as well recharged.. DC meter readings erratic.

ABB Environmental Services

9406046D L22

GROUNDWATER SAMPLE FIELD DATA RECORD

Project: ENRX, Inc.
Project Number: 7170-40
Site: MW-103
Date: 11/30/94
Time: Start: 0835 End: 1015
Sample Location ID: ENMW103XXX94XX
Signature of Sampler: BK Butch

Water Level/Well Data

Well Depth 8.42 Ft. — X Measured / ___ Historical
X Top of Well / ___ Top of Protective Casing
Well Riser Stick-up -0.53 Ft. (from ground) Flush Mt.
Protective -0.53 Ft. Casing/Well Difference
Protective 0 Ft. Casing

Depth to Water 2.35 Ft.
Well Material: X PVC / ___ SS / ___
Well Locked?: X Yes / ___ No
Well Dia.: X 2 inch / ___ 4 inch / ___ 6 inch / ___
Water Level Equip. Used: X Elect. Cond. Probe / ___ Float Activated / ___ Press. Transducer / ___

Height of Water Column 6.07 Ft. X
X .16 Gal/Ft. (2 in.) / ___ .65 Gal/Ft. (4 in.) / ___ 1.5 Gal/Ft. (6 in.) / ___ Gal/Ft. (___ in.)
= 1.0 Gal/Vol. / 4.0 Total Gal Purged

Well Integrity:

	Yes	No
Prot. Casing Secure	✓	
Concrete Collar Intact	✓	
Other		

Equipment Documentation

Purging/Sampling Equipment Used:

(✓ If Used For) Purging	Sampling		Equipment ID
	✓	Peristaltic Pump	
		Submersible Pump	
	✓	Bailer	
✓ (11/30/94)		PVC/Silicon Tubing	
✓	✓	Teflon/Silicon Tubing	
		Airlift	
		Hand Pump	
	✓	In-line Filter	
		Press/Vac Filter	

Decontamination Fluids Used: (✓ All That Apply at Location)

- ___ Methanol (100%)
- ___ 25% Methanol/75% ASTM Type II water
- ✓ Deionized Water
- ✓ Liquinox Solution
- ___ Hexane
- ___ HNO_3/D.I. Water Solution
- ___ Potable Water
- ___ None

Field Analysis Data

PID: Ambient Air 0 ppm Well Mouth 0 ppm
Purge Data Collected: ___ In-line / X In Container
Sample Observations: ___ Turbid / X Clear / ___ Cloudy / X Colored / ___ Odor

Purge Data	@ 1.0 Gal.	@ 2.0 Gal.	@ 3.0 Gal.	@ 4.0 Gal.	@ ___ Gal.
Temperature, Deg. C	8.9	8.6	9.3	9.3	
pH, units	7.9	7.8	7.7	7.7	
Specific Conductivity (mS/cm)	2.22	1.51	1.35	1.3	
Turbidity (NTUS)	23	6	4	2	
Oxidation - Reduction, +/- mv	~~-92.76 mV~~	NA	NA	NA	
Dissolved Oxygen, ppm	2.76	0.95	0.7	0.5	
Salinity	0.10	~~0.06~~ 0.06	0.06	0.05	

(Bottle #4)

Sample Collection Requirements (✓ If Required at this Location)

Analytical Parameter	✓ If Sample Collected	Preservation Method	Volume Required	Sample Bottle ILot Nos.
✓ VOCs	✓	4°C	2x40 ml	
✓ SVOCs	✓	4°C	2x1 liter AG	
✓ Metals	✓	HNO_3,4°C	1x1 liter P	
✓ Cyanide	✓	NaOH,4°C	1x500mLP	
___ Nitrate/Sulfate		H_2SO_4,4°C	1x1 liter P	
___ Nitrate/Phosphate		H_2SO_4,4°C	1x1 liter P	
✓ Pest/PCB	✓	4°C	3x1 liter AG	
___ TPH		H_2SO_4,4°C	2x1 liter AG	
___ TOC		H_2SO_4,4°C	1x1 liter P	

Notes: Water color initially black during purging - changed to clear to NO color.

ABB Environmental Services

9406046D L22

SECTION 3.0

ANALYTICAL DATA TABLES

ASEA BROWN BOVERI

ABB Environmental Services
Data Usability Report
ENRX, Inc., 7170-40
2/15/95

Introduction

This memo summarizes the usability of the analytical results generated for the ENRX, Inc. Site. Laboratory analyses were performed in accordance with the New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP), and the data were validated using the criteria specified by U.S. Environmental Protection Agency (USEPA) Region II, modified to include NYSDEC requirements. A detailed evaluation of the laboratory quality control results (QC) is provided in the Data Validation Report.

Usability is based on validated sample results. Rejected results ("R" qualifier) represent unusable data since the analyte presence or absence is uncertain. In general, sample results with qualifiers other than "R" are considered usable. Laboratory data from the ENRX, Inc. Site will be used to determine whether hazardous wastes have been disposed at the site and to evaluate the potential threat to human health and the environment.

The data validation summary attached indicates which laboratory results are considered non-compliant when compared to the ASP requirements. However, the majority of these non-compliant results represent minor quality control problems and do not affect data usability. The cases where quality control problems affected usability and/or resulted in the rejection of data are discussed in the following sections. In most cases these problems are typical analytical difficulties or are the result of sample matrix problems.

Volatile Organics

The volatile organic compounds (VOCs) analyses were acceptable and may be considered suitable for their intended use. Methylene chloride and acetone, common laboratory contaminants, were detected in the laboratory method blank and the equipment blank. All sample results less than the action level (i.e., 10 times the blank concentration for common contaminants, 5 times for other contaminants) were reported as non-detect. Some calibration problems (continuing calibration percent differences outside acceptance limits) were observed, which represent typical laboratory performance. The affected compounds were qualified as estimated, and this minor deficiency does not affect usability. In sample ENWT105XXX94XX, positive results for trichloroethene, tetrachloroethene, acetone, carbon disulfide, 2-butanone, toluene and methylene chloride were qualified as estimated due to system monitoring compound recoveries above the acceptance range, indicating a potential high bias. 1,1-Dichloroethene; trichloroethene; and chlorobenzene did not meet RPD criteria in the MS/MSD performed on sample ENSS102XXX94XX and its duplicate. Positive and non detected results for 1,1-dichloroethene; trichloroethene; and chlorobenzene were qualified as estimated. 1,1-Dichloroethene did not meet RPD criteria in the MS/MSD performed on sample ENMW101XXX94XX and its duplicate. Positive and non detected

results for 1,1 Dichloroethene were qualified as estimated. Benzene and toluene did not meet RPD criteria in the MS/MSD performed on sample ENCD103XXX94XX and its duplicate. Positive and non detected results for benzene and toluene were qualified as estimated. These represent typical quality control problems and do not affect the useability of this data.

Positive results for vinyl chloride, acetone, trichloroethene, tetrachloroethene, toluene, ethyl benzene, and total xylenes in sample ENCL102XXX94XX and its field duplicate were qualified as estimated due to RPD criteria not being met. Positive results for 1,1,1 trichloroethane, trichloroethene, tetrachloroethane, and total xylenes for sample ENWT101XXX94XX and its field duplicate were qualified as estimated due to RPD criteria being out of control limits. Positive results for acetone and 4-methyl-2-pentanone for sample ENMW101XXX94XX and its field duplicate were qualified as estimated due to RPD criteria being out of control limits, indicating a lab precision problem. However, this does not affect the useability of this data. The internal standard area in samples ENWT103XXX94XX, ENWT104XXX94XX, ENWT105XXX94XX and ENWT106XXX94XX was out of control limits and positive and non detected results for 2-hexanone; 4-methyl-2-pentanone; tetrachloroethene; 1,1,2,2-tetrachloroethane; toluene; chlorobenzene; ethylbenzene; styrene; and total xylene were qualified as estimated. 1,4-Difluorobenzene was below acceptance criteria for sample ENWT103XXX94XX. Positive and non detected results for 1,1,1-trichloroethane; carbon tetrachloride; bromodichloromethane; 1,2-dichloropropane; trans-1,3 dichloropropene; trichloroethene; dibromochloromethane; 1,1,2-trichloroethane; benzene; cis-1,3-dichloropropene; and bromoform were qualified as estimated . This does not affect the useability of this data.

Semivolatile Organics

The semivolatile organic compounds (SVOCs) analyses provided acceptable results, and the values may be used as presented. Bis(2-ethylhexyl)phthalate, a common laboratory contaminant, was detected in the laboratory method blank. All sample results less than the action level (i.e., 10 times the blank concentration for common contaminants, 5 times for other contaminants) were reported as non-detect. Some calibration problems (continuing calibration percent differences outside acceptance limits) were observed, which represent typical laboratory performance. However, non detected results for hexachlorocyclopentadiene and 2,4-dinitrophenol were rejected due to percent difference and RRF criteria not being met. The rejected results should not be used to determine the absence of these compounds in the affected samples. Recovery was less than 10% for all compounds in the MS/MSD performed on sample ENWT101XXX94XX and its duplicate. Positive results were qualified as estimated and non detected results were rejected. Recovery was less than 10% for pentachlorophenol in the MS/MSD performed on sample ENSS102XXX94XX and its duplicate. Positive results for pentachlorophenol were qualified as estimated and non detected results were rejected. The rejected results should not be used to determine the absence of these compounds in the affected samples.

Some precision problems (Field duplicate RPD out of acceptance limits) were observed. The affected compounds were qualified as estimated, and this minor deficiency does not affect usability. Samples ENCD101XXX94XX and ENWT102XXX94XX were qualified as

estimated because of their low total solids content. This qualification does not affect the usability of these semivolatile data. A low relative response factor was observed in the calibration for perylene associated with samples ENCL104XXX94XX and ENCL103XXX94XX. Positive and non detected results were qualified as estimated for associated compounds.

Pesticides/PCBs

The pesticides/PCBs results are acceptable and may be used as presented. Samples ENCD101XXX94XX and ENWT102XXX94XX were qualified as estimated because of their low total solids content. Results for endrin aldehyde, Alpha-BHC, delta-BHC, gamma-BHC, gamma chlordane, and 4,4'-DDT were qualified as estimated because standard linearity criteria were not met, but usability of these data is not affected. Several samples exhibited surrogate recoveries below the acceptance limits, indicating a potential low bias, and the results were qualified as estimated. These low recoveries may be attributable to matrix problems and do not affect the usability of the results. However, recovery was 0% for one surrogate resulting in the rejection of non detected results in samples ENSS101XXX94XX, ENCD101XXX94XX, ENCD103XXX94XX, ENWT102XXX94XX, ENWT104XXX94XX, and ENWT105XXX94XX. The rejected data should not be used to determine the absence of these compounds in the affected samples.

Due to blank contamination, methoxychlor was qualified as non detected in associated samples where the results were below the calculated blank action level. Sample ENWT101XXX94XX was extracted 14 days beyond acceptance limits for holding times. All results for the sample were qualified as estimated. All matrix spike compounds exceeded percent recovery and RPD criteria for sample ENCL102XXX94XX and its duplicate. Positive and non detected results for gamma-BHC, heptachlor, aldrin, dieldrin, endrin, and 4,4'-DDT were qualified as estimated, indicating a potential high bias. In the MS/MSD performed on sample ENWT101XXX94XX and its duplicate, all compounds were outside percent recovery criteria. Positive results were qualified as estimated and non detected results were rejected for gamma BHC, heptachlor, aldrin, dieldrin, and 4,4'-DDT. The rejected results should not be used to determine the absence of these compounds in the affected samples. In the MS/MSD performed on sample ENWT101XXX94XX and its duplicate, aldrin, endrin and 4,4'-DDT did not meet RPD criteria. Positive and non detected results for these compounds were qualified as estimated. In the MS/MSD performed on sample ENSS102XXX94XX and its duplicate, heptachlor and dieldrin were above RPD criteria. Positive and non detected results for these compounds were qualified as estimated in this sample and its duplicate. This does not affect the useability of this data. Some precision problems (field duplicate RPD out of acceptance criteria) were observed. The affected samples were qualified as estimated. This does not affect the useability of this data. Due to percent difference criteria being out of the acceptance range, alpha chlordane was qualified as estimated for samples ENWT104XXX94XX and ENWT105XXX94XX. Gamma-BHC was rejected for samples ENCD101XXX94XX, ENWT101XXX94XX, and ENWT103XXX94XX. Heptachlor epoxide was rejected for sample ENWT101XXX94XX. 4,4'-DDT was rejected for samples ENCD103XXX94XX, ENWT103XXX94XX, ENWT104XXX94XX, ENSS102XXX94XD, ENTW105XXX94XX, and

ENWT101XXX94XX. Endrin aldehyde was rejected for samples ENCL102XXX94XX, ENWT101XXX94XX, and ENWT101XXX94XD. Gamma chlordane was rejected in sample ENWT101XXX94XX. Alpha-BHC was rejected for sample ENWT101XXX94XX. Aldrin was rejected in samples ENWT101XXX94XX and ENWT102XXX94XX. Endosulfan I was rejected for samples ENWT101XXX94XX, ENWT101XXX94XD, and ENWT104XXX94XX. Heptachlor was rejected for sample ENWT101XXX94XD. Dieldrin was rejected for sample ENWT103XXX94XX DL. Beta-BHC was rejected for sample ENWT106XXX94XX. Endosulfan II was rejected for samples ENSS101XXX94XX and ENSS102XXX94XD. The rejected results should not be used to determine the absence of these compounds in the affected samples. Additional compounds were also out of acceptance criteria resulting in the estimation of their results in associated samples. This does not affect the useability of this data.

Inorganics

The majority of the inorganics analyses are acceptable and may be used as presented. Spike recoveries for silver, cadmium, antimony, and chromium were below acceptance limits and recoveries for lead were above acceptance limits, indicating an accuracy problem. The associated results were qualified as estimated. These low recoveries may be attributable to matrix and/or laboratory problems and do not affect the usability of the results. Lead contamination above the acceptance criterion was observed in an equipment blank. Positive lead results below the action level were rejected in associated samples. Results should not be used to determine the absence of lead in site samples. Percent recovery was less than 30% for selenium in the aqueous matrix spike analysis. Results were rejected for all associated samples. The rejected results should not be used to determine the absence of selenium in these samples. Percent recovery for lead in the matrix spike was over 200% and lead results were rejected in associated samples. This should not be used to determine the absence of lead in associated samples. Percent recoveries outside of acceptance criteria were observed in other samples resulting in the estimation of their results. This represents typical laboratory performance and does not affect data useability. Duplicate injection readings for selenium and thallium were below acceptance criteria for percent recovery and results for selenium and thallium were qualified as estimated in associated samples. Potassium, cadmium, and silver did not meet %D criteria for serial dilution. All results for potassium, cadmium and silver greater than 10 times the IDL were qualified as estimated in associated samples. This does not affect data useability. Due to low solids content, positive and non detected results for samples ENCD101XXX94XX and ENWT102XXX94XX were qualified as estimated. Some precision problems were observed with field duplicates not meeting RPD criteria. Positive and non detected results were qualified as estimated in associated samples.

EP Toxicity/ Hazardous waste characteristics

Cadmium and chromium were observed in the preparation blank as negative values. Positive and non detected results less than 10 times the IDL were qualified as estimated. Percent recovery for the MS/MSD performed on barium was 150%. Positive barium results were rejected in associated samples. The rejected results should not be used to determine the

absence of barium in associated samples. Laboratory duplicate analysis was not performed on some samples and the results of these were qualified as estimated. This does not affect the useability of the data. Field duplicate criteria were not met for chromium in sample ENSS102XXX94XX and its field duplicate. Positive and non detected results for chromium were qualified as estimated in these samples. Field duplicate criteria were not met for lead in sample ENWT101XXX94XX and its duplicate. Positive and non detected results for lead were qualified as estimated in these samples.

Tentatively Identified Compounds (TICs)

The ASP analytical procedures for volatile and semivolatile organics may also detect the presence of additional compounds which are not included on the Target Compound List. The mass spectra of these non-target compounds (up to 10 VOCs and 20 SVOCs) are compared to library spectra using a computerized search routine, and the best matches are evaluated by the laboratory. If a good library match can not be made the compound is reported as "unknown". The concentrations are estimated by comparing the compound's response to the that of the closest internal standard.

Corrosivity, ignitability, reactive cyanide, reactive sulfide

All quality control criteria were met for these parameters. The results represent typical laboratory performance.

Data Quality Objectives (DQOs)

DQOs are based on the premise that different data uses require different levels of data quality. Data quality refers to the degree of uncertainty of analytical data with respect to precision, accuracy, representativeness, completeness, and comparability (PARCC). These objectives are established based on site conditions, the purpose of the field program, and the knowledge of the measurement systems used for generation of the analytical data.

No major quality control problems were observed during the data validation process which would affect the usability of the sample results. A discussion of the laboratory data quality as it relates to the PARCC objectives is presented below.

Precision and Accuracy

Precision refers to the reproducibility of a measurement under certain specified conditions, and accuracy measures the bias associated with the sampling and analysis process. Precision and accuracy are affected by both field and laboratory conditions. Precision was monitored through the analysis of field and laboratory duplicate samples; accuracy was measured through the analysis of field and laboratory blanks, matrix spikes, and surrogate spikes. The ASP protocols used for the analysis of samples define the criteria for acceptable precision and accuracy. No major precision and accuracy problems were observed which would affect usability. Some matrix spike recoveries (listed previously) were outside of acceptance criteria, indicating a potential accuracy problem. In general, these deficiencies are considered minor and do not affect useability.

Several target analytes were reported at concentrations less than the CRQL (and were qualified as estimated, "J"). Uncertainty exists for the quantitation of concentrations less than the CRQL. While these results provide information on the presence of contamination, these values should be qualified for use in decisions. In some cases precision between the two columns used for pesticides/PCBs analyses was outside the acceptance limit, and the results were qualified with a "P" by the laboratory. While these concentrations should be considered as estimated, they provide an indication of contamination and are suitable for use.

Representativeness

Measurements are made so that the results obtained are representative of the sampling population, the medium (e.g. soil and groundwater), and the site conditions. The sampling protocols were developed to ensure that the samples were representative of the media, that sampling locations were properly selected, and that a sufficient number of samples were collected. Sample handling protocols (chain-of-custody, storage, and transportation) were adequate to preserve the sample integrity. Proper documentation established that the correct protocols had been followed. Co-located samples (field duplicates) were also collected to assess representativeness, and no major problems were observed which would affect usability.

Completeness

The characteristic of completeness is defined as the percent of valid data obtained as compared to what would be expected under normal conditions. The USEPA has found that CLP protocols typically generate data that is 80% complete. Because sampling activities are often influenced by field conditions the ENRX,Inc. Site Work Plan provided estimates of the number of samples to be collected during the field program. There were no significant deviations from the proposed field program. Corrosivity, ignitabilty, reactive cyanide, reactive sulfide, and volatile organic analyses were found to be 100% complete. Semivolatile organic and inorganic analyses were found to be 99% complete. Pesticide analyses were 96% complete and EP toxicity analyses were found to be 93% complete.

Comparability

The characteristic of comparability reflects both the internal consistency of measurements and the expression of results in units which are consistent with other organizations reporting similar data. Each value reported for a given measurement should be similar to other values within the same data set and with other related data sets. Comparability was assured through the use of standardized sampling procedures and ASP analytical methods.

ASEA BROWN BOVERI

ABB Environmental Services
Data Validation Report
ENRX, Inc., 7170-40
February 15, 1995

I. INTRODUCTION

This report summarizes the data validation results for the data packages generated by Nytest Environmental Inc. concerning the water and soil samples collected from October 4 to November 30, 1994. Review was performed in accordance with the U.S. Environmental Protection Agency (USEPA) *National Functional Guidelines for Organic Data Review (June 1991)* and *Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses (October 1989)*, along with the appropriate USEPA Region II and New York State Department of Environmental Conservation (NYSDEC) revisions. The data tables referred to in this memo consist of the following:

Table 1: Laboratory Report of Analysis
Table 2: Validation / Summary Table

Table 1 presents the analytical results as reported by the laboratory. Table 2 presents the validated results with the appropriate data qualifiers. The laboratory qualifiers used on Table 1 are defined in Attachment I; data validation qualifiers used on Table 2 are defined in Attachment II. For all organics analyses, compound results below the contract required quantitation limit (CRQL) were flagged with a J by the laboratory on Table 1. These results were considered estimated and flagged J on Table 2. Compound results greater than the calibration range were flagged with an E by the laboratory and on Table 1. Samples containing these compounds were diluted and reanalyzed, and the diluted results flagged with a D by the laboratory and on Table 1. On Table 2, the diluted results for all compounds beyond calibration range were inserted into the original results and the remainder of the diluted analysis deleted from Table 2. Pesticides/PCBs that had greater than 25% difference between the two analytical columns were flagged with a P by the laboratory. Pesticides/PCBs that had greater than 25% but less than 50% difference between the two analytical columns were considered estimated and were flagged J on Table 2. When the difference between the two analytical columns was greater than 50% but less than 90% the pesticide/PCB compound was considered tentatively identified, and the associated result represents an estimated concentration (JN). If the difference between the two analytical columns was greater than 90% the pesticide/PCB result was rejected (R). For all inorganic analyses, analyte results below the contract required detection limit (CRDL) were flagged with a B by the laboratory on Table 1. These results were considered estimated and were flagged with a J on Table 2.

The samples were analyzed using the following methods:

- Target Compound List (TCL) Volatile Organic Compounds (VOCs) - NYSDEC Analytical Services Protocol (ASP) 91-1
- TCL Semivolatile Organic Compounds (SVOCs) - NYSDEC ASP 91-2
- TCL Pesticides/PCBs - NYSDEC ASP 91-3
- TCL Inorganics - NYSDEC ASP Contract Laboratory Program Superfund Methods
- EP Toxicity metal, ignitability, corrosivity, and reactivity, USEPA SW-846

This narrative presents a summary of the laboratory quality control (QC) deficiencies and the resulting qualification of the data.

II. VOLATILE ORGANIC COMPOUNDS

A. Holding Times

Holding times are evaluated to address the validity of the results based on the elapsed time from Validated Time of Sample Receipt (VTSR) to analysis. All samples were analyzed within the required 7 day holding time.

B. Gas Chromatograph/Mass Spectrometer (GC/MS) Instrument Performance Check

Bromofluorobenzene (BFB) is analyzed every 12 hours to verify the instrument's mass resolution, identification, and sensitivity. All BFB ion abundance criteria were met.

C. GC/MS Initial and Continuing Calibration

Initial calibration demonstrates instrument linearity and ensures that the instrument can produce acceptable qualitative and quantitative results. The initial calibration relative standard deviation (RSD) must be less than 30%, and the relative response factor (RRF) must be greater than 0.05. Continuing calibration checks are performed every 12-hours to demonstrate that the instrument can produce acceptable qualitative and quantitative results as established by the initial calibration. The continuing calibration percent difference (%D) must be less than 25%, and the RRF must be greater than 0.05. Chloromethane, methylene chloride, acetone, 2-butanone, and 2-hexanone did not meet RSD criteria for initial calibration standards. Methylene chloride, acetone and 2-butanone positive results were qualified as estimated for associated samples. No action was required for chloromethane or 2-hexanone. Chloroethane, acetone, and 2-hexanone did not meet percent difference criteria for continuing calibration standards. Positive acetone results were estimated in the associated samples. No action was required for chloroethane or 2-hexanone.

D. Blanks

Laboratory (method) and field (trip/equipment) blanks are analyzed to determine the presence and magnitude of contamination resulting from field or laboratory activities. Action levels are

calculated at 5 times the concentration in the associated blank (10 times for methylene chloride, acetone, and 2-butanone). Sample results below this action level are considered attributable to blank contamination; results greater than this level are considered to be acceptable. Due to trip, equipment, field, or laboratory method blank contamination, methylene chloride, acetone, and toluene were qualified as non-detect in associated samples where the results were below the calculated blank action level.

E. System Monitoring Compounds Recoveries

System monitoring compounds are added to all samples and blanks prior to analyses to assess recovery (accuracy). Action is taken if any system monitoring compound recoveries are outside the acceptance range, or if any one recovery is less than 10%. System monitoring compound recoveries for ENWT105XXX94XX were above the method acceptance range, indicating a potential high bias. The positive results (i.e., trichloroethene, tetrachloroethene, acetone, carbon disulfide, 2-butanone, toluene and methylene chloride) for this sample were qualified as estimated.

F. Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD analyses are performed at a frequency of 5% to assess method precision and accuracy. Action is taken if recoveries are outside the acceptance range, or if the relative percent difference (RPD) for spiked compounds is above the control limit. A total of five MS/MSD analyses were performed, two for low level aqueous samples, two for low level soil samples, and one for medium level soil samples. 1,1-Dichloroethene did not meet RPD acceptance limits in the MS/MSD performed on aqueous sample ENMW101XXX94XX. Positive and non-detected 1,1-dichloroethene results in sample ENMW101XXX94XX and its field duplicate ENMW101XXX94XX were qualified as estimated. Toluene and chlorobenzene did not meet percent recovery criteria, and benzene and toluene did not meet RPD criteria in the MS/MSD performed on soil sample ENCD103XXX94XX. Positive and non-detected benzene and toluene results for sample ENCD103XXX94XX were qualified as estimated. No action was required for chlorobenzene. 1,1-Dichloroethene did not meet percent recovery criteria or RPD criteria in the MS/MSD performed on soil sample ENSS102XXX94XX. Trichloroethene and chlorobenzene did not meet RPD criteria in the same MS//MSD. Positive and non-detected 1,1-dichloroethene; trichloroethene; and chlorobenzene results were qualified as estimated for sample ENSS102XXX94XX and its field duplicate ENSS102XXX94XD.

G. Field Duplicates

Field duplicate samples are collected and analyzed to assess sampling and analytical precision. Field duplicate control limits are: RPD of less than 30% for water samples and 50% for soil samples. Vinyl chloride, acetone, trichloroethene, tetrachloroethene, toluene, ethylbenzene, and total xylenes did not meet the control limit in aqueous sample ENCL102XXX94XX and its duplicate, ENCL102XXX94XD. Positive results for those compounds for both samples were qualified as estimated. 1,1,1-Trichloroethane; trichloroethene; tetrachloroethane; and total

xylenes did not meet the control limit in soil sample ENWT101XXX94XX and its duplicate, ENWT101XXX94XD. Positive results for those compounds for both samples were qualified as estimated. Acetone and 4-methyl-2-pentanone did not meet the control limit in aqueous sample ENMW101XXX94XX and its duplicate, ENMW101XXX94XD. Positive results for those compounds for sample ENMW101XXX94XX were qualified as estimated. No action was required for ENMW101XXX94XD because acetone and 4-methyl-2-pentanone were non-detected.

H. Internal Standard Response

The internal standard response is monitored for each sample to verify GC/MS sensitivity and the stability of the detector's response. The internal standard area must be >50% and <100%, and the retention time must be within ±30%, of the associated calibration standard. Chlorobenzene-d5 was below acceptance criteria for the following samples: ENWT103XXX94XX, ENWT104XXX94XX, ENWT105XXX94XX, and ENWT106XXX94XX. Positive and non-detected results for all compounds for which chlorobenzene-d5 is the internal standard (i.e., 2-hexanone; 4-methyl-2-pentanone; tetrachloroethene; 1,1,2,2-tetrachloroethane; toluene; chlorobenzene; ethylbenzene; styrene; and total xylene) were qualified as estimated in the samples listed. 1,4-Difluorobenzene was below acceptance criteria for ENWT103XXX94XX. Positive and non-detected results for all compounds for which 1,4-Difluorobenzene is the internal standard (i.e., 1,1,1-trichloroethane; carbon tetrachloride; bromodichloromethane; 1,2-dichloropropane; trans-1,3-dichloropropene; trichloroethene; dibromochloromethane; 1,1,2- trichloroethane; benzene; cis-1,3-dichloropropene; and bromoform) were qualified as estimated in the sample.

I. Target Compound Identification

Chromatograms and mass spectra are reviewed to minimize the reporting of false positive and false negatives. For each compound detected, the relative retention time must be within ±0.06 units and the qualitative criteria for mass spectral identification must be met. No problems were observed.

J. Compound Quantitation

Laboratory calculations were checked to verify that reported concentrations and CRQLs were accurate. The calculations which were reviewed were performed correctly, and the CRQLs were adjusted for sample size and dilution factors. Soil sample percent solid content is evaluated to determine whether the sample was correctly classified as a soil. If solid content falls between 10% and 50% positive and non-detected results are estimated. If solid content is less than 10% results are calculated and reported as an aqueous sample. No sample results were qualified due to low solid content.

K. Tentatively Identified Compounds (TICs)

All TIC spectra were reviewed to verify that the identifications were acceptable, laboratory contamination was taken into account, and the correct assignments of compound classes were made. Reported concentrations represent estimated (J) values.

III. SEMIVOLATILE ORGANIC COMPOUNDS

A. Holding Times

Holding times are evaluated to address the validity of the results based on the elapsed time from VTSR to analysis. All samples were analyzed within the required 5-day holding time for extraction and the 40-day holding time from extraction to analysis.

B. GC/MS Instrument Performance Check

Decafluorotriphenylphosphine (DFTPP) is analyzed every 12 hours to verify the instrument's mass resolution, identification, and sensitivity. All DFTPP ion abundance criteria were met.

C. GC/MS Initial and Continuing Calibration

Initial calibration demonstrates instrument linearity and ensures that the instrument can produce acceptable qualitative and quantitative results. The initial calibration RSD must be less than 30%, and the RRF must be greater than 0.05. Continuing calibration checks are performed every 12-hours to demonstrate that the instrument can produce acceptable qualitative and quantitative results as established by the initial calibration. The continuing calibration %D must be less than 25%, and the RRF must be greater than 0.05. Bis(2-chloroethyl)ether, hexachlorocyclopentadiene, diethylphthalate, 4-chlorophenyl-phenylether, and benzo(k)fluoranthene exceed 30% RSD, but are below 50% RSD. No action was required for these compounds. 3-Nitroaniline and hexachlorocyclopentadiene exceed 50% RSD. Associated positive and non-detected sample results are qualified as estimated. Hexachlorocyclopentadiene and 2,4-dinitrophenol did not meet percent difference or RRF criteria for continuing calibration standards. Positive results for those compounds were qualified as estimated and non-detected results were rejected in associated samples. Bis(2-chloroethyl)ether; N-nitroso-di-n-propylamine; 2-nitrophenol; 4-chloroaniline; hexachlorocyclopentadiene; 3-nitroaniline; 2,4-dinitrophenol; 4-nitrophenol; diethylphthalate; 4-chlorophenyl-phenylether; 4-nitroaniline; 4,6-dinitro-2-methylphenol; pentachlorophenol; 3,3'-dichlorobenzidine; di-n-octylphthalate; and benzo(k)fluoanthene exceed 25% difference, but are below 50% difference. Positive results for those compounds were qualified as estimated for associated samples. 2,4-Dinitrophenol; 4-nitroaniline; 4,6-dinitro-2-methylphenol; N-nitrosodiphenylamine; and 3,3'-dichlorobenzidine exceeded 50% difference. Positive and non-detected results were qualified as estimated for associated samples.

D. Blanks

Laboratory (method) and field (equipment) blanks are analyzed to determine the presence and magnitude of contamination resulting from field or laboratory activities. Action levels are calculated at 5 times the concentration in the associated blank (10 times for phthalates). Sample results below this action level are considered attributable to blank contamination; results greater than this level are considered to be acceptable. Due to equipment, field, or laboratory method blank contamination, bis(2-ethylhexyl)phthalate was qualified as non-detect in associated samples where the results were below the calculated blank action level.

E. Surrogate Recoveries

Surrogate compounds are added to all samples and blanks prior to extraction to assess recovery (accuracy). Action is taken if any two acid or base/neutral surrogates are outside the acceptance range, or if any one surrogate recovery is less than 10%. All surrogate recoveries were within QC limits.

F. Matrix Spike/Matrix Spike Duplicate

MS/MSD analyses are performed at a frequency of 5% to assess method precision and accuracy. Action is taken if recoveries are outside the acceptance range, or if the RPD for spiked compounds is above the control limit. A total of four MS/MSD analyses were performed: two for aqueous samples and two for soil samples. Recovery was below 10% for all compounds in the MS/MSD performed on soil sample ENWT101XXX94XX. Positive results for all matrix spike compounds were qualified as estimated, and non-detected results were rejected for sample ENWT101XXX94XX and its field duplicate ENWT101XXX94XD. Percent recoveries for pentachlorophenol and pyrene in the MS/MSD performed on aqueous sample ENCL102XXX94XX were above QC limits. Positive pyrene results were qualified as estimated for sample ENCL102XXX94XD. No action was required for pentachlorophenol in either the original sample or its field duplicate, or for pyrene in the original sample. Recovery was below 10% for pentachlorophenol in the MS performed on soil sample ENSS102XXX94XX. Pentachlorophenol did not meet percent recovery criteria in the MSD performed on soil sample ENSS102XXX94XX, or RPD criteria between the MS and MSD concentrations. Positive results for pentachlorophenol were qualified as estimated, and non-detected results were rejected for sample ENSS102XXX94XX and its field duplicate ENSS102XXX94XD. 1,4-dichlorobenzene RPD was above QC limits for the MS/MSD performed on soil sample ENSS102XXX94XX. Positive and non-detected 1,4-dichlorobenzene results were qualified as estimated for sample ENSS102XXX94XX and its field duplicate ENSS102XXX94XD.

G. Field Duplicates

Field duplicate samples are collected and analyzed to assess sampling and analytical precision. Field duplicate control limits are: RPD of less than 30% for water samples and 50% for soil

samples. Pyrene and di-n-octylphthalate did not meet the control limit in aqueous sample ENCL102XXX94XX and its duplicate, ENCL102XXX94XD. Positive results for those compounds for both samples were qualified as estimated. Phenanthrene, fluoranthene, pyrene, and chrysene did not meet the control limit for soil sample ENWT101XXX94XX and its duplicate, ENWT101XXX94XD. Positive results for those compounds for both samples were qualified as estimated. Phenanthrene, fluoanthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, and benzo(g,h,i)perylene did not meet the control limit for soil sample ENSS102XXX94XX and its field duplicate ENSS102XXX94XD. Positive results for those compounds for both samples were qualified as estimated.

H. Internal Standard Response

The internal standard response is monitored for each sample to verify GC/MS sensitivity and the stability of the detector's response. The internal standard area must be >50% and <100%, and the retention time must be within ±30%, of the associated calibration standard. Perylene-d12 response was low, but greater than 25% of associated continuing calibration standard response, for samples ENCL104XXX94XX DL and ENCL103XXX94XX. Positive and non-detected results for all compounds for which perylene-d12 is the internal standard (i.e., di-n-octylphthalate, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene) were qualified as estimated in the samples listed.

I. Target Compound Identification

Chromatograms and mass spectra are reviewed to minimize the reporting of false positive and false negatives. For each compound detected, the relative retention time must be within ±0.06 units and the qualitative criteria for mass spectral identification must be met. No problems were observed.

J. Compound Quantitation

Laboratory calculations were checked to verify that reported concentrations and CRQLs were accurate. The calculations which were reviewed were performed correctly, and the CRQLs were adjusted for sample size and dilution factors. Soil sample percent solid content is evaluated to determine whether the sample was correctly classified as a soil. If solid content falls between 10% and 50% positive and non-detected results are estimated. If solid content is less than 10% results are calculated and reported as an aqueous sample. Positive and non-detected results for samples ENCD101XXX94XX and ENWT102XXX94XX were qualified as estimated due to low solid content.

K. Tentatively Identified Compounds

All TIC spectra were reviewed to verify that the identifications were acceptable, laboratory contamination was taken into account, and the correct assignments of compound classes were made.. Reported concentrations represent estimated (J) values.

IV. PESTICIDES/PCBs

A. Holding Times

Holding times are evaluated to address the validity of the results based on the elapsed time from VTSR to analysis. Sample extraction must be performed within 5 days of VTSR, and sample analysis must done within 40 days of extraction. Sample ENWT101XXX94XD was extracted 14 days beyond the required holding time; all results for the sample were qualified as estimated.

B. Instrument Performance Check

Performance checks are performed to verify target compound resolution and the instrument's sensitivity. All compound resolution criteria were met for the resolution check mixture and the performance evaluation mixture (PEM). For the PEM, retention time criteria were met, the %D between the calculate and true concentration was less than 25%, and the endrin and 4,4'-DDT breakdown was less than 20% (less than 30% for endrin and 4,4'-DDT combined).

C. Initial and Continuing Calibration

Initial calibration demonstrates instrument linearity and ensures that the instrument can produce acceptable qualitative and quantitative results. For the initial calibration linearity criteria to be met, the RSD must be less than 20%. Standards were run at the required frequency. Alpha-BHC, delta-BHC, gamma-BHC, endrin aldehyde, gamma-chlordane, and 4,4'-DDT did not meet the RSD criterion. Positive and non-detected results for alpha-BHC, delta-BHC, gamma-BHC, endrin aldehyde, gamma-chlordane, and 4,4'-DDT were qualified as estimated in associated samples. Continuing calibration checks are performed to demonstrate that the instrument can produce acceptable qualitative and quantitative results as established by the initial calibration. The continuing calibration %D must be less than 25%, and the retention times must fall within the windows established by the initial calibration. Standards were run at the required frequency, and these criteria were met.

D. Blanks

Laboratory (method) and field (equipment/source) blanks are analyzed to determine the presence and magnitude of contamination resulting from field or laboratory activities. Action levels are calculated at 5 times the concentration in the associated blank. Sample results below this action level are considered attributable to blank contamination; results greater than this level are

considered to be acceptable. Due to equipment, field, or laboratory method blank contamination, methoxychlor was qualified as non-detect in associated samples where the results were below the calculated blank action level.

E. Surrogate Recoveries

Surrogate compounds are added to all samples and blanks prior to extraction to assess recovery (accuracy). Action is taken if both surrogates are outside the acceptance range in either column, or if any one surrogate recovery is less than 10%. Recovery was 0% for one surrogate in samples ENSS101XXX94XX, ENCD101XXX94XX, ENCD103XXX94XX, ENWT102XXX94XX, ENWT104XXX94XX, and ENWT105XXX94XX. Positive results were qualified as estimated and non-detected results were rejected in these samples due to surrogate percent recovery. Surrogate percent recoveries did not meet acceptance criteria in samples ENWT101XXX94XD or ENMW103XXX94XX. Positive results (i.e., 4,4'-DDT and endrin aldehyde in sample ENWT101XXX94XD, none in sample ENMW103XXX94XX) obtained from the column that did not meet surrogate percent recovery criteria, and all non-detected results in those samples were qualified as estimated.

F. Matrix Spike/Matrix Spike Duplicate

Matrix spike/matrix spike duplicate analyses are performed at a frequency of 5% to assess method precision and accuracy. Action is taken if recoveries are outside the acceptance range, or if the relative percent difference (RPD) for spiked compounds (RSD for unspiked compounds) is above the control limit. A total of four MS/MSD analyses were performed: two for aqueous samples and two for soil samples. All matrix spike compounds exceeded percent recovery and RPD acceptance limits in the MS/MSD performed on aqueous sample ENCL102XXX94XX. Positive and non-detected gamma-BHC (Lindane), heptachlor, aldrin, dieldrin, endrin, and 4,4'-DDT results were qualified as estimated for the sample ENCL102XXX94XX and its field duplicate ENCL102XXX94XD. All matrix spike compounds were outside of percent recovery criteria in the MS/MSD performed on soil sample ENWT101XXX94XX. Positive results were qualified as estimated and non-detected results were rejected for gamma-BHC (Lindane), heptachlor, aldrin, dieldrin, and 4,4'-DDT in the sample and its field duplicate EMWT101XXX94XD. No action was necessary for endrin. Aldrin, endrin and 4,4'-DDT did not meet RPD criteria in the MS/MSD performed on soil sample ENWT101XXX94XX. Positive and non-detected results for aldrin, endrin and 4,4'-DDT were qualified as estimated for sample ENWT101XXX94XX and its field duplicate ENWT101XXX94XD. Heptachlor and dieldrin were above RPD criteria in the MS/MSD performed on soil sample ENSS102XXX94XX. Positive and non-detected results for heptachlor and dieldrin in sample ENSS102XXX94XX and its field duplicate ENSS102XXX94XD were qualified as estimated.

G. Field Duplicates

Field duplicate samples are collected and analyzed to assess sampling and analytical precision. Field duplicate control limits are: RPD of less than 30% for water samples and 50% for soil samples. Alpha-BHC, gamma-BHC, heptachlor, aldrin, heptachlor epoxide, endosulfan I, 4,4'-DDE, endrin aldehyde, 4,4'-DDT, and gamma chlordane did not meet the control limit in sample ENWT101XXX94XX and its duplicate, ENWT101XXX94XD. Positive results for those compounds for both samples were qualified as estimated.

H. Cleanup Checks

Cleanup procedures (gel permeation chromatography (GPC) and florisil) are used to remove interferences from sample extracts. Cleanup checks verify acceptable recovery of pesticides through the cleanup process. Recoveries must be between 80 - 120% (florisil) and 80 - 110% (GPC). These criteria were met.

I. Target Compound Identification

Chromatograms and mass spectra are reviewed to minimize the reporting of false positive and false negatives. For each compound detected, the retention time must be within the retention time window determined during initial calibration for both the primary and confirmation columns, and the percent difference betweeen the results obtained from each column must be less than 25%. If the percent difference between the two is between 25% and 50% the compound result is qualified as estimated. If the percent difference between the two is between 50% and 90% the compound result is qualified as an analyte that is tentatively identified and whose associated result represents an estimated concentration. If the percent difference between the two is greater than 90% the compound result is rejected. Alpha chlordane was qualified as estimated for samples ENWT104XXX94XX and ENWT105XXX94XX. Gamma-BHC (Lindane) was rejected for sample ENCD101XXX94XX, ENWT101XXX94XX, and ENWT103XXX94XX. Heptachlor epoxide was rejected for sample ENWT101XXX94XX, and qualified as JN for sample ENWT105XXX94XX. 4,4'-DDD was rejected for samples ENCD103XXX94XX, ENWT103XXX94XX, and ENWT104XXX94XX. Endrin aldehyde was rejected for samples ENCL102XXX94XX, ENWT101XXX94XD, and ENWT101XXX94XX. 4,4'-DDE was qualified as estimated for samples ENCL104XXX94XX and ENWT105XXX94XX, qualified as JN for sample ENWT104XXX94XX, and rejected for samples ENWT101XXX94XX and ENWT103XXX94XX. Gamma chlordane was rejected for sample ENWT101XXX94XX, and qualified as estimated for sample ENWT103XXX94XX. Alpha-BHC was qualified as JN for sample ENCD101XXX94XX, and rejected for sample ENWT101XXX94XX. Aldrin was rejected for samples ENWT101XXX94XX and ENWT102XXX94XX, and qualified as estimated for sample ENWT103XXX94XX. Endosulfan I was rejected for samples ENWT101XXX94XX, ENWT101XXX94XD, and ENWT104XXX94XX, and qualified as JN for sample ENTWT105XXX94XX. Heptachlor was rejected for sample ENWT101XXX94XD and qualified as JN for sample ENTWT105XXX94XX. 4,4'-DDT was qualified as estimated for sample

ENWT101XXX94XD, as JN for samples ENSS101XXX94XX and ENWT103XXX94XX, and rejected for samples ENSS102XXX94XD and ENTWT105XXX94XX. Dieldrin was rejected for sample ENWT103XXX94XX, qualified as JN for sample ENWT104XXX94XX, and as estimated for sample ENTWT105XXX94XX. Beta-BHC was rejected for sample ENWT106XXX94XX DL. Endosulfan II was rejected for samples ENSS101XXX94XX and ENSS102XXX94XD. Methoxychlor was qualified as estimated for sample ENSS102XXX94XX. Endrin ketone was rejected for samples ENSS102XXX94XX and ENSS102XXX94XD. Arochlor 1260 was qualified as estimated in sample ENBS102XX694XX.

J. Compound Quantitation

Laboratory calculations were checked to verify that reported concentrations and CRQLs were accurate. The calculations which were reviewed were performed correctly, and the CRQLs were adjusted for sample size and dilution factors. Soil sample percent solid content is evaluated to determine whether the sample was correctly classified as a soil. If solid content falls between 10% and 50% positive and non-detected results are estimated. If solid content is less than 10% results are calculated and reported as an aqueous sample. Positive and non-detected results for samples ENCD101XXX94XX and ENWT102XXX94XX were qualified as estimated due to low solid content.

V. INORGANICS

A. Holding Times

Holding times are evaluated to address the validity of the results based on the elapsed time from VTSR to analysis. All samples were analyzed within the following holding times:

metals - 6 months
mercury - 26 days
cyanide - 12 days

B. Calibration

Calibration demonstrates instrument linearity and ensures that the instrument can produce acceptable qualitative and quantitative results. The minimum number of standards were analyzed by the laboratory as specified by the method. For the initial calibration linearity criteria to be met, the correlation coefficient must be greater than 0.995 for furnace atomic absorption (AA), mercury, and cyanide. Initial calibration verification (ICV) and continuing calibration verification (CCV) results must be between 90 -110% (80 - 120% for mercury and 85 - 115% for cyanide). For the CRDL standard, recoveries must be between 80 -120%. All standards were run at the required frequency. Positive and non-detected cadmium, antimony, silver, and chromium results within the affected range (i.e., standard true value ±2 times the CRDL) were estimated for associated water samples because the CRDL standard recovery was below the acceptance limits.

Positive lead results within the affected range (i.e., standard true value ±2 times the CRDL) were estimated for associated water samples because the CRDL standard recovery was above the acceptance limits. Positive and non-detected cadmium, antimony, and silver results within the affected range (i.e., standard true value ±2 times the CRDL) were estimated for associated soil samples because the CRDL standard recovery was below the acceptance limits. Positive lead results within the affected range (i.e., standard true value ±2 times the CRDL) were estimated for associated soil samples because the CRDL standard recovery was above the acceptance limits.

C. Blanks

Laboratory (preparation/calibration) and field (equipment/source) blanks are analyzed to determine the presence and magnitude of contamination resulting from field or laboratory activities. If contamination above the CRDL is found in a field, equipment, or method blank an action level is calculated. The action level is calculated at 5 times the concentration in the blank. Positive sample results below this action level are rejected; results greater than this level are considered to be acceptable. Lead contamination above the acceptance criterion was found in an equipment blank. Positive lead results below the action level were rejected in associated soil samples because of this blank contamination.

D. Interference Check Sample (ICS)

The ICS verifies the instrument's interelement and background correction factors for inductively coupled plasma (ICP) analyses. The ICS recovery must be within 80 - 120%. All results were reviewed and found to be acceptable.

E. Laboratory Control Sample (LCS)

The LCS monitors the overall laboratory performance from sample preparation through analysis. Aqueous LCS recoveries must fall between 80 - 120%, and solid LCS results must fall within the limits established by USEPA for that LCS. All results were reviewed and found to be acceptable.

F. Laboratory Duplicate Analysis

Duplicate results provide a measure of the laboratory's analytical precision. The RPD must be less than 50% (100% for soil) for sample results ≥5 times the CRDL, or ±CRDL (±2 times the CRDL for soil) for sample results less <5 times the CRDL. All duplicate results were within acceptance limits. All duplicate results were within acceptance limits.

G. Matrix Spike

Matrix spike analyses are performed to assess method accuracy. Spike recoveries must fall within the range of 75 - 125%. Four matrix spike analyses were performed: two for aqueous samples and two for soil samples. Percent recovery was less than 30% for selenium in aqueous matrix

spike analysis. Results were rejected for all associated aqueous samples. Manganese percent recovery was above the acceptance limit for aqueous matrix spike analysis. Positive results were qualified as estimated for associated aqueous samples. Percent recoveries were below acceptance limits for antimony, arsenic, selenium, silver, and thallium in one soil matrix spike analysis. Positive and non-detected results for those analytes were qualified as estimated in associated samples. Percent recoveries were above acceptance limits for arsenic, lead, selenium, vanadium, and cyanide in one soil matrix spike analysis. No action was required for selenium or cyanide. Positive arsenic and vanadium results were qualified as estimated in associated samples. Positive lead results were rejected in associated samples because matrix spike percent recovery was above 200%.

H. Furnace AA QC

Duplicate injections and post digestion spikes provide a measure of precision and accuracy for furnace AA analyses. Duplicate injections must be within 20% RSD, and spike recoveries must be between 85 - 115%. All RSDs were reviewed and found to be acceptable. Percent recoveries were low for selenium in samples ENCL102XXX94XD, ENCL102XXX94XX, ENCL103XXX94XX, ENCL104XXX94XX, ENWT106XXX94XX, ENBS101XX694XX, ENSS101XXX94XX, and ENMW102XXX94XX, and for thallium in samples ENCL103XXX94XX, ENCL104XXX94XX, ENWT101XXX94XD, ENWT101XXX94XX, ENBS101XX694XX, ENSS101XXX94XX. Positive and non-detected results for these analytes in these samples were qualified as estimated. Method of standard additions (MSA) is performed for sample quantitation if upon analysis of the sample and its analytical spike the sample absorbance or concentration is greater than or equal to 50% of the spike and the spike recovery is less than 85% or greater than 115%. MSA is evaluated for degree of dependence between concentration and absorbance in the concentration range of the MSA standards. Correlation coefficient must be greater than 0.995. Quality control criteria were met for all MSAs performed.

I. ICP Serial Dilution

Serial dilution analyses evaluate the effects of physical or chemical interferences in the sample matrix. Serial dilution results must agree within 10%D of the original sample for initial concentration greater than 10 times the IDL. Potassium and cadmium aqueous serial dilution results did not meet quality control criteria. All potassium and cadmium results greater than 10 times the IDL were qualified as estimated in associated samples. Cadmium and silver soil serial dilution results did not meet quality control criteria. All cadmium and silver results greater than 10 times the IDL were qualified as estimated in associated samples.

J. Sample Result Verification

Laboratory calculations were checked to verify that reported concentrations and IDLs were accurate. The calculations which were reviewed were performed correctly, and the CRDLs were

adjusted for sample size and dilution factors. Soil sample percent solid content is evaluated to determine whether the sample was correctly classified as a soil. If solid content falls between 10% and 50% positive and non-detected results are estimated. If solid content is less than 10% results are calculated and reported as an aqueous sample. Positive and non-detected results for samples ENCD101XXX94XX and ENWT102XXX94XX were qualified as estimated due to low solid content.

K. Field Duplicates

Field duplicate samples are collected and analyzed to assess sampling and analytical precision. Field duplicate results must be within the following criteria: difference of less than CRDL for water (2 times the CRDL for soil) when results are <5 times the CRDL or RPD <50% for water samples (100% for soil samples) when results are ≥5 times the CRDL). Aqueous sample ENCL102XXX94XX and its duplicate ENCL102XXX94XD did not meet quality control criteria for nickel. Positive and non-detected nickel results were qualified as estimated in the sample and its duplicate only. Aqueous sample ENMW101XXX94XX and its duplicate ENMW101XXX94XD did not meet quality control criteria for aluminum or lead. Positive and non-detected results for those analytes were qualified as estimated in the sample and its duplicate only. Soil sample ENWT101XXX94XX and its duplicate ENWT101XXX94XD did not meet quality control criteria for sodium, vanadium, or cyanide. Positive and non-detected results for those analytes were qualified as estimated in the sample and its duplicate only.

V. EP TOXICITY METALS

EP toxicity metals analyses were evaluated for hold times, calibration, blank contamination, interference check sample, laboratory control sample, laboratory duplicate analysis, matrix spike, furnace AA quality control (when applicable), ICP serial dilution, sample result verification, and field duplicate. Preparation blanks had negative results for cadmium and chromium. Positive and non-detected sample results less than 10 times the IDL were qualified as estimated. Laboratory duplicate analysis was not performed for batches associated with the following samples: ENSS101XXX94XX, ENSS102XXX94XX, and ENSS102XXX94XD. Positive results were qualified as estimated. Laboratory duplicate analysis was not performed for lead by furnace AA for the following samples: ENCL103XXX94XX and ENCL104XXX94XX. Positive results were qualified as estimated. Laboratory duplicate results were not within acceptance limits (acceptance limits are similar to those for laboratory duplicate results in CLP inorganics analysis, but IDL is used instead of CRDL in the criteria) for chromium, lead (by ICP), or silver. Positive and non-detected chromium, lead, and silver results in all associated samples were qualified as estimated. Matrix spike analysis was not performed for batches associated with the following samples: ENSS101XXX94XX, ENSS102XXX94XX, and ENSS102XXX94XD. Positive cadmium, chromium and lead results less than 4 times the spiking level were qualified as estimated. Matrix spike analysis exceeded percent recovery criteria (criteria are similar to those for matrix spike recovery in CLP inorganics analysis) for barium. Positive barium results were rejected in associated samples because percent recovery was greater than 150%. Furnace AA

analytical spike percent recovery criteria (criteria are similar to those for analytical spike recovery in CLP inorganics analysis) were not met for selenium in samples ENCL103XXX94XX and ENCL104XXX94XX, or for arsenic in sample ENCL104XXX94XX. Positive and non-detected results for these analytes in these samples were qualified as estimated. Field duplicate criteria (criteria are similar to those for field duplicate results in CLP inorganics analysis, but IDL is used instead of CRDL in the criteria) were not met for chromium in sample ENSS102XXX94XX and its field duplicate ENSS102XXX94XD, or for lead in sample ENWT101XXX94XX and its field duplicate ENWT101XXX94XD. Positive and non-detected results for these analytes in the associated samples were qualified as estimated.

VI. CORROSIVITY, IGNITABILITY, REACTIVE CYANIDE, REACTIVE SULFIDE

Corrosivity, ignitability, reactive cyanide and reactive sulfide analyses were evaluated for hold times, calibration, method blank contamination (there is no method blank for corrosivity or ignitability), laboratory control sample, matrix spike, and field duplicate. All quality control criteria were met.

Attachment I - Definition of Laboratory Qualifiers
(for Table 1 - Laboratory Report of Analysis)

Organic Data Qualifiers

J - Indicates an estimated concentration below the contract required detection level (CRQL) but greater than 0 or when estimating a concentration for TICs.

U - Indicates that compound was analyzed but not detected. The sample quantitation limit is adjusted for dilution and percent moisture.

B - Indicates analyte was detected in both the sample and the associated laboratory method blank.

E - Indicates that the analyte concentration exceeded the calibration range of the GC/MS and that a re-analysis of a diluted sample is required.

D - Indicates that sample concentration was obtained by dilution to bring result within calibration range.

N - Indicates presumptive evidence of a compound. This flag is used for TICs were the identification is based on a library search and is applied to all TIC results. For general classes of compounds (hydrocarbons, etc.) this flag is not used.

P - This flag is used for pesticides/PCBs when there is greater than 25% difference between the concentrations on the two columns used for analysis. The lower value is reported.

C - This flag applies to pesticide/PCBs results when the identification has been confirmed by GC/MS.

A - Indicates that a TIC is a suspected aldol-condensation product.

X - Laboratory-defined qualifier used to provide additional information not covered by the other qualifiers.

Inorganic Data Qualifiers

E - The reported concentration is estimated because of the presence of an interference.

M - Duplicate injection precision criteria were not met.

N - Spiked sample recovery not within control limits.

s - The reported concentration was determined by the method of standard additions.

W - Post-digestion spike for furnace atomic adsorption analysis is outside control limits.

B - Concentration reported is below CRDL but greater than the IDL.

* - Duplicate analysis not within control limits.

+ - Correlation coefficient for the method of standard additions was less than 0.995

U - Indicates that compound was analyzed but not detected. The sample quantitation limit is adjusted for dilution and percent moisture.

Attachment II - Definition of Validation Qualifiers
(for Table 2 - Validation/Summary Table)

J - Estimated concentration because QC criteria were not met.

R - Results were rejected because of serious QC deficiencies.

U - Indicates that compound was analyzed but not detected. The sample quantitation limit is adjusted for dilution and percent moisture.

N - Indicates presumptive evidence of a compound. This flag is used for TICs were the identification is based on a library search and is applied to all TIC results. For general classes of compounds (hydrocarbons, etc.) this flag is not used.

UJ - Quantitation limit was estimated concentration because QC criteria were not met.

JN - Presence of an analyte was tentatively identified and the associated result represents an estimated concentration.

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-003	QS-004	QS-XX1	QS-2
	ISIS ID:	ENQS003XXX94XX	ENQS004XXX94XX	ENQSXX1XXX94XX	ENQSXX2XXX94XX
	LAB NUMBER:	2241108	2263807	2223319	2223313
	DATE SAMPLED:	10/28/94	11/30/94	10/04/94	10/04/94
	DATE ANALYZED:	11/08/94	12/02/94	10/13/94	10/13/94
ANALYTE	SOW-3/90 - 11 CRQL				
Chloromethane	10	10 U	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U
Chloroethane	10	10 U	10 U	10 U	10 U
Methylene Chloride	10	4 JB	10 U	15 B	16 B
Acetone	10	25	8 J	10 U	10
Carbon Disulfide	10	10 U	10 U	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U	10 U	10 U
1,2-Dichloroethene (total)	10	10 U	10 U	10 U	10 U
Chloroform	10	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10	10 U	10 U	10 U	10 U
2-Butanone	10	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	10	10 U	10 U	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U	10 U	10 U
Bromodichloromethane	10	10 U	10 U	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U
Trichloroethene	10	10 U	10 U	10 U	1 J
Dibromochloromethane	10	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10	10 U	10 U	10 U	10 U
Benzene	10	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U
Bromoform	10	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U
Tetrachloroethene	10	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U	10 U	10 U
Toluene	10	2 J	10 U	2 J	10 U
Chlorobenzene	10	10 U	10 U	10 U	10 U
Ethylbenzene	10	10 U	10 U	10 U	10 U
Styrene	10	10 U	10 U	10 U	10 U
Total Xylenes	10	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):		5.00	5.00	5.00	5.00
Associated Method Blank:		M0746.D	N0496.D	N9594.D	N9594.D
Associated Equipment Blank:		-	-	-	-
Associated Field Blank:		-	-	-	-
Associated Trip Blank:		-	-	-	-

Site: EQUIPMENT RINSATE
U: not detected J: estimated B: blank contamination

Table 1
Laboratory Report of Analysis

	LOCATION:	QT-001	QT-002
	ISIS ID:	ENQT001XXX94XX	ENQT002XXX94XX
	LAB NUMBER:	2223320	2263808
	DATE SAMPLED:	10/04/94	11/30/94
	DATE ANALYZED:	10/13/94	12/02/94

ANALYTE	SOW-3/90 - II CRQL				
Chloromethane	10	10	U	10	U
Bromomethane	10	10	U	10	U
Vinyl Chloride	10	10	U	10	U
Chloroethane	10	10	U	10	U
Methylene Chloride	10	17	B	2	JB
Acetone	10	10	U	68	
Carbon Disulfide	10	10	U	10	U
1,1-Dichloroethene	10	10	U	10	U
1,1-Dichloroethane	10	10	U	10	U
1,2-Dichloroethene (total)	10	10	U	10	U
Chloroform	10	10	U	10	U
1,2-Dichloroethane	10	10	U	10	U
2-Butanone	10	10	U	10	U
1,1,1-Trichloroethane	10	10	U	10	U
Carbon Tetrachloride	10	10	U	10	U
Bromodichloromethane	10	10	U	10	U
1,2-Dichloropropane	10	10	U	10	U
cis-1,3-Dichloropropene	10	10	U	10	U
Trichloroethene	10	10	U	10	U
Dibromochloromethane	10	10	U	10	U
1,1,2-Trichloroethane	10	10	U	10	U
Benzene	10	10	U	10	U
trans-1,3-Dichloropropene	10	10	U	10	U
Bromoform	10	10	U	10	U
4-Methyl-2-Pentanone	10	10	U	10	U
2-Hexanone	10	10	U	10	U
Tetrachloroethene	10	10	U	10	U
1,1,2,2-Tetrachloroethane	10	10	U	10	U
Toluene	10	10	U	10	U
Chlorobenzene	10	10	U	10	U
Ethylbenzene	10	10	U	10	U
Styrene	10	10	U	10	U
Total Xylenes	10	10	U	10	U

Dilution Factor:	1.00	1.00
Sample Volume\Weight (ml\g):	5.00	5.00
Associated Method Blank:	N9594.D	N0496.D
Associated Equipment Blank:	-	-
Associated Field Blank:	-	-
Associated Trip Blank:	-	-

Site: TRIP BLANKS
U: not detected B: blank contamination J: estimated

02

Table 1
Laboratory Report of Analysis

	LOCATION:	CL-102 DUP	CL-102 DUP	CL-102	CL-102	CL-103	CL-104	CL-104
	ISIS ID:	ENCL102XXX94XD	ENCL102XXX94XD	ENCL102XXX94XX	ENCL102XXX94XX	ENCL103XXX94XX	ENCL104XXX94XX	ENCL104XXX94XX
	LAB NUMBER:	2223317	2223317 D	2223314	2223314 D	2223318	2223312	2223312 D
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94
	DATE ANALYZED:	10/13/94	10/14/94	10/13/94	10/14/94	10/13/94	10/13/94	10/13/94
ANALYTE	SOW-3/90 - II CRQL							
Chloromethane	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Bromomethane	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Vinyl Chloride	10	34	68 JD	80	100 U	10 U	230	10000 U
Chloroethane	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Methylene Chloride	10	18 B	120 BD	17 B	120 BD	16 B	830 B	4100 JBD
Acetone	10	16	100 U	10 U	100 U	10 U	200 U	10000 U
Carbon Disulfide	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
1,1-Dichloroethene	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
1,1-Dichloroethane	10	16	15 JD	15	16 JD	10 U	14000 E	12000 D
1,2-Dichloroethene (total)	10	450 E	480 D	420 E	480 D	10 U	17000 E	13000 D
Chloroform	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
1,2-Dichloroethane	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
2-Butanone	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
1,1,1-Trichloroethane	10	190	190 D	170	170 D	10 U	60000 E	57000 D
Carbon Tetrachloride	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Bromodichloromethane	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
1,2-Dichloropropane	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
cis-1,3-Dichloropropene	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Trichloroethene	10	10	100 U	6 J	100 U	10 U	34000 E	33000 D
Dibromochloromethane	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
1,1,2-Trichloroethane	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Benzene	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
trans-1,3-Dichloropropene	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Bromoform	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
4-Methyl-2-Pentanone	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
2-Hexanone	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Tetrachloroethene	10	4 J	100 U	2 J	100 U	10 U	6500 E	8000 JD
1,1,2,2-Tetrachloroethane	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Toluene	10	28	17 JD	13	16 JD	10 U	510	10000 U
Chlorobenzene	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Ethylbenzene	10	8 J	100 U	3 J	100 U	10 U	43 J	10000 U
Styrene	10	10 U	100 U	10 U	100 U	10 U	200 U	10000 U
Total Xylenes	10	30	12 JD	10	100 U	10 U	210	10000 U
Dilution Factor:		1.00	10.0	1.00	10.0	1.00	20.0	1000
Sample Volume\Weight (ml\g):		5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:		N9594.D	N9613.D	N9594.D	N9613.D	N9594.D	N9594.D	N9594.D
Associated Equipment Blank:		ENQSXX2XXX94XX	ENQSXX2XXX94XX	ENQSXX2XXX94XX	ENQSXX2XXX94XX	ENQSXX2XXX94XX	ENQSXX2XXX94XX	ENQSXX2XXX94XX
Associated Field Blank:		-	-	-	-	-	-	-
Associated Trip Blank:		ENQT001XXX94XX	ENQT001XXX94XX	ENQT001XXX94XX	ENQT001XXX94XX	ENQT001XXX94XX	ENQT001XXX94XX	ENQT001XXX94XX

Site: SUMP LIQUIDS
U: not detected B: blank contamination J: estimated
D: diluted result E: exceeds calibration range

03

Table 1
Laboratory Report of Analysis

	LOCATION:	CD-101		CD-103	
	ISIS ID:	ENCD101XXX94XX		ENCD103XXX94XX	
	LAB NUMBER:	2223303		2223304	
	DATE SAMPLED:	10/04/94		10/04/94	
	DATE ANALYZED:	10/13/94		10/13/94	
ANALYTE	SOW-3/90 - II CRQL				
Chloromethane	10	160	U	18	U
Bromomethane	10	160	U	18	U
Vinyl Chloride	10	390		18	U
Chloroethane	10	160	U	18	U
Methylene Chloride	10	280	B	32	B
Acetone	10	960		150	
Carbon Disulfide	10	160	U	18	U
1,1-Dichloroethene	10	160	U	18	U
1,1-Dichloroethane	10	450		18	U
1,2-Dichloroethene (total)	10	180		18	U
Chloroform	10	160	U	18	U
1,2-Dichloroethane	10	160	U	18	U
2-Butanone	10	470		42	
1,1,1-Trichloroethane	10	160		18	U
Carbon Tetrachloride	10	160	U	18	U
Bromodichloromethane	10	160	U	18	U
1,2-Dichloropropane	10	160	U	18	U
cis-1,3-Dichloropropene	10	160	U	18	U
Trichloroethene	10	120	J	18	U
Dibromochloromethane	10	160	U	18	U
1,1,2-Trichloroethane	10	160	U	18	U
Benzene	10	160	U	18	U
trans-1,3-Dichloropropene	10	160	U	18	U
Bromoform	10	160	U	18	U
4-Methyl-2-Pentanone	10	160	U	18	U
2-Hexanone	10	160	U	18	U
Tetrachloroethene	10	490		3	J
1,1,2,2-Tetrachloroethane	10	160	U	18	U
Toluene	10	260		18	U
Chlorobenzene	10	160	U	18	U
Ethylbenzene	10	380		18	U
Styrene	10	160	U	18	U
Total Xylenes	10	3800		18	U
Dilution Factor:		5.00		1.00	
Percent Solids:		32		55	
Sample Volume\Weight (ml\g):		5.00		5.00	
Associated Method Blank:		P1171.D		P1171.D	
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:		-		-	
Associated Trip Blank:		-		-	

Site: SUMP SEDIMENTS
U: not detected B: blank contamination J: estimated

04

Table 1
Laboratory Report of Analysis

	LOCATION:	WT-101 DUP		WT-101		WT-101	
	ISIS ID:	ENWT101XXX94XD		ENWT101XXX94XX		ENWT101XXX94XX	
	LAB NUMBER:	2223309		2223306		2223306 D	
	DATE SAMPLED:	10/04/94		10/04/94		10/04/94	
	DATE ANALYZED:	10/12/94		10/12/94		10/13/94	
ANALYTE	SOW-3/90 - II CRQL						
Chloromethane	1200	1400	U	1400	U	6800	U
Bromomethane	1200	1400	U	1400	U	6800	U
Vinyl Chloride	1200	1400	U	1400	U	6800	U
Chloroethane	1200	1400	U	1400	U	6800	U
Methylene Chloride	1200	1000	JB	980	JB	2400	JBD
Acetone	1200	1400	U	1400	U	6800	U
Carbon Disulfide	1200	1400	U	1400	U	6800	U
1,1-Dichloroethene	1200	1400	U	1400	U	6800	U
1,1-Dichloroethane	1200	1400	U	1400	U	6800	U
1,2-Dichloroethene (total)	1200	1400	U	1400	U	6800	U
Chloroform	1200	1400	U	1400	U	6800	U
1,2-Dichloroethane	1200	1400	U	1400	U	6800	U
2-Butanone	1200	1400	U	1400	U	6800	U
1,1,1-Trichloroethane	1200	1500		7600		4500	JD
Carbon Tetrachloride	1200	1400	U	1400	U	6800	U
Bromodichloromethane	1200	1400	U	1400	U	6800	U
1,2-Dichloropropane	1200	1400	U	1400	U	6800	U
cis-1,3-Dichloropropene	1200	1400	U	1400	U	6800	U
Trichloroethene	1200	610	J	1500		1500	JD
Dibromochloromethane	1200	1400	U	1400	U	6800	U
1,1,2-Trichloroethane	1200	1400	U	1400	U	6800	U
Benzene	1200	1400	U	1400	U	6800	U
trans-1,3-Dichloropropene	1200	1400	U	1400	U	6800	U
Bromoform	1200	1400	U	1400	U	6800	U
4-Methyl-2-Pentanone	1200	1400	U	1400	U	6800	U
2-Hexanone	1200	980	J	1400	U	6800	U
Tetrachloroethene	1200	10000		36000	E	43000	D
1,1,2,2-Tetrachloroethane	1200	1400	U	1400	U	6800	U
Toluene	1200	1400	U	1400	U	6800	U
Chlorobenzene	1200	1400	U	1400	U	6800	U
Ethylbenzene	1200	1400	U	1400	U	6800	U
Styrene	1200	1400	U	1400	U	6800	U
Total Xylenes	1200	1400	U	520	J	6800	U
Dilution Factor:		1.00		1.00		5.00	
Percent Solids:		84		88		88	
Sample Volume\Weight (ml\g):		4.00		4.00		4.00	
Associated Method Blank:		N9570.D		N9570.D		N9595.D	
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:		-		-		-	
Associated Trip Blank:		-		-		-	

Site: WASTE-SLUDGE
U: not detected J: estimated B: blank contamination
E: exceeds calibration range D: diluted result

05

Table 1
Laboratory Report of Analysis

	LOCATION:	WT-102	WT-103	WT-103	WT-104	WT-104	WT-105	WT-105	WT-106
	ISIS ID:	ENWT102XXX94XX	ENWT103XXX94XX	ENWT103XXX94XX	ENWT104XXX94XX	ENWT104XXX94XX	ENWT105XXX94XX	ENWT105XXX94XX	ENWT106XXX94XX
	LAB NUMBER:	2223305	2223310	2223310 R	2223311	2223311 R	2223301	2223301 R	2223302
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94	10/05/94
	DATE ANALYZED:	10/12/94	10/12/94	10/13/94	10/12/94	10/13/94	10/12/94	10/12/94	10/12/94
ANALYTE	SOW-3/90 - II CRQL								
Chloromethane	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Bromomethane	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Vinyl Chloride	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Chloroethane	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Methylene Chloride	10	11 JB	13 JB	40 B	11 JB	63 B	11 B	12 B	11 B
Acetone	10	20 U	190	16 J	17 U	17 U	6 J	17	11 U
Carbon Disulfide	10	20 U	4 J	4 J	17 U	17 U	2 J	5 J	11 U
1,1-Dichloroethene	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
1,1-Dichloroethane	10	26	17 U	17 U	17 U	17 U	11 U	11 U	11 U
1,2-Dichloroethene (total)	10	29	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Chloroform	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
1,2-Dichloroethane	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
2-Butanone	10	20 U	14 J	17 U	17 U	17 U	5 J	16	11 U
1,1,1-Trichloroethane	10	75	13 J	17	17 U	17 U	11 U	2 J	3 J
Carbon Tetrachloride	10	9 J	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Bromodichloromethane	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
1,2-Dichloropropane	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Trichloroethene	10	100	14 J	16 J	6 J	17 U	23	30	7 J
Dibromochloromethane	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
1,1,2-Trichloroethane	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Benzene	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
trans-1,3-Dichloropropene	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Bromoform	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
4-Methyl-2-Pentanone	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
2-Hexanone	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Tetrachloroethene	10	48	10 J	16 J	37	11 J	43	62	31
1,1,2,2-Tetrachloroethane	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Toluene	10	20 U	2 J	2 J	17 U	17 U	4 J	7 J	5 J
Chlorobenzene	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Ethylbenzene	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Styrene	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Total Xylenes	10	20 U	17 U	17 U	17 U	17 U	11 U	11 U	11 U
Dilution Factor:		1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:		49	59	59	60	60	91	91	91
Sample Volume\Weight (ml\g):		5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Associated Method Blank:		P1148.D	P1148.D	P1171.D	P1148.D	P1171.D	P1148.D	P1148.D	P1148.D
Associated Equipment Blank:		ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:		-	-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-	-

Site: WASTE-SLUDGE
U: not detected J: estimated B: blank contamination

C6

Table 1
Laboratory Report of Analysis

LOCATION:	WT-106
ISIS ID:	ENWT106XXX94XX
LAB NUMBER:	2223302 R
DATE SAMPLED:	10/05/94
DATE ANALYZED:	10/12/94

ANALYTE	SOW-3/90 - II CRQL		
Chloromethane	10	11	U
Bromomethane	10	11	U
Vinyl Chloride	10	11	U
Chloroethane	10	11	U
Methylene Chloride	10	13	B
Acetone	10	10	J
Carbon Disulfide	10	11	U
1,1-Dichloroethene	10	11	U
1,1-Dichloroethane	10	11	U
1,2-Dichloroethene (total)	10	11	U
Chloroform	10	11	U
1,2-Dichloroethane	10	11	U
2-Butanone	10	8	J
1,1,1-Trichloroethane	10	6	J
Carbon Tetrachloride	10	11	U
Bromodichloromethane	10	11	U
1,2-Dichloropropane	10	11	U
cis-1,3-Dichloropropene	10	11	U
Trichloroethene	10	12	
Dibromochloromethane	10	11	U
1,1,2-Trichloroethane	10	11	U
Benzene	10	11	U
trans-1,3-Dichloropropene	10	11	U
Bromoform	10	11	U
4-Methyl-2-Pentanone	10	11	U
2-Hexanone	10	11	U
Tetrachloroethene	10	58	
1,1,2,2-Tetrachloroethane	10	11	U
Toluene	10	11	
Chlorobenzene	10	11	U
Ethylbenzene	10	4	J
Styrene	10	11	U
Total Xylenes	10	3	J

Dilution Factor:	1.00
Percent Solids:	91
Sample Volume\Weight (ml\g):	5.00
Associated Method Blank:	P1148.D
Associated Equipment Blank:	ENQSXX1XXX94XX
Associated Field Blank:	-
Associated Trip Blank:	-

Site: WASTE-SLUDGE
U: not detected J: estimated B: blank contamination

07

Table 1
Laboratory Report of Analysis

	LOCATION:	SS-101	SS-102 DUP	SS-102
	ISIS ID:	ENSS101XXX94XX	ENSS102XXX94XD	ENSS102XXX94XX
	LAB NUMBER:	2241101	2241105	2241102
	DATE SAMPLED:	10/28/94	10/28/94	10/28/94
	DATE ANALYZED:	11/03/94	11/03/94	11/03/94
ANALYTE	SOW-3/90 - II CRQL			
Chloromethane	10	11 U	14 U	14 U
Bromomethane	10	11 U	14 U	14 U
Vinyl Chloride	10	11 U	14 U	14 U
Chloroethane	10	11 U	14 U	14 U
Methylene Chloride	10	8 JB	30 B	10 JB
Acetone	10	11 U	14 U	14 U
Carbon Disulfide	10	11 U	14 U	14 U
1,1-Dichloroethene	10	11 U	14 U	14 U
1,1-Dichloroethane	10	11 U	14 U	14 U
1,2-Dichloroethene (total)	10	11 U	14 U	14 U
Chloroform	10	11 U	14 U	14 U
1,2-Dichloroethane	10	11 U	14 U	14 U
2-Butanone	10	11 U	14 U	14 U
1,1,1-Trichloroethane	10	11 U	14 U	14 U
Carbon Tetrachloride	10	11 U	14 U	14 U
Bromodichloromethane	10	11 U	14 U	14 U
1,2-Dichloropropane	10	11 U	14 U	14 U
cis-1,3-Dichloropropene	10	11 U	14 U	14 U
Trichloroethene	10	11 U	14 U	14 U
Dibromochloromethane	10	11 U	14 U	14 U
1,1,2-Trichloroethane	10	11 U	14 U	14 U
Benzene	10	11 U	14 U	14 U
trans-1,3-Dichloropropene	10	11 U	14 U	14 U
Bromoform	10	11 U	14 U	14 U
4-Methyl-2-Pentanone	10	11 U	14 U	14 U
2-Hexanone	10	11 U	14 U	14 U
Tetrachloroethene	10	11 U	14 U	14 U
1,1,2,2-Tetrachloroethane	10	11 U	14 U	14 U
Toluene	10	11 U	14 U	14 U
Chlorobenzene	10	11 U	14 U	14 U
Ethylbenzene	10	11 U	14 U	14 U
Styrene	10	11 U	14 U	14 U
Total Xylenes	10	11 U	14 U	14 U
Dilution Factor:		1.00	1.00	1.00
Percent Solids:		90	74	74
Sample Volume\Weight (ml\g):		5.00	5.00	5.00
Associated Method Blank:		P1621.D	P1621.D	P1621.D
Associated Equipment Blank:		ENQS003XXX94XX	ENQS003XXX94XX	ENQS003XXX94XX
Associated Field Blank:		-	-	-
Associated Trip Blank:		-	-	-

Site: SURFACE SOILS
U: not detected J: estimated B: blank contamination

C8

Table 1
Laboratory Report of Analysis

	LOCATION:	BS-101		BS-102	
	ISIS ID:	ENBS101XX694XX		ENBS102XX694XX	
	LAB NUMBER:	2241106		2241107	
	DATE SAMPLED:	10/27/94		10/28/94	
	DATE ANALYZED:	11/03/94		11/03/94	
ANALYTE	SOW-3/90 - II CRQL				
Chloromethane	10	13	U	12	U
Bromomethane	10	13	U	12	U
Vinyl Chloride	10	13	U	12	U
Chloroethane	10	13	U	12	U
Methylene Chloride	10	24	B	21	B
Acetone	10	21	B	5	JB
Carbon Disulfide	10	13	U	12	U
1,1-Dichloroethene	10	13	U	12	U
1,1-Dichloroethane	10	13	U	12	U
1,2-Dichloroethene (total)	10	13	U	12	U
Chloroform	10	13	U	12	U
1,2-Dichloroethane	10	13	U	12	U
2-Butanone	10	4	J	12	U
1,1,1-Trichloroethane	10	13	U	12	U
Carbon Tetrachloride	10	13	U	12	U
Bromodichloromethane	10	13	U	12	U
1,2-Dichloropropane	10	13	U	12	U
cis-1,3-Dichloropropene	10	13	U	12	U
Trichloroethene	10	13	U	12	U
Dibromochloromethane	10	13	U	12	U
1,1,2-Trichloroethane	10	13	U	12	U
Benzene	10	13	U	12	U
trans-1,3-Dichloropropene	10	13	U	12	U
Bromoform	10	13	U	12	U
4-Methyl-2-Pentanone	10	13	U	12	U
2-Hexanone	10	13	U	12	U
Tetrachloroethene	10	13	U	12	U
1,1,2,2-Tetrachloroethane	10	13	U	12	U
Toluene	10	13	U	12	U
Chlorobenzene	10	13	U	12	U
Ethylbenzene	10	13	U	12	U
Styrene	10	13	U	12	U
Total Xylenes	10	13	U	12	U
Dilution Factor:		1.00		1.00	
Percent Solids:		77		81	
Sample Volume\Weight (ml\g):		5.00		5.00	
Associated Method Blank:		P1621.D		P1621.D	
Associated Equipment Blank:		ENQS003XXX94XX		ENQS003XXX94XX	
Associated Field Blank:		-		-	
Associated Trip Blank:		-		-	

Site: SOIL BORINGS
U: not detected B: blank contamination J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	MW-101 DUP	MW-101	MW-102	MW-103
	ISIS ID:	ENMW101XXX94XD	ENMW101XXX94XX	ENMW102XXX94XX	ENMW103XXX94XX
	LAB NUMBER:	2263804	2263801	2263805	2263806
	DATE SAMPLED:	11/30/94	11/30/94	11/30/94	11/30/94
	DATE ANALYZED:	12/02/94	12/05/94	12/02/94	12/02/94
ANALYTE	SOW-3/90 - II CRQL				
Chloromethane	10	10 U	10 U	10 U	10 U
Bromomethane	10	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U
Chloroethane	10	10 U	10 U	10 U	6 J
Methylene Chloride	10	6 JB	8 JB	10 U	10 U
Acetone	10	10 U	44	11	34
Carbon Disulfide	10	10 U	10 U	10 U	10 U
1,1-Dichloroethene	10	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10	10 U	10 U	10 U	2 J
1,2-Dichloroethene (total)	10	10 U	10 U	10 U	10 U
Chloroform	10	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10	10 U	10 U	10 U	10 U
2-Butanone	10	10 U	10 U	10 U	8 J
1,1,1-Trichloroethane	10	10 U	10 U	10 U	10 U
Carbon Tetrachloride	10	10 U	10 U	10 U	10 U
Bromodichloromethane	10	10 U	10 U	10 U	10 U
1,2-Dichloropropane	10	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U
Trichloroethene	10	10 U	10 U	10 U	10 U
Dibromochloromethane	10	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10	10 U	10 U	10 U	10 U
Benzene	10	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10	10 U	10 U	10 U	10 U
Bromoform	10	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	10	10 U	5 J	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U
Tetrachloroethene	10	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10	10 U	10 U	10 U	10 U
Toluene	10	10 U	10 U	10 U	10 U
Chlorobenzene	10	10 U	10 U	10 U	10 U
Ethylbenzene	10	10 U	10 U	10 U	10 U
Styrene	10	10 U	10 U	10 U	10 U
Total Xylenes	10	10 U	10 U	10 U	1 J
Dilution Factor:		1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):		5.00	5.00	5.00	5.00
Associated Method Blank:		N0496.D	N0519.D	N0496.D	N0496.D
Associated Equipment Blank:		ENQS004XXX94XX	ENQS004XXX94XX	ENQS004XXX94XX	ENQS004XXX94XX
Associated Field Blank:		-	-	-	-
Associated Trip Blank:		ENQT002XXX94XX	ENQT002XXX94XX	ENQT002XXX94XX	ENQT002XXX94XX

Site: MONITORING WELLS
U: not detected J: estimated B: blank contamination

10

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-003	QS-004	QS-XX1	QS-XX1
	ISIS ID:	ENQS003XXX94XX	ENQS004XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
	LAB NUMBER:	2241108	2263807	2223319	2223319 R
	DATE SAMPLED:	10/28/94	11/30/94	10/04/94	10/04/94
	DATE EXTRACTED:	11/02/94	12/06/94	10/11/94	10/11/94
	DATE ANALYZED:	12/02/94	12/22/94	11/18/94	11/18/94
ANALYTE	SOW-3/90 - II CRQL				
Phenol	10	10 U	27	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U
2,2'-oxybis(1-Chloropropane)	10	10 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U
2-Nitroaniline	25	25 U	25 U	25 U	25 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U

Site: EQUIPMENT RINSATE
U: not detected J: estimated B: blank contamination

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-003	QS-004	QS-XX1	QS-XX1
	ISIS ID:	ENQS003XXX94XX	ENQS004XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
	LAB NUMBER:	2241108	2263807	2223319	2223319 R
	DATE SAMPLED:	10/28/94	11/30/94	10/04/94	10/04/94
	DATE EXTRACTED:	11/02/94	12/06/94	10/11/94	10/11/94
	DATE ANALYZED:	12/02/94	12/22/94	11/18/94	11/18/94
ANALYTE	SOW-3/90 - II CRQL				
3-Nitroaniline	25	25 U	25 U	25 U	25 U
Acenaphthene	10	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	25	25 U	25 U	25 U	25 U
4-Nitrophenol	25	25 U	25 U	25 U	25 U
Dibenzofuran	10	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	10	10 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	10 U
4-Nitroaniline	25	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25	25 U	25 U	25 U	25 U
N-Nitrosodiphenylamine	10	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	10	10 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U
Pentachlorophenol	25	25 U	25 U	25 U	25 U
Phenanthrene	10	10 U	10 U	10 U	10 U
Anthracene	10	10 U	10 U	10 U	10 U
Carbazole	10	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	10	10 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	2 J	10 U	3 JB	2 JB
Di-n-octylphthalate	10	10 U	10 U	10 U	10 U
Benzo(b)Fluoranthene	10	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):		1000	1000	1000	1000
Associated Method Blank:		R1695.D	S2097.D	S1523.D	S1523.D
Associated Equipment Blank:		-	-	-	-
Associated Field Blank:		-	-	-	-

Site: EQUIPMENT RINSATE
U: not detected J: estimated B: blank contamination

Table 1
Laboratory Report of Analysis

	LOCATION:	CL-102 DUP	CL-102	CL-103	CL-103	CL-104	CL-104
	ISIS ID:	ENCL102XXX94XD	ENCL102XXX94XX	ENCL103XXX94XX	ENCL103XXX94XX	ENCL104XXX94XX	ENCL104XXX94XX
	LAB NUMBER:	2223317	2223314	2223318	2223318 R	2223312	2223312 D
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94
	DATE EXTRACTED:	10/11/94	10/11/94	10/11/94	10/11/94	10/11/94	10/11/94
	DATE ANALYZED:	11/18/94	11/18/94	11/18/94	11/18/94	11/18/94	11/21/94
ANALYTE	SOW-3/90 - II CRQL						
Phenol	10	50 U	50 U	50 U	50 U	50 U	200 U
bis(2-Chloroethyl)ether	10	50 U	50 U	50 U	50 U	50 U	200 U
2-Chlorophenol	10	50 U	50 U	50 U	50 U	50 U	200 U
1,3-Dichlorobenzene	10	50 U	50 U	50 U	50 U	50 U	200 U
1,4-Dichlorobenzene	10	50 U	50 U	50 U	50 U	50 U	200 U
1,2-Dichlorobenzene	10	50 U	50 U	50 U	50 U	9 J	200 U
2-Methylphenol	10	50 U	50 U	50 U	50 U	50 U	200 U
2,2'-oxybis(1-Chloropropane)	10	50 U	50 U	50 U	50 U	50 U	200 U
4-Methylphenol	10	50 U	50 U	50 U	50 U	32 J	31 JD
N-Nitroso-di-n-propylamine	10	50 U	50 U	50 U	50 U	50 U	200 U
Hexachloroethane	10	50 U	50 U	50 U	50 U	50 U	200 U
Nitrobenzene	10	50 U	50 U	50 U	50 U	50 U	200 U
Isophorone	10	50 U	50 U	50 U	50 U	50 U	200 U
2-Nitrophenol	10	50 U	50 U	50 U	50 U	50 U	200 U
2,4-Dimethylphenol	10	50 U	50 U	50 U	50 U	50 U	200 U
bis(2-Chloroethoxy)methane	10	50 U	50 U	50 U	50 U	50 U	200 U
2,4-Dichlorophenol	10	50 U	50 U	50 U	50 U	50 U	200 U
1,2,4-Trichlorobenzene	10	50 U	50 U	50 U	50 U	50 U	200 U
Naphthalene	10	50 U	50 U	50 U	50 U	14 J	200 U
4-Chloroaniline	10	50 U	50 U	50 U	50 U	50 U	200 U
Hexachlorobutadiene	10	50 U	50 U	50 U	50 U	50 U	200 U
4-Chloro-3-Methylphenol	10	50 U	50 U	50 U	50 U	50 U	200 U
2-Methylnaphthalene	10	50 U	50 U	50 U	50 U	28 J	22 JD
Hexachlorocyclopentadiene	10	50 U	50 U	50 U	50 U	50 U	200 U
2,4,6-Trichlorophenol	10	50 U	50 U	50 U	50 U	50 U	200 U
2,4,5-Trichlorophenol	25	120 U	120 U	120 U	120 U	120 U	500 U
2-Chloronaphthalene	10	50 U	50 U	50 U	50 U	50 U	200 U
2-Nitroaniline	25	120 U	120 U	120 U	120 U	120 U	500 U
Dimethylphthalate	10	50 U	50 U	50 U	5 J	50 U	200 U
Acenaphthylene	10	50 U	50 U	50 U	50 U	50 U	200 U
2,6-Dinitrotoluene	10	50 U	50 U	50 U	50 U	50 U	200 U

Site: SUMP LIQUIDS
U: not detected J: estimated D: diluted result B: blank contamination

Table 1
Laboratory Report of Analysis

	LOCATION:	CL-102 DUP	CL-102	CL-103	CL-103	CL-104	CL-104
	ISIS ID:	ENCL102XXX94XD	ENCL102XXX94XX	ENCL103XXX94XX	ENCL103XXX94XX	ENCL104XXX94XX	ENCL104XXX94XX
	LAB NUMBER:	2223317	2223314	2223318	2223318 R	2223312	2223312 D
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94
	DATE EXTRACTED:	10/11/94	10/11/94	10/11/94	10/11/94	10/11/94	10/11/94
	DATE ANALYZED:	11/18/94	11/18/94	11/18/94	11/18/94	11/18/94	11/21/94
ANALYTE	SOW-3/90 - II CRQL						
3-Nitroaniline	25	120 U	120 U	120 U	120 U	120 U	500 U
Acenaphthene	10	50 U	50 U	50 U	50 U	50 U	200 U
2,4-Dinitrophenol	25	120 U	120 U	120 U	120 U	120 U	500 U
4-Nitrophenol	25	120 U	120 U	120 U	120 U	120 U	500 U
Dibenzofuran	10	50 U	50 U	50 U	50 U	50 U	200 U
2,4-Dinitrotoluene	10	50 U	50 U	50 U	50 U	50 U	200 U
Diethylphthalate	10	50 U	50 U	50 U	7 J	50 U	200 U
4-Chlorophenyl-phenylether	10	50 U	50 U	50 U	50 U	50 U	200 U
Fluorene	10	50 U	50 U	50 U	50 U	50 U	200 U
4-Nitroaniline	25	120 U	120 U	120 U	120 U	120 U	500 U
4,6-Dinitro-2-methylphenol	25	120 U	120 U	120 U	120 U	120 U	500 U
N-Nitrosodiphenylamine	10	50 U	50 U	50 U	50 U	50 U	200 U
4-Bromophenyl-phenylether	10	50 U	50 U	50 U	50 U	50 U	200 U
Hexachlorobenzene	10	50 U	50 U	50 U	50 U	50 U	200 U
Pentachlorophenol	25	120 U	120 U	120 U	120 U	560 E	180 JD
Phenanthrene	10	50 U	50 U	50 U	50 U	50 U	200 U
Anthracene	10	50 U	50 U	50 U	50 U	50 U	200 U
Carbazole	10	50 U	50 U	50 U	50 U	50 U	200 U
Di-n-butylphthalate	10	50 U	50 U	50 U	50 U	50 U	200 U
Fluoranthene	10	50 U	50 U	50 U	50 U	50 U	200 U
Pyrene	10	6 J	50 U	50 U	50 U	50 U	200 U
Butylbenzylphthalate	10	38 J	38 J	50 U	50 U	20 J	30 JD
3,3'-Dichlorobenzidine	10	50 U	50 U	50 U	50 U	50 U	200 U
Benzo(a)Anthracene	10	50 U	50 U	50 U	50 U	50 U	200 U
Chrysene	10	50 U	50 U	50 U	50 U	50 U	200 U
bis(2-Ethylhexyl)phthalate	10	380 B	290 B	11 JB	20 JB	330 B	400 BD
Di-n-octylphthalate	10	130	40 J	50 U	8 J	15 J	63 JD
Benzo(b)Fluoranthene	10	50 U	50 U	50 U	50 U	50 U	200 U
Benzo(k)Fluoranthene	10	50 U	50 U	50 U	50 U	50 U	200 U
Benzo(a)Pyrene	10	50 U	50 U	50 U	50 U	50 U	200 U
Indeno(1,2,3-c,d)Pyrene	10	50 U	50 U	50 U	50 U	50 U	200 U
Dibenz(a,h)Anthracene	10	50 U	50 U	50 U	50 U	50 U	200 U
Benzo(g,h,i)perylene	10	50 U	50 U	50 U	50 U	50 U	200 U
Dilution Factor:		5.00	5.00	5.00	5.00	5.00	20.0
Sample Volume\Weight (ml\g):		1000	1000	1000	1000	1000	1000
Associated Method Blank:		S1523.D	S1523.D	S1523.D	S1523.D	S1523.D	S1523.D
Associated Equipment Blank:		-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-

Site: SUMP LIQUIDS
U: not detected J: estimated D: diluted result B: blank contamination

Table 1
Laboratory Report of Analysis

	LOCATION:	CD-101		CD-103	
	ISIS ID:	ENCD101XXX94XX		ENCD103XXX94XX	
	LAB NUMBER:	2223303		2223304	
	DATE SAMPLED:	10/04/94		10/04/94	
	DATE EXTRACTED:	10/08/94		10/08/94	
	DATE ANALYZED:	11/17/94		11/17/94	
ANALYTE	SOW-3/90 - II CRQL				
Phenol	330	21000	U	30000	U
bis(2-Chloroethyl)ether	330	21000	U	30000	U
2-Chlorophenol	330	21000	U	30000	U
1,3-Dichlorobenzene	330	21000	U	30000	U
1,4-Dichlorobenzene	330	21000	U	30000	U
1,2-Dichlorobenzene	330	21000	U	30000	U
2-Methylphenol	330	21000	U	30000	U
2,2'-oxybis(1-Chloropropane)	330	21000	U	30000	U
4-Methylphenol	330	21000	U	30000	U
N-Nitroso-di-n-propylamine	330	21000	U	30000	U
Hexachloroethane	330	21000	U	30000	U
Nitrobenzene	330	21000	U	30000	U
Isophorone	330	21000	U	30000	U
2-Nitrophenol	330	21000	U	30000	U
2,4-Dimethylphenol	330	21000	U	30000	U
bis(2-Chloroethoxy)methane	330	21000	U	30000	U
2,4-Dichlorophenol	330	21000	U	30000	U
1,2,4-Trichlorobenzene	330	21000	U	30000	U
Naphthalene	330	21000	U	30000	U
4-Chloroaniline	330	21000	U	30000	U
Hexachlorobutadiene	330	21000	U	30000	U
4-Chloro-3-Methylphenol	330	21000	U	30000	U
2-Methylnaphthalene	330	21000	U	30000	U
Hexachlorocyclopentadiene	330	21000	U	30000	U
2,4,6-Trichlorophenol	330	21000	U	30000	U
2,4,5-Trichlorophenol	800	50000	U	73000	U
2-Chloronaphthalene	330	21000	U	30000	U
2-Nitroaniline	800	50000	U	73000	U
Dimethylphthalate	330	21000	U	30000	U
Acenaphthylene	330	21000	U	30000	U
2,6-Dinitrotoluene	330	21000	U	30000	U

Site: SUMP SEDIMENTS
U: not detected J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	CD-101		CD-103	
	ISIS ID:	ENCD101XXX94XX		ENCD103XXX94XX	
	LAB NUMBER:	2223303		2223304	
	DATE SAMPLED:	10/04/94		10/04/94	
	DATE EXTRACTED:	10/08/94		10/08/94	
	DATE ANALYZED:	11/17/94		11/17/94	
ANALYTE	SOW-3/90 - II CRQL				
3-Nitroaniline	800	50000	U	73000	U
Acenaphthene	330	21000	U	30000	U
2,4-Dinitrophenol	800	50000	U	73000	U
4-Nitrophenol	800	50000	U	73000	U
Dibenzofuran	330	21000	U	30000	U
2,4-Dinitrotoluene	330	21000	U	30000	U
Diethylphthalate	330	21000	U	30000	U
4-Chlorophenyl-phenylether	330	21000	U	30000	U
Fluorene	330	21000	U	30000	U
4-Nitroaniline	800	50000	U	73000	U
4,6-Dinitro-2-methylphenol	800	50000	U	73000	U
N-Nitrosodiphenylamine	330	21000	U	30000	U
4-Bromophenyl-phenylether	330	21000	U	30000	U
Hexachlorobenzene	330	21000	U	30000	U
Pentachlorophenol	800	50000	U	73000	U
Phenanthrene	330	21000	U	30000	U
Anthracene	330	21000	U	30000	U
Carbazole	330	21000	U	30000	U
Di-n-butylphthalate	330	21000	U	30000	U
Fluoranthene	330	21000	U	30000	U
Pyrene	330	21000	U	30000	U
Butylbenzylphthalate	330	3000	J	30000	U
3,3'-Dichlorobenzidine	330	21000	U	30000	U
Benzo(a)Anthracene	330	21000	U	30000	U
Chrysene	330	21000	U	30000	U
bis(2-Ethylhexyl)phthalate	330	46000		6900	J
Di-n-octylphthalate	330	21000	U	30000	U
Benzo(b)Fluoranthene	330	21000	U	30000	U
Benzo(k)Fluoranthene	330	21000	U	30000	U
Benzo(a)Pyrene	330	21000	U	30000	U
Indeno(1,2,3-c,d)Pyrene	330	21000	U	30000	U
Dibenz(a,h)Anthracene	330	21000	U	30000	U
Benzo(g,h,i)perylene	330	21000	U	30000	U
Dilution Factor:		20.0		50.0	
Percent Solids:		32		55	
Sample Volume\Weight (ml\g):		30.0		30.0	
Associated Method Blank:		S1503.D		S1503.D	
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:		-		-	

Site: SUMP SEDIMENTS
U: not detected J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	WT-101 DUP	WT-101	WT-102	WT-103	WT-104	WT-105	WT-106	WT-106
	ISIS ID:	ENWT101XXX94XD	ENWT101XXX94XX	ENWT102XXX94XX	ENWT103XXX94XX	ENWT104XXX94XX	ENWT105XXX94XX	ENWT106XXX94XX	ENWT106XXX94XX
	LAB NUMBER:	2223309	2223306	2223305	2223310	2223311	2223301	2223302	2223302 R
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94	10/05/94
	DATE EXTRACTED:	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94
	DATE ANALYZED:	11/17/94	11/17/94	11/17/94	11/17/94	11/17/94	11/17/94	11/17/94	11/17/94
ANALYTE	SOW-3/90 - II CRQL								
Phenol	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
bis(2-Chloroethyl)ether	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2-Chlorophenol	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
1,3-Dichlorobenzene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
1,4-Dichlorobenzene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
1,2-Dichlorobenzene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2-Methylphenol	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2,2'-oxybis(1-Chloropropane)	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
4-Methylphenol	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
N-Nitroso-di-n-propylamine	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Hexachloroethane	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Nitrobenzene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Isophorone	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2-Nitrophenol	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2,4-Dimethylphenol	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
bis(2-Chloroethoxy)methane	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2,4-Dichlorophenol	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
1,2,4-Trichlorobenzene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Naphthalene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
4-Chloroaniline	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Hexachlorobutadiene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
4-Chloro-3-Methylphenol	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2-Methylnaphthalene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Hexachlorocyclopentadiene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2,4,6-Trichlorophenol	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2,4,5-Trichlorophenol	800	19000 U	360000 U	170000 U	27000 U	27000 U	18000 U	88000 U	88000 U
2-Chloronaphthalene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2-Nitroaniline	800	19000 U	360000 U	170000 U	27000 U	27000 U	18000 U	88000 U	88000 U
Dimethylphthalate	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Acenaphthylene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2,6-Dinitrotoluene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U

Site: WASTE-SLUDGE
U: not detected J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	WT-101 DUP	WT-101	WT-102	WT-103	WT-104	WT-105	WT-106	WT-106
	ISIS ID:	ENWT101XXX94XD	ENWT101XXX94XX	ENWT102XXX94XX	ENWT103XXX94XX	ENWT104XXX94XX	ENWT105XXX94XX	ENWT106XXX94XX	ENWT106XXX94XX
	LAB NUMBER:	2223309	2223306	2223305	2223310	2223311	2223301	2223302	2223302 R
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94	10/05/94
	DATE EXTRACTED:	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94
	DATE ANALYZED:	11/17/94	11/17/94	11/17/94	11/17/94	11/17/94	11/17/94	11/17/94	11/17/94
ANALYTE	SOW-3/90 - II CRQL								
3-Nitroaniline	800	19000 U	360000 U	170000 U	27000 U	27000 U	18000 U	88000 U	88000 U
Acenaphthene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2,4-Dinitrophenol	800	19000 U	360000 U	170000 U	27000 U	27000 U	18000 U	88000 U	88000 U
4-Nitrophenol	800	19000 U	360000 U	170000 U	27000 U	27000 U	18000 U	88000 U	88000 U
Dibenzofuran	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
2,4-Dinitrotoluene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Diethylphthalate	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
4-Chlorophenyl-phenylether	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Fluorene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
4-Nitroaniline	800	19000 U	360000 U	170000 U	27000 U	27000 U	18000 U	88000 U	88000 U
4,6-Dinitro-2-methylphenol	800	19000 U	360000 U	170000 U	27000 U	27000 U	18000 U	88000 U	88000 U
N-Nitrosodiphenylamine	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
4-Bromophenyl-phenylether	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Hexachlorobenzene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Pentachlorophenol	800	19000 U	360000 U	170000 U	27000 U	27000 U	18000 U	7400 J	8300 J
Phenanthrene	330	1100 J	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Anthracene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Carbazole	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Di-n-butylphthalate	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Fluoranthene	330	940 J	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Pyrene	330	1800 J	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Butylbenzylphthalate	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
3,3'-Dichlorobenzidine	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Benzo(a)Anthracene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Chrysene	330	940 J	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
bis(2-Ethylhexyl)phthalate	330	4400 J	25000 J	7900 J	11000 U	1900 J	7300 U	37000 U	37000 U
Di-n-octylphthalate	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Benzo(b)Fluoranthene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Benzo(k)Fluoranthene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Benzo(a)Pyrene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Indeno(1,2,3-c,d)Pyrene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Dibenz(a,h)Anthracene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Benzo(g,h,i)perylene	330	7900 U	150000 U	69000 U	11000 U	11000 U	7300 U	37000 U	37000 U
Dilution Factor:		20.0	400	100	20.0	20.0	20.0	100	100
Percent Solids:		84	88	48	59	60	91	91	91
Sample Volume\Weight (ml\g):		30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Associated Method Blank:		S1503.D	S1503.D	S1503.D	S1503.D	S1503.D	S1503.D	S1503.D	S1503.D
Associated Equipment Blank:		ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: WASTE-SLUDGE
U: not detected J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	SS-101		SS-102 DUP		SS-102	
	ISIS ID:	ENSS101XXX94XX		ENSS102XXX94XD		ENSS102XXX94XX	
	LAB NUMBER:	2241101		2241105		2241102	
	DATE SAMPLED:	10/28/94		10/28/94		10/28/94	
	DATE EXTRACTED:	11/01/94		11/01/94		11/01/94	
	DATE ANALYZED:	12/03/94		12/03/94		12/03/94	
ANALYTE	SOW-3/90 - II CRQL						
Phenol	330	1800	U	900	U	900	U
bis(2-Chloroethyl)ether	330	1800	U	900	U	900	U
2-Chlorophenol	330	1800	U	900	U	900	U
1,3-Dichlorobenzene	330	1800	U	900	U	900	U
1,4-Dichlorobenzene	330	1800	U	900	U	900	U
1,2-Dichlorobenzene	330	1800	U	900	U	900	U
2-Methylphenol	330	1800	U	900	U	900	U
2,2'-oxybis(1-Chloropropane)	330	1800	U	900	U	900	U
4-Methylphenol	330	1800	U	900	U	900	U
N-Nitroso-di-n-propylamine	330	1800	U	900	U	900	U
Hexachloroethane	330	1800	U	900	U	900	U
Nitrobenzene	330	1800	U	900	U	900	U
Isophorone	330	1800	U	900	U	900	U
2-Nitrophenol	330	1800	U	900	U	900	U
2,4-Dimethylphenol	330	1800	U	900	U	900	U
bis(2-Chloroethoxy)methane	330	1800	U	900	U	900	U
2,4-Dichlorophenol	330	1800	U	900	U	900	U
1,2,4-Trichlorobenzene	330	1800	U	900	U	900	U
Naphthalene	330	1800	U	900	U	900	U
4-Chloroaniline	330	1800	U	900	U	900	U
Hexachlorobutadiene	330	1800	U	900	U	900	U
4-Chloro-3-Methylphenol	330	1800	U	900	U	900	U
2-Methylnaphthalene	330	1800	U	900	U	900	U
Hexachlorocyclopentadiene	330	1800	U	900	U	900	U
2,4,6-Trichlorophenol	330	1800	U	900	U	900	U
2,4,5-Trichlorophenol	800	4400	U	2200	U	2200	U
2-Chloronaphthalene	330	1800	U	900	U	900	U
2-Nitroaniline	800	4400	U	2200	U	2200	U
Dimethylphthalate	330	1800	U	900	U	900	U
Acenaphthylene	330	1800	U	900	U	900	U
2,6-Dinitrotoluene	330	1800	U	900	U	900	U

Site: SURFACE SOILS
U: not detected J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	SS-101		SS-102 DUP		SS-102	
	ISIS ID:	ENSS101XXX94XX		ENSS102XXX94XD		ENSS102XXX94XX	
	LAB NUMBER:	2241101		2241105		2241102	
	DATE SAMPLED:	10/28/94		10/28/94		10/28/94	
	DATE EXTRACTED:	11/01/94		11/01/94		11/01/94	
	DATE ANALYZED:	12/03/94		12/03/94		12/03/94	
ANALYTE	SOW-3/90 - II CRQL						
3-Nitroaniline	800	4400	U	2200	U	2200	U
Acenaphthene	330	470	J	900	U	900	U
2,4-Dinitrophenol	800	4400	U	2200	U	2200	U
4-Nitrophenol	800	4400	U	2200	U	2200	U
Dibenzofuran	330	290	J	900	U	900	U
2,4-Dinitrotoluene	330	1800	U	900	U	900	U
Diethylphthalate	330	1800	U	900	U	900	U
4-Chlorophenyl-phenylether	330	1800	U	900	U	900	U
Fluorene	330	560	J	900	U	900	U
4-Nitroaniline	800	4400	U	2200	U	2200	U
4,6-Dinitro-2-methylphenol	800	4400	U	2200	U	2200	U
N-Nitrosodiphenylamine	330	1800	U	900	U	900	U
4-Bromophenyl-phenylether	330	1800	U	900	U	900	U
Hexachlorobenzene	330	1800	U	900	U	900	U
Pentachlorophenol	800	4400	U	2200	U	2200	U
Phenanthrene	330	6100		220	J	450	J
Anthracene	330	1100	J	900	U	900	U
Carbazole	330	640	J	900	U	900	U
Di-n-butylphthalate	330	1800	U	900	U	900	U
Fluoranthene	330	9400		320	J	680	J
Pyrene	330	7900		300	J	620	J
Butylbenzylphthalate	330	1800	U	900	U	900	U
3,3'-Dichlorobenzidine	330	1800	U	900	U	900	U
Benzo(a)Anthracene	330	3900		160	J	350	J
Chrysene	330	4400		200	J	450	J
bis(2-Ethylhexyl)phthalate	330	1800	U	900	U	900	U
Di-n-octylphthalate	330	1800	U	900	U	900	U
Benzo(b)Fluoranthene	330	3200		130	J	270	J
Benzo(k)Fluoranthene	330	2100		900	U	170	J
Benzo(a)Pyrene	330	2400		95	J	210	J
Indeno(1,2,3-c,d)Pyrene	330	720	J	900	U	120	J
Dibenz(a,h)Anthracene	330	1800	U	900	U	900	U
Benzo(g,h,i)perylene	330	600	J	900	U	120	J
Dilution Factor:		5.00		2.00		2.00	
Percent Solids:		90		74		74	
Sample Volume\Weight (ml\g):		30.0		30.0		30.0	
Associated Method Blank:		R1715.D		R1715.D		R1715.D	
Associated Equipment Blank:		ENQS003XXX94XX		ENQS003XXX94XX		ENQS003XXX94XX	
Associated Field Blank:		-		-		-	

Site: SURFACE SOILS
U: not detected J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	BS-101		BS-102	
	ISIS ID:	ENBS101XX694XX		ENBS102XX694XX	
	LAB NUMBER:	2241106		2241107	
	DATE SAMPLED:	10/27/94		10/28/94	
	DATE EXTRACTED:	11/01/94		11/01/94	
	DATE ANALYZED:	12/03/94		12/03/94	
ANALYTE	SOW-3/90 - II CRQL				
Phenol	330	860	U	410	U
bis(2-Chloroethyl)ether	330	860	U	410	U
2-Chlorophenol	330	860	U	410	U
1,3-Dichlorobenzene	330	860	U	410	U
1,4-Dichlorobenzene	330	860	U	410	U
1,2-Dichlorobenzene	330	860	U	410	U
2-Methylphenol	330	860	U	410	U
2,2'-oxybis(1-Chloropropane)	330	860	U	410	U
4-Methylphenol	330	860	U	410	U
N-Nitroso-di-n-propylamine	330	860	U	410	U
Hexachloroethane	330	860	U	410	U
Nitrobenzene	330	860	U	410	U
Isophorone	330	860	U	410	U
2-Nitrophenol	330	860	U	410	U
2,4-Dimethylphenol	330	860	U	410	U
bis(2-Chloroethoxy)methane	330	860	U	410	U
2,4-Dichlorophenol	330	860	U	410	U
1,2,4-Trichlorobenzene	330	860	U	410	U
Naphthalene	330	860	U	410	U
4-Chloroaniline	330	860	U	410	U
Hexachlorobutadiene	330	860	U	410	U
4-Chloro-3-Methylphenol	330	860	U	410	U
2-Methylnaphthalene	330	860	U	410	U
Hexachlorocyclopentadiene	330	860	U	410	U
2,4,6-Trichlorophenol	330	860	U	410	U
2,4,5-Trichlorophenol	800	2100	U	990	U
2-Chloronaphthalene	330	860	U	410	U
2-Nitroaniline	800	2100	U	990	U
Dimethylphthalate	330	860	U	410	U
Acenaphthylene	330	860	U	410	U
2,6-Dinitrotoluene	330	860	U	410	U

Site: SOIL BORINGS
U: not detected J: estimated

Table 1
Laboratory Report of Analysis

		LOCATION:	BS-101		BS-102
		ISIS ID:	ENBS101XX694XX		ENBS102XX694XX
		LAB NUMBER:	2241106		2241107
		DATE SAMPLED:	10/27/94		10/28/94
		DATE EXTRACTED:	11/01/94		11/01/94
		DATE ANALYZED:	12/03/94		12/03/94
ANALYTE	SOW-3/90 - II CRQL				
3-Nitroaniline	800		2100	U	990 U
Acenaphthene	330		860	U	410 U
2,4-Dinitrophenol	800		2100	U	990 U
4-Nitrophenol	800		2100	U	990 U
Dibenzofuran	330		860	U	410 U
2,4-Dinitrotoluene	330		860	U	410 U
Diethylphthalate	330		860	U	410 U
4-Chlorophenyl-phenylether	330		860	U	410 U
Fluorene	330		860	U	410 U
4-Nitroaniline	800		2100	U	990 U
4,6-Dinitro-2-methylphenol	800		2100	U	990 U
N-Nitrosodiphenylamine	330		860	U	410 U
4-Bromophenyl-phenylether	330		860	U	410 U
Hexachlorobenzene	330		860	U	410 U
Pentachlorophenol	800		2100	U	990 U
Phenanthrene	330		300	J	110 J
Anthracene	330		860	U	410 U
Carbazole	330		860	U	410 U
Di-n-butylphthalate	330		860	U	410 U
Fluoranthene	330		260	J	200 J
Pyrene	330		240	J	180 J
Butylbenzylphthalate	330		860	U	410 U
3,3'-Dichlorobenzidine	330		860	U	410 U
Benzo(a)Anthracene	330		130	J	100 J
Chrysene	330		140	J	120 J
bis(2-Ethylhexyl)phthalate	330		860	U	110 J
Di-n-octylphthalate	330		860	U	410 U
Benzo(b)Fluoranthene	330		860	U	85 J
Benzo(k)Fluoranthene	330		860	U	61 J
Benzo(a)Pyrene	330		860	U	65 J
Indeno(1,2,3-c,d)Pyrene	330		860	U	44 J
Dibenz(a,h)Anthracene	330		860	U	410 U
Benzo(g,h,i)perylene	330		860	U	45 J
		Dilution Factor:	2.00		1.00
		Percent Solids:	77		81
		Sample Volume\Weight (ml\g):	30.0		30.0
		Associated Method Blank:	R1715.D		R1715.D
		Associated Equipment Blank:	ENQS003XXX94XX		ENQS003XXX94XX
		Associated Field Blank:	-		-

Site: SOIL BORINGS
U: not detected J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	MW-101 DUP	MW-101	MW-102	MW-103
	ISIS ID:	ENMW101XXX94XD	ENMW101XXX94XX	ENMW102XXX94XX	ENMW103XXX94XX
	LAB NUMBER:	2263804	2263801	2263805	2263806
	DATE SAMPLED:	11/30/94	11/30/94	11/30/94	11/30/94
	DATE EXTRACTED:	12/06/94	12/06/94	12/06/94	12/06/94
	DATE ANALYZED:	12/22/94	12/22/94	12/22/94	12/22/94
ANALYTE	SOW-3/90 - II CRQL				
Phenol	10	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	2 J
2,2'-oxybis(1-Chloropropane)	10	10 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	15
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	1 J
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	14
4-Chloroaniline	10	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	4 J
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U
2-Nitroaniline	25	25 U	25 U	25 U	25 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U

Site: MONITORING WELLS
U: not detected J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	MW-101 DUP	MW-101	MW-102	MW-103
	ISIS ID:	ENMW101XXX94XD	ENMW101XXX94XX	ENMW102XXX94XX	ENMW103XXX94XX
	LAB NUMBER:	2263804	2263801	2263805	2263806
	DATE SAMPLED:	11/30/94	11/30/94	11/30/94	11/30/94
	DATE EXTRACTED:	12/06/94	12/06/94	12/06/94	12/06/94
	DATE ANALYZED:	12/22/94	12/22/94	12/22/94	12/22/94
ANALYTE	SOW-3/90 - II CRQL				
3-Nitroaniline	25	25 U	25 U	25 U	25 U
Acenaphthene	10	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	25	25 U	25 U	25 U	25 U
4-Nitrophenol	25	25 U	25 U	25 U	25 U
Dibenzofuran	10	10 U	10 U	10 U	1 J
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	10	10 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	2 J
4-Nitroaniline	25	25 U	25 U	25 U	25 U
4,6-Dinitro-2-methylphenol	25	25 U	25 U	25 U	25 U
N-Nitrosodiphenylamine	10	10 U	10 U	10 U	29
4-Bromophenyl-phenylether	10	10 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U
Pentachlorophenol	25	25 U	25 U	25 U	25 U
Phenanthrene	10	10 U	10 U	10 U	2 J
Anthracene	10	10 U	10 U	10 U	10 U
Carbazole	10	10 U	10 U	10 U	2 J
Di-n-butylphthalate	10	10 U	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	10	10 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	10 U	10 U	2 J	10 U
Di-n-octylphthalate	10	10 U	10 U	10 U	10 U
Benzo(b)Fluoranthene	10	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):		1000	1000	1000	1000
Associated Method Blank:		S2097.D	S2097.D	S2097.D	S2097.D
Associated Equipment Blank:		ENQS004XXX94XX	ENQS004XXX94XX	ENQS004XXX94XX	ENQS004XXX94XX
Associated Field Blank:		-	-	-	-

Site: MONITORING WELLS
U: not detected J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-003	QS-004	QS-XX1	QS-2
	ISIS ID:	ENQS003XXX94XX	ENQS004XXX94XX	ENQSXX1XXX94XX	ENQSXX2XXX94XX
	LAB NUMBER:	2241108	2263807	2223319	2223313
	DATE SAMPLED:	10/28/94	11/30/94	10/04/94	10/04/94
	DATE EXTRACTED:	11/01/94	12/03/94	10/08/94	10/08/94
	DATE ANALYZED:	12/07/94	12/12/94	10/29/94	10/29/94
ANALYTE	SOW-3/90 - II CRQL				
alpha-BHC	0.05	0.05 U	0.05 U	0.056 U	0.05 U
beta-BHC	0.05	0.05 U	0.05 U	0.056 U	0.05 U
delta-BHC	0.05	0.05 U	0.05 U	0.056 U	0.05 U
gamma-BHC (Lindane)	0.05	0.05 U	0.05 U	0.056 U	0.05 U
Heptachlor	0.05	0.05 U	0.05 U	0.056 U	0.05 U
Aldrin	0.05	0.05 U	0.05 U	0.056 U	0.05 U
Heptachlor Epoxide	0.05	0.05 U	0.05 U	0.056 U	0.05 U
Endosulfan I	0.05	0.05 U	0.05 U	0.056 U	0.05 U
Dieldrin	0.1	0.1 U	0.1 U	0.11 U	0.1 U
4,4'-DDE	0.1	0.1 U	0.1 U	0.11 U	0.1 U
Endrin	0.1	0.1 U	0.1 U	0.11 U	0.1 U
Endosulfan II	0.1	0.1 U	0.1 U	0.11 U	0.1 U
4,4'-DDD	0.1	0.1 U	0.1 U	0.11 U	0.1 U
Endrin Aldehyde	0.1	0.1 U	0.1 U	0.11 U	0.1 U
Endosulfan Sulfate	0.1	0.1 U	0.1 U	0.11 U	0.1 U
4,4'-DDT	0.1	0.1 U	0.1 U	0.11 U	0.1 U
Methoxychlor	0.5	0.5 U	0.5 U	0.56 U	0.5 U
Endrin Ketone	0.1	0.1 U	0.1 U	0.11 U	0.1 U
alpha-Chlordane	0.05	0.05 U	0.05 U	0.056 U	0.05 U
gamma-Chlordane	0.05	0.05 U	0.05 U	0.056 U	0.05 U
Toxaphene	5	5.0 U	5.0 U	5.6 U	5.0 U
Aroclor-1016	1	1.0 U	1.0 U	1.1 U	1.0 U
Aroclor-1221	2	2.0 U	2.0 U	2.2 U	2.0 U
Aroclor-1232	1	1.0 U	1.0 U	1.1 U	1.0 U
Aroclor-1242	1	1.0 U	1.0 U	1.1 U	1.0 U
Aroclor-1248	1	1.0 U	1.0 U	1.1 U	1.0 U
Aroclor-1254	1	1.0 U	1.0 U	1.1 U	1.0 U
Aroclor-1260	1	1.0 U	1.0 U	1.1 U	1.0 U
Dilution Factor:		1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):		1000	1000	900	1000
Associated Method Blank:		PWB1101A1	PWB1203A	PWB1008B	PWB1008B
Associated Equipment Blank:		-	-	-	-
Associated Field Blank:		-	-	-	-

Site: EQUIPMENT RINSATE
U: not detected

Table 1
Laboratory Report of Analysis

	LOCATION:	CL-102 DUP	CL-102	CL-103	CL-104	CL-104
	ISIS ID:	ENCL102XXX94XD	ENCL102XXX94XX	ENCL103XXX94XX	ENCL104XXX94XX	ENCL104XXX94XX
	LAB NUMBER:	2223317	2223314	2223318	2223312	2223312 D
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94
	DATE EXTRACTED:	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94
	DATE ANALYZED:	10/29/94	10/29/94	10/29/94	11/04/94	11/04/94
ANALYTE	SOW-3/90 - II CRQL					
alpha-BHC	0.05	0.056 U	0.05 U	0.05 U	0.05 U	0.5 U
beta-BHC	0.05	0.056 U	0.05 U	0.05 U	0.05 U	0.5 U
delta-BHC	0.05	0.056 U	0.05 U	0.05 U	0.05 U	0.5 U
gamma-BHC (Lindane)	0.05	0.056 U	0.05 U	0.05 U	0.05 U	0.5 U
Heptachlor	0.05	0.056 U	0.05 U	0.05 U	0.05 U	0.5 U
Aldrin	0.05	0.056 U	0.05 U	0.05 U	0.05 U	0.5 U
Heptachlor Epoxide	0.05	0.056 U	0.05 U	0.05 U	0.05 U	0.5 U
Endosulfan I	0.05	0.056 U	0.05 U	0.05 U	0.05 U	0.5 U
Dieldrin	0.1	0.11 U	0.1 U	0.1 U	0.1 U	1.0 U
4,4'-DDE	0.1	0.11 U	0.1 U	0.1 U	0.63 P	0.99 JP
Endrin	0.1	0.11 U	0.1 U	0.1 U	0.1 U	1.0 U
Endosulfan II	0.1	0.11 U	0.1 U	0.1 U	0.31	1.0 U
4,4'-DDD	0.1	0.11 U	0.1 U	0.1 U	0.17 P	1.0 U
Endrin Aldehyde	0.1	0.11 U	0.13 P	0.1 U	0.88 P	1.0 U
Endosulfan Sulfate	0.1	0.11 U	0.1 U	0.1 U	0.1 U	1.0 U
4,4'-DDT	0.1	0.11 U	0.1 U	0.1 U	0.1 U	1.0 U
Methoxychlor	0.5	0.56 U	0.5 U	0.5 U	0.5 U	5.0 U
Endrin Ketone	0.1	0.11 U	0.1 U	0.1 U	0.1 U	1.0 U
alpha-Chlordane	0.05	0.056 U	0.05 U	0.05 U	0.038 JP	0.5 U
gamma-Chlordane	0.05	0.056 U	0.05 U	0.05 U	0.085	0.5 U
Toxaphene	5	5.6 U	5.0 U	5.0 U	5.0 U	50 U
Aroclor-1016	1	1.1 U	1.0 U	1.0 U	1.0 U	10 U
Aroclor-1221	2	2.2 U	2.0 U	2.0 U	2.0 U	20 U
Aroclor-1232	1	1.1 U	1.0 U	1.0 U	1.0 U	10 U
Aroclor-1242	1	1.1 U	1.0 U	1.0 U	1.0 U	10 U
Aroclor-1248	1	1.1 U	1.0 U	1.0 U	1.0 U	10 U
Aroclor-1254	1	1.1 U	1.0 U	1.0 U	1.0 U	10 U
Aroclor-1260	1	1.1 U	1.0 U	1.0 U	1.0 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00	10.0
Sample Volume\Weight (ml\g):		900	1000	1000	1000	1000
Associated Method Blank:		PWB1008B	PWB1008B	PWB1008B	PBW1008A2	PBW1008A2
Associated Equipment Blank:		ENQSXX2XXX94XX	ENQSXX2XXX94XX	ENQSXX2XXX94XX	ENQSXX2XXX94XX	ENQSXX2XXX94XX
Associated Field Blank:		-	-	-	-	-

Site: SUMP LIQUIDS
U: not detected P: >25% difference between columns J: estimated

Table 1
Laboratory Report of Analysis

	LOCATION:	CD-101		CD-103		
	ISIS ID:	ENCD101XXX94XX		ENCD103XXX94XX		
	LAB NUMBER:	2223303		2223304		
	DATE SAMPLED:	10/04/94		10/04/94		
	DATE EXTRACTED:	10/08/94		10/08/94		
	DATE ANALYZED:	11/13/94		11/13/94		
ANALYTE	SOW-3/90 - II CRQL					
alpha-BHC	1.7	45	P	6.2	U	
beta-BHC	1.7	27	U	6.2	U	
delta-BHC	1.7	27	U	6.2	U	
gamma-BHC (Lindane)	1.7	29	P	6.2		
Heptachlor	1.7	27	U	6.2	U	
Aldrin	1.7	27	U	6.2	U	
Heptachlor Epoxide	1.7	27	U	8.7		
Endosulfan I	1.7	27	U	6.2	U	
Dieldrin	3.3	52	U	12	U	
4,4'-DDE	3.3	52	U	12	U	
Endrin	3.3	52	U	12	U	
Endosulfan II	3.3	52	U	12	U	
4,4'-DDD	3.3	52	U	17	P	
Endrin Aldehyde	3.3	52	U	12	U	
Endosulfan Sulfate	3.3	52	U	12	U	
4,4'-DDT	3.3	52	U	12	U	
Methoxychlor	17	270	U	62	U	
Endrin Ketone	3.3	52	U	12	U	
alpha-Chlordane	1.7	27	U	6.2	U	
gamma-Chlordane	1.7	27	U	6.2	U	
Toxaphene	170	2700	U	620	U	
Aroclor-1016	33	520	U	120	U	
Aroclor-1221	67	1000	U	240	U	
Aroclor-1232	33	520	U	120	U	
Aroclor-1242	33	520	U	120	U	
Aroclor-1248	33	520	U	120	U	
Aroclor-1254	33	520	U	120	U	
Aroclor-1260	33	520	U	120	U	
Dilution Factor:		5.00		2.00		
Percent Solids:		32		55		
Sample Volume\Weight (ml\g):		30.0		30.0		
Associated Method Blank:		PSB1008B		PSB1008B		
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX		
Associated Field Blank:		-		-		

Site: SUMP SEDIMENTS
U: not detected P: >25% difference between columns

Table 1
Laboratory Report of Analysis

	LOCATION:	WT-101 DUP	WT-101	WT-102	WT-103	WT-104	WT-105	WT-106	WT-106
	ISIS ID:	ENWT101XXX94XD	ENWT101XXX94XX	ENWT102XXX94XX	ENWT103XXX94XX	ENWT104XXX94XX	ENWT105XXX94XX	ENWT106XXX94XX	ENWT106XXX94XX
	LAB NUMBER:	2223309	2223306	2223305	2223310	2223311	2223301	2223302	2223302 D
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94	10/05/94
	DATE EXTRACTED:	10/25/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94
	DATE ANALYZED:	12/02/94	11/13/94	11/13/94	11/13/94	11/13/94	11/13/94	11/14/94	11/17/94
ANALYTE	SOW-3/90 - II CRQL								
alpha-BHC	1.7	2.0 U	170 P	18 U	29 U	14 U	1.9 U	25 P	37 U
beta-BHC	1.7	2.0 U	97 U	18 U	29 U	14 U	1.9 U	9.3 U	1000 DPE
delta-BHC	1.7	2.0 U	97 U	18 U	29 U	14 U	1.9 U	130 P	37 U
gamma-BHC (Lindane)	1.7	2.0 U	180 P	18 U	29 P	14 U	1.9 U	230 PE	37 U
Heptachlor	1.7	10 P	97 U	18 U	29 U	14 U	3.7 P	9.3 U	37 U
Aldrin	1.7	2.0 U	92 JP	28 P	48 P	14 U	1.9 U	9.3 U	37 U
Heptachlor Epoxide	1.7	2.0 U	280 P	18 U	29 U	14 U	6.2 P	9.3 U	37 U
Endosulfan I	1.7	5.2 P	250 P	18 U	96	16 P	5.9 P	79 P	37 U
Dieldrin	3.3	3.9 U	190 U	34 U	71 P	27 JP	3.4 JP	31 P	73 U
4,4'-DDE	3.3	3.9 U	670 P	50	67 P	51 P	10 P	120 P	73 U
Endrin	3.3	3.9 U	190 U	34 U	56 U	27 U	3.6 U	18 U	73 U
Endosulfan II	3.3	3.9 U	190 U	34 U	56 U	27 U	3.6 U	18 U	73 U
4,4'-DDD	3.3	3.9 U	190 U	34 U	64 P	58 P	3.6 U	18 U	73 U
Endrin Aldehyde	3.3	31 P	480 P	34 U	56 U	27 U	3.6 U	18 U	73 U
Endosulfan Sulfate	3.3	3.9 U	190 U	34 U	56 U	27 U	3.6 U	18 U	73 U
4,4'-DDT	3.3	7.1 P	190 U	34 U	62 P	27 U	5.8 P	33 P	73 U
Methoxychlor	17	20 U	970 U	180 U	290 U	140 U	19 U	93 U	370 U
Endrin Ketone	3.3	3.9 U	190 U	34 U	56 U	27 U	3.6 U	18 U	73 U
alpha-Chlordane	1.7	2.0 U	97 U	18 U	29 U	36 P	4.9 P	9.3 U	37 U
gamma-Chlordane	1.7	2.0 U	230 P	18 U	32 P	21	1.9 U	12 P	37 U
Toxaphene	170	200 U	9700 U	1800 U	2900 U	1400 U	190 U	930 U	3700 U
Aroclor-1016	33	39 U	1900 U	340 U	560 U	270 U	36 U	180 U	730 U
Aroclor-1221	67	80 U	3800 U	700 U	1100 U	560 U	74 U	370 U	1500 U
Aroclor-1232	33	39 U	1900 U	340 U	560 U	270 U	36 U	180 U	730 U
Aroclor-1242	33	39 U	1900 U	340 U	560 U	270 U	36 U	180 U	730 U
Aroclor-1248	33	39 U	1900 U	340 U	560 U	270 U	36 U	180 U	730 U
Aroclor-1254	33	39 U	1900 U	340 U	560 U	270 U	36 U	180 U	730 U
Aroclor-1260	33	39 U	1900 U	340 U	560 U	270 U	36 U	180 U	730 U
Dilution Factor:		1.00	50.0	5.00	10.0	5.00	1.00	5.00	20.0
Percent Solids:		84	88	48	59	60	91	91	91
Sample Volume\Weight (ml\g):		30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Associated Method Blank:		PSB1025A	PSB1008B	PSB1008B	PSB1008B	PSB1008B	PSB1008B	PSB1008B	PSB1008A
Associated Equipment Blank:		ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:		-	-	-	-	-	-	-	-

Site: WASTE-SLUDGE
U: not detected P: >25% difference between columns J: estimated
D: diluted result E: exceeds calibration range

28

Table 1
Laboratory Report of Analysis

	LOCATION:	SS-101	SS-102 DUP	SS-102
	ISIS ID:	ENSS101XXX94XX	ENSS102XXX94XD	ENSS102XXX94XX
	LAB NUMBER:	2241101	2241105	2241102
	DATE SAMPLED:	10/28/94	10/28/94	10/28/94
	DATE EXTRACTED:	11/01/94	11/01/94	11/01/94
	DATE ANALYZED:	12/08/94	12/08/94	12/08/94

ANALYTE	SOW-3/90 - II CRQL					
alpha-BHC	1.7	9.4	U	2.3	U	2.3 U
beta-BHC	1.7	9.4	U	2.3	U	2.3 U
delta-BHC	1.7	9.4	U	2.3	U	2.3 U
gamma-BHC (Lindane)	1.7	9.4	U	2.3	U	2.3 U
Heptachlor	1.7	7.3	J	2.3	U	2.3 U
Aldrin	1.7	9.4	U	2.3	U	2.3 U
Heptachlor Epoxide	1.7	9.4	U	2.3	U	2.3 U
Endosulfan I	1.7	9.4	U	2.3	U	2.3 U
Dieldrin	3.3	18	U	4.5	U	4.5 U
4,4'-DDE	3.3	18	U	4.5	U	4.5 U
Endrin	3.3	18	U	4.5	U	4.5 U
Endosulfan II	3.3	9.9	JP	5.6	P	4.5 U
4,4'-DDD	3.3	18	U	4.5	U	4.5 U
Endrin Aldehyde	3.3	18	U	4.5	U	4.5 U
Endosulfan Sulfate	3.3	18	U	4.5	U	4.5 U
4,4'-DDT	3.3	14	JP	4.5	P	4.5 U
Methoxychlor	17	54	BJP	15	BJP	13 BJP
Endrin Ketone	3.3	18	U	7.2	P	3.7 JP
alpha-Chlordane	1.7	9.4	U	2.3	U	2.3 U
gamma-Chlordane	1.7	9.4	U	2.3	U	2.3 U
Toxaphene	170	940	U	230	U	230 U
Aroclor-1016	33	180	U	45	U	45 U
Aroclor-1221	67	370	U	91	U	91 U
Aroclor-1232	33	180	U	45	U	45 U
Aroclor-1242	33	180	U	45	U	45 U
Aroclor-1248	33	180	U	45	U	45 U
Aroclor-1254	33	180	U	45	U	45 U
Aroclor-1260	33	180	U	45	U	45 U

Dilution Factor:	5.00	1.00	1.00
Percent Solids:	90	74	74
Sample Volume\Weight (ml\g):	30.0	30.0	30.0
Associated Method Blank:	PSB1101A	PSB1101A	PSB1101A
Associated Equipment Blank:	ENQS003XXX94XX	ENQS003XXX94XX	ENQS003XXX94XX
Associated Field Blank:	-	-	-

Site: SURFACE SOILS
U: not detected J: estimated P: >25% difference between columns B: blank contamination

Table 1
Laboratory Report of Analysis

	LOCATION:	BS-101		BS-102	
	ISIS ID:	ENBS101XX694XX		ENBS102XX694XX	
	LAB NUMBER:	2241106		2241107	
	DATE SAMPLED:	10/27/94		10/28/94	
	DATE EXTRACTED:	11/01/94		11/01/94	
	DATE ANALYZED:	12/08/94		12/08/94	
ANALYTE	SOW-3/90 - II CRQL				
alpha-BHC	1.7	2.2	U	2.1	U
beta-BHC	1.7	2.2	U	2.1	U
delta-BHC	1.7	2.2	U	2.1	U
gamma-BHC (Lindane)	1.7	2.2	U	2.1	U
Heptachlor	1.7	2.2	U	2.1	U
Aldrin	1.7	2.2	U	2.1	U
Heptachlor Epoxide	1.7	2.2	U	2.1	U
Endosulfan I	1.7	2.2	U	2.1	U
Dieldrin	3.3	4.3	U	4.1	U
4,4'-DDE	3.3	4.3	U	4.1	U
Endrin	3.3	4.3	U	4.1	U
Endosulfan II	3.3	4.3	U	4.1	U
4,4'-DDD	3.3	4.3	U	4.1	U
Endrin Aldehyde	3.3	4.3	U	4.1	U
Endosulfan Sulfate	3.3	4.3	U	4.1	U
4,4'-DDT	3.3	4.3	U	4.1	U
Methoxychlor	17	22	U	21	U
Endrin Ketone	3.3	4.3	U	4.1	U
alpha-Chlordane	1.7	2.2	U	2.1	U
gamma-Chlordane	1.7	2.2	U	2.1	U
Toxaphene	170	220	U	210	U
Aroclor-1016	33	43	U	41	U
Aroclor-1221	67	87	U	83	U
Aroclor-1232	33	43	U	41	U
Aroclor-1242	33	43	U	41	U
Aroclor-1248	33	43	U	41	U
Aroclor-1254	33	43	U	41	U
Aroclor-1260	33	43	U	35	JP
Dilution Factor:		1.00		1.00	
Percent Solids:		77		81	
Sample Volume\Weight (ml\g):		30.0		30.0	
Associated Method Blank:		PSB1101A		PSB1101A	
Associated Equipment Blank:		ENQS003XXX94XX		ENQS003XXX94XX	
Associated Field Blank:		-		-	

Site: SOIL BORINGS
U: not detected J: estimated P: >25% difference between columns

20

Table 1
Laboratory Report of Analysis

	LOCATION:	MW-101 DUP	MW-101	MW-102	MW-103
	ISIS ID:	ENMW101XXX94XD	ENMW101XXX94XX	ENMW102XXX94XX	ENMW103XXX94XX
	LAB NUMBER:	2263804	2263801	2263805	2263806
	DATE SAMPLED:	11/30/94	11/30/94	11/30/94	11/30/94
	DATE EXTRACTED:	12/03/94	12/03/94	12/03/94	12/03/94
	DATE ANALYZED:	12/12/94	12/12/94	12/12/94	12/12/94
ANALYTE	SOW-3/90 - II CRQL				
alpha-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U
beta-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U
delta-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (Lindane)	0.05	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	0.05	0.05 U	0.05 U	0.05 U	0.05 U
Aldrin	0.05	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan I	0.05	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin	0.1	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Endrin	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan II	0.1	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Aldehyde	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1	0.1 U	0.1 U	0.1 U	0.1 U
Methoxychlor	0.5	0.5 U	0.5 U	0.5 U	0.5 U
Endrin Ketone	0.1	0.1 U	0.1 U	0.1 U	0.1 U
alpha-Chlordane	0.05	0.05 U	0.05 U	0.05 U	0.05 U
gamma-Chlordane	0.05	0.05 U	0.05 U	0.05 U	0.05 U
Toxaphene	5	5.0 U	5.0 U	5.0 U	5.0 U
Aroclor-1016	1	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1221	2	2.0 U	2.0 U	2.0 U	2.0 U
Aroclor-1232	1	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1242	1	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1248	1	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1254	1	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	1	1.0 U	1.0 U	1.0 U	1.0 U
Dilution Factor:		1.00	1.00	1.00	1.00
Sample Volume\Weight (ml\g):		1000	1000	1000	1000
Associated Method Blank:		PWB1203A	PWB1203B	PWB1203A	PWB1203A
Associated Equipment Blank:		ENQS004XXX94XX	ENQS004XXX94XX	ENQS004XXX94XX	ENQS004XXX94XX
Associated Field Blank:		-	-	-	-

Site: MONITORING WELLS
U: not detected

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-003		QS-004		QS-XX1		QS-2	
	ISIS ID:	ENQS003XXX94XX		ENQS004XXX94XX		ENQSXX1XXX94XX		ENQSXX2XXX94XX	
	LAB NUMBER:	241108		263807		223319		223313	
	DATE SAMPLED:	10/28/94		11/30/94		10/04/94		10/04/94	
ANALYTE	SOW-3/90 - II CRDL								
Aluminum	200	57.0	U	57.0	U	57.0	U	57.0	U
Antimony	60	38.0	U	38.0	U	38.0	U	38.0	U
Arsenic	10	5.0	UN	5.0	U	5.0	U	5.0	U
Barium	200	11.0	U	11.0	U	11.0	U	11.0	U
Beryllium	5	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5	2.0	U	2.0	U	2.0	U	2.0	U
Calcium	5000	1390	U*	1390	U	1390	U	1390	U
Chromium	10	5.0	U	5.0	U	5.0	U*	5.0	U*
Cobalt	50	6.0	U	6.0	U	6.0	U	6.0	U
Copper	25	5.0	U	5.0	U	5.0	U	5.0	U
Iron	100	28.4	B	16.0	U*	28.9	B	16.0	U
Lead	3	3.0	U*	3.0	UW	3.0	U*	6.1	*
Magnesium	5000	1550	U	1550	U	1550	U	1550	U
Manganese	15	2.0	U*	2.0	U	2.0	UN	2.0	UN
Mercury	0.2	0.20	U	0.20	U	0.20	U*	0.20	U*
Nickel	40	26.0	U	26.0	U	26.0	U	26.0	U
Potassium	5000	840	U	840	U	840	U	840	U
Selenium	5	5.0	UN	5.0	U	5.0	UN	5.0	UN
Silver	10	5.0	U	5.0	U	5.0	U	5.0	U
Sodium	5000	463	U	479	B	463	U	463	U
Thallium	10	5.0	U	5.0	U	5.0	U	5.0	U
Vanadium	50	17.0	U	17.0	U	17.0	U	17.0	U
Zinc	20	9.1	B	5.0	U	5.4	B	5.0	U
Cyanide	10	10.0	UN	10.0	U	10.0	U	10.0	U

Associated Method Blank:	PBENRX2	PBENRX3	PBENRX1	PBENRX1
Associated Equipment Blank:	-	-	-	-
Associated Field Blank:	-	-	-	-

Site: EQUIPMENT RINSATE
U: not detected N: spike recovery not met *: duplicate analysis not met
B: less than CRDL W: post digestion spike not met

Table 1
Laboratory Report of Analysis

LOCATION: QS-003
ISIS ID: ENQS003XXX94XX
LAB NUMBER: D241108
DATE SAMPLED: 10/28/94

ANALYTE	SOW-3/90 - II CRDL		
Aluminum	200	57.0	U
Antimony	60	38.0	U
Arsenic	10	5.0	UN
Barium	200	11.0	U
Beryllium	5	2.0	U
Cadmium	5	2.0	U
Calcium	5000	1390	U*
Chromium	10	5.0	U
Cobalt	50	6.0	U
Copper	25	5.0	U
Iron	100	16.0	U
Lead	3	3.0	U*
Magnesium	5000	1550	U
Manganese	15	2.0	U*
Mercury	0.2	0.20	U
Nickel	40	26.0	U
Potassium	5000	840	U
Selenium	5	5.0	UN
Silver	10	5.0	U
Sodium	5000	463	U
Thallium	10	NR	
Vanadium	50	17.0	U
Zinc	20	5.0	U
Cyanide	10	NR	

Associated Method Blank: PBENRX2
Associated Equipment Blank: -
Associated Field Blank: -

Site: EQUIPMENT RINSATE
U: not detected N: spike recovery not met *: duplicate analysis not met

Table 1
Laboratory Report of Analysis

	LOCATION:	CL-102 DUP		CL-102		CL-103		CL-104	
	ISIS ID:	ENCL102XXX94XD		ENCL102XXX94XX		ENCL103XXX94XX		ENCL104XXX94XX	
	LAB NUMBER:	223317		223314		223318		223312	
	DATE SAMPLED:	10/04/94		10/04/94		10/04/94		10/05/94	
ANALYTE	SOW-3/90 - II CRDL								
Aluminum	200	9040		9520		366		27000	
Antimony	60	38.0	U	38.0	U	38.0	U	38.0	U
Arsenic	10	5.3	B	5.0	UW	5.0	U	54.2	
Barium	200	180	B	203		39.6	B	1320	
Beryllium	5	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5	29.2		32.7		2.1	B	122	
Calcium	5000	53800		58400		68800		580000	
Chromium	10	137	*	147	*	9.7	B*	1870	*
Cobalt	50	30.7	B	38.0	B	21.4	B	375	
Copper	25	1820		1970		120		4930	
Iron	100	70000		91200		20000		265000	
Lead	3	1960		1770	*	94.3	S*	5510	
Magnesium	5000	10600		12100		18300		57000	
Manganese	15	1300	N	1610	N	2710	N	2330	N
Mercury	0.2	1.6	*	2.0	*	0.20	U*	545	*
Nickel	40	155		196		48.7		3500	
Potassium	5000	4600	B	5350		13200		30800	
Selenium	5	5.0	UWN	25.0	UWN	5.0	UWN	10.0	UN
Silver	10	5.0	U	5.0	U	5.0	U	23.1	
Sodium	5000	5840		5870		38300		2030000	
Thallium	10	5.0	U	5.0	U	5.0	UW	5.0	UW
Vanadium	50	67.3		76.5		17.0	U	124	
Zinc	20	7190		8540		337		24500	
Cyanide	10	10.0	U	10.0	U	10.0	U	10.0	U
Associated Method Blank:		PBENRX1		PBENRX1		PBENRX1		PBENRX1	
Associated Equipment Blank:		ENQSXX2XXX94XX		ENQSXX2XXX94XX		ENQSXX2XXX94XX		ENQSXX2XXX94XX	
Associated Field Blank:		-		-		-		-	

Site: SUMP LIQUIDS
U: not detected B: less than CRDL *: duplicate analysis not met
N: spike recovery not met W: post digestion spike not met

Table 1
Laboratory Report of Analysis

	LOCATION:	CD-101		CD-103	
	ISIS ID:	ENCD101XXX94XX		ENCD103XXX94XX	
	LAB NUMBER:	223303		223304	
	DATE SAMPLED:	10/04/94		10/04/94	
ANALYTE	SOW-3/90 - II CRDL				
Aluminum	40	1750		4270	
Antimony	12	23.1	UN	16.1	BN
Arsenic	2	6.6	N	6.8	SN
Barium	40	142		186	
Beryllium	1	1.2	U	0.67	U
Cadmium	1	11.6		10.2	
Calcium	1000	4460		17800	
Chromium	2	78.4	*	254	*
Cobalt	10	22.7	B*	45.1	*
Copper	5	181		650	
Iron	20	66400	*	237000	*
Lead	0.6	246	S*	213	*
Magnesium	1000	943	U	3550	
Manganese	3	974	*	1290	*
Mercury	0.1	1.3		1.0	
Nickel	8	167	*	406	*
Potassium	1000	512	U	329	B
Selenium	1	3.0	UWN*	1.7	UN*
Silver	2	3.0	UN*	1.7	UN*
Sodium	1000	2050	B	360	B
Thallium	2	3.0	UN	1.7	UN
Vanadium	10	16.4	BN	59.3	N
Zinc	4	1140	*	1140	*
Cyanide	1	1.5	U	0.94	U
Percent Solids:		32		55	
Associated Method Blank:		PBENRX1		PBENRX1	
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:		-		-	

Site: SUMP SEDIMENTS
U: not detected N: spike recovery not met *: duplicate analysis not met
B: less than CRDL S: method of standard additions W: post digestion spike not met

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-3/90 - II CRDL	LOCATION: WT-101 DUP ISIS ID: ENWT101XXX94XD LAB NUMBER: 223309 DATE SAMPLED: 10/04/94		LOCATION: WT-101 ISIS ID: ENWT101XXX94XX LAB NUMBER: 223306 DATE SAMPLED: 10/04/94		LOCATION: WT-102 ISIS ID: ENWT102XXX94XX LAB NUMBER: 223305 DATE SAMPLED: 10/04/94		LOCATION: WT-103 ISIS ID: ENWT103XXX94XX LAB NUMBER: 223310 DATE SAMPLED: 10/04/94		LOCATION: WT-104 ISIS ID: ENWT104XXX94XX LAB NUMBER: 223311 DATE SAMPLED: 10/04/94		LOCATION: WT-105 ISIS ID: ENWT105XXX94XX LAB NUMBER: 223301 DATE SAMPLED: 10/05/94		LOCATION: WT-106 ISIS ID: ENWT106XXX94XX LAB NUMBER: 223302 DATE SAMPLED: 10/05/94	
Aluminum	40	6370		3910		6380		1870		1910		1600		1230	
Antimony	12	8.7	UN	8.3	UN	13.6	BN	12.8	UN	11.0	UN	8.3	UN	16.7	N
Arsenic	2	11.3	N	9.6	N	35.6	N	21.7	SN	14.3	N	11.9	SN	14.1	N
Barium	40	419		345		184		124		110		27.2	B	51.1	
Beryllium	1	0.83	B	0.69	B	0.69	U	0.67	U	0.58	U	0.44	U	0.38	U
Cadmium	1	36.8		21.4		9.1		18.6		8.8		4.9		10.3	
Calcium	1000	7110		6720		68000		21300		20900		29300		13900	
Chromium	2	3730	*	2790	*	346	*	102	*	73.5	*	26.0	*	86.9	*
Cobalt	10	861	*	912	*	29.7	*	34.8	*	26.5	*	8.6	B*	33.3	*
Copper	5	2770		1800		379		553		219		265		296	
Iron	20	56900	*	133000	*	112000	*	608000	*	213000	*	71400	*	282000	*
Lead	0.6	1810	*	1850	*	363	*	275	*	46.3	*	60.5	*	296	*
Magnesium	1000	1650		1330		5530		2900		2140		4740		2380	
Manganese	3	501	*	916	*	891	*	2830	*	2370	*	407	*	1360	*
Mercury	0.1	1.1		1.1		52.9		1.8		1.4		0.88		2.3	
Nickel	8	11400	*	9530	*	209	*	129	*	78.2	*	28.3	*	101	*
Potassium	1000	1490		1240		1160	B	2460		1460		2170		3400	
Selenium	1	5.5	UN*	2.1	SN*	1.9	UWN*	1.5	UN*	1.6	UN*	1.1	UN*	1.0	UWN*
Silver	2	16.6	N*	20.5	N*	1.7	UN*	1.7	UN*	1.5	UN*	1.1	UN*	0.95	UN*
Sodium	1000	6060		3680		984	B	3050		721	B	6470		8100	
Thallium	2	1.1	UWN	1.0	UWN	1.9	UN	1.5	UN	1.6	UN	1.1	UN	1.0	UWN
Vanadium	10	30.2	N	84.3	N	45.3	N	58.4	N	51.2	N	20.8	N	60.8	N
Zinc	4	2300	*	2090	*	1910	*	1370	*	1530	*	566	*	1390	*
Cyanide	1	0.52	U	2.7		0.99	U	20.7		0.81	U	0.53	U	0.49	U
Percent Solids:		84		88		48		59		60		91		91	
Associated Method Blank:		PBENRX1		PBENRX1		PBENRX1		PBENRX1		PBENRX1		PBENRX1		PBENRX1	
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:		-		-		-		-		-		-		-	

Site: WASTE-SLUDGE
U: not detected N: spike recovery not met B: less than CRDL
*: duplicate analysis not met W: post digestin spike not met S: method of standard additions

Table 1
Laboratory Report of Analysis

	LOCATION:	SS-101		SS-102 DUP		SS-102	
	ISIS ID:	ENSS101XXX94XX		ENSS102XXX94XD		ENSS102XXX94XX	
	LAB NUMBER:	241101		241105		241102	
	DATE SAMPLED:	10/28/94		10/28/94		10/28/94	
ANALYTE	SOW-3/90 - II CRDL						
Aluminum	40	1650		9860		10200	
Antimony	12	8.0	U	9.2	U	10.1	U
Arsenic	2	4.4	N	35.1	SN	40.5	SN
Barium	40	27.3	B	142		178	
Beryllium	1	0.42	U	4.7		4.0	
Cadmium	1	1.8		1.1	B	2.3	
Calcium	1000	212000	*	34900	*	35900	*
Chromium	2	11.4		10.1		14.3	
Cobalt	10	6.1	B	10.9	B	12.1	B
Copper	5	67.9		77.9		69.4	
Iron	20	7870		12800		18200	
Lead	0.6	95.1	N	136	N	160	S*
Magnesium	1000	18300		7060		6400	
Manganese	3	495	*	380	*	284	*
Mercury	0.1	0.40		0.61		0.88	
Nickel	8	24.5		25.9		30.8	
Potassium	1000	470	B	521	B	1010	B
Selenium	1	1.1	UWN	1.3	UWN	1.3	UWN
Silver	2	1.0	U	1.2	U	1.3	U
Sodium	1000	106	B	237	B	190	B
Thallium	2	1.1	UW	1.3	U	1.3	U
Vanadium	10	11.7		34.4		35.4	
Zinc	4	653		2100		1940	
Cyanide	1	0.53	UN	0.57	UN	0.58	UN
Percent Solids:		90		74		74	
Associated Method Blank:		PBENRX2		PBENRX2		PBENRX2	
Associated Equipment Blank:		ENQS003XXX94XX		ENQS003XXX94XX		ENQS003XXX94XX	
Associated Field Blank:		-		-		-	

Site: SURFACE SOILS
U: not detected N: spike recovery not met B: less than CRDL
*: duplicate analysis not met W: post digestion spike not met S: method of standard additions

Table 1
Laboratory Report of Analysis

	LOCATION:	BS-101		BS-102	
	ISIS ID:	ENBS101XX694XX		ENBS102XX694XX	
	LAB NUMBER:	241106		241107	
	DATE SAMPLED:	10/27/94		10/28/94	
ANALYTE	SOW-3/90 - II CRDL				
Aluminum	40	7130		16100	
Antimony	12	9.2	U	9.4	B
Arsenic	2	5.1	N	4.6	N
Barium	40	57.0		186	
Beryllium	1	0.48	U	0.93	B
Cadmium	1	0.48	U	0.47	U
Calcium	1000	12200	*	19700	*
Chromium	2	8.7		20.8	
Cobalt	10	6.4	B	10.2	B
Copper	5	49.5		25.9	
Iron	20	15600		31100	
Lead	0.6	50.5	N	26.0	S*
Magnesium	1000	4780		8670	
Manganese	3	270	*	485	*
Mercury	0.1	0.13	U	0.12	U
Nickel	8	12.9		26.3	
Potassium	1000	982	B	2470	
Selenium	1	1.1	UWN	1.2	UN
Silver	2	1.2	U	1.2	U
Sodium	1000	1330		295	B
Thallium	2	1.1	UW	1.2	U
Vanadium	10	19.9		42.6	
Zinc	4	65.4		117	
Cyanide	1	0.67	UN	0.52	UN
Percent Solids:		77		81	

Associated Method Blank:	PBENRX2	PBENRX2
Associated Equipment Blank:	ENQS003XXX94XX	ENQS003XXX94XX
Associated Field Blank:	-	-

Site: SOIL BORINGS
U: not detected N: spike recovery not met *: duplicate analysis not met
B: less than CRDL S: method of standard additions W: post digestion spike not met

Table 1
Laboratory Report of Analysis

	LOCATION:	MW-101 DUP		MW-101		MW-102		MW-103	
	ISIS ID:	ENMW101XXX94XD		ENMW101XXX94XX		ENMW102XXX94XX		ENMW103XXX94XX	
	LAB NUMBER:	263804		263801		263805		263806	
	DATE SAMPLED:	11/30/94		11/30/94		11/30/94		11/30/94	
ANALYTE	SOW-3/90 - II CRDL								
Aluminum	200	2390		250		315		57.0	U
Antimony	60	52.9	B	38.0	U	38.0	U	47.1	B
Arsenic	10	5.0	U	5.0	U	5.0	U	5.0	U
Barium	200	88.7	B	82.5	B	80.4	B	400	
Beryllium	5	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5	2.0	U	2.0	U	2.0	U	2.0	U
Calcium	5000	136000		128000		212000		137000	
Chromium	10	7.2	B	5.0	U	5.0	U	5.0	U
Cobalt	50	6.0	U	6.0	U	6.0	U	6.0	U
Copper	25	11.8	B	5.0	U	5.4	B	7.5	B
Iron	100	7760	*	6240	*	1850	*	23600	*
Lead	3	11.2		3.0	U	15.7		8.5	
Magnesium	5000	54600		53100		41000		36200	
Manganese	15	412		339		2990		5770	
Mercury	0.2	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	40	26.0	U	26.0	U	26.0	U	26.0	U
Potassium	5000	14200		14200		49200		14200	
Selenium	5	5.0	U	5.0	U	5.0	UW	5.0	U
Silver	10	5.0	U	5.0	U	5.0	U	5.0	U
Sodium	5000	107000		110000		208000		63300	
Thallium	10	5.0	U	5.0	U	5.0	U	5.0	U
Vanadium	50	17.0	U	17.0	U	17.0	U	17.0	U
Zinc	20	13.6	B	5.0	U	24.7		17.5	B
Cyanide	10	10.0	U	10.0	U	10.0	U	10.0	U
Associated Method Blank:		PBENRX3		PBENRX3		PBENRX3		PBENRX3	
Associated Equipment Blank:		ENQS004XXX94XX		ENQS004XXX94XX		ENQS004XXX94XX		ENQS004XXX94XX	
Associated Field Blank:		-		-		-		-	

Site: MONITORING WELLS
U: not detected B: less than CRDL *: duplicate analysis not met W: post digestion spike not met

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-1	QS-2
	ISIS ID:	ENQSXX1XXX94XX	ENQSXX2XXX94XX
	LAB NUMBER:	D223319	D223313
	DATE SAMPLED:	10/04/94	10/04/94
ANALYTE	RL		
arsenic	5.0	5.0 U	5.0 U
barium	11.0	11.0 U	11.0 U
cadmium	2.0	2.0 U	2.0 U
chromium	5.0	5.0 U*	5.0 U*
lead	3.0	3.0 UW*	3.0 U*
mercury	0.20	0.20 U*	0.20 U*
selenium	5.0	5.0 UN	5.0 UN
silver	5.0	5.0 U	5.0 U
Associated Method Blank:		EPENRX1	EPENRX1
Associated Equipment Blank:		-	-
Associated Field Blank:		-	-

SITE: EQUIPMENT RINSATES
Note: Inorganic Data - EPTOX Metals
U: not detected *: duplicate analysis not met W: post digestion spike not met N: spike recovery not met

Table 1
Laboratory Report of Analysis

	LOCATION:	CL-103	CL-104
	ISIS ID:	ENCL103XXX94XX	ENCL104XXX94XX
	LAB NUMBER:	D223318	D223312
	DATE SAMPLED:	10/04/94	10/05/94
ANALYTE	RL		
arsenic	52.0/5.0	5.0 U	10.0 UW
barium	11.0	41.1 B	98.6 B
cadmium	2.0	3.8 B	2.0 U
chromium	5.0	7.9 B*	5.0 U*
lead	26.0/3.0	94.3 S*	146 *
mercury	0.20	0.20 U*	0.57 *
selenium	90.0/5.0	5.0 UWN	10.0 UWN
silver	5.0	5.0 U	5.0 U

Associated Method Blank:	EPENRX1	EPENRX1
Associated Equipment Blank:	ENQSXX2XXX94XX	ENQSXX2XXX94XX
Associated Field Blank:	-	-

SITE: SUMP LIQUIDS
Note: Inorganic Data - EPTOX Metals
U: not detected B: less than CRDL *: duplicate analysis not met S: method of standard additions
W: post digestion spike not met N: spike recovery not met

Table 1
Laboratory Report of Analysis

	LOCATION:	CD-101	CD-103
	ISIS ID:	ENCD101XXX94XX	ENCD103XXX94XX
	LAB NUMBER:	E223303	E223304
	DATE SAMPLED:	10/04/94	10/04/94
ANALYTE	RL		
arsenic	52.0/5.0	52.0 UN	52.0 UN
barium	11.0	327 N	208 N
cadmium	2.0	2.0 U	2.0 U
chromium	5.0	5.0 U*	5.0 U*
lead	26.0/3.0	26.0 U*	26.0 U*
mercury	0.20	0.20 U	0.20 U
selenium	90.0/5.0	90.0 U	90.0 U
silver	5.0	5.0 U*	5.0 U*

Associated Method Blank:	EPENRX1	EPENRX1
Associated Equipment Blank:	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:	-	-

SITE: SUMP SEDIMENTS
Note: Inorganic Data - EPTOX Metals
U: not detected N: spike recovery not met *: duplicate analysis not met

Table 1
Laboratory Report of Analysis

	LOCATION:	WT-101 DUP	WT-101	WT-102	WT-103	WT-104	WT-105	WT-106
	ISIS ID:	ENWT101XXX94XD	ENWT101XXX94XX	ENWT102XXX94XX	ENWT103XXX94XX	ENWT104XXX94XX	ENWT105XXX94XX	ENWT106XXX94XX
	LAB NUMBER:	E223309	E223306	E223305	E223310	E223311	E223301	E223302
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94
ANALYTE	RL							
arsenic	52.0/5.0	52.0 UN	52.0 UN	52.0 UN	52.0 UN	52.0 UN	52.0 UN	52.0 UN
barium	11.0	469 N	317 N	475 N	427 N	229 N	411 N	401 N
cadmium	2.0	1100	1100	3.7 B	22.5	2.0 U	17.0 U	10.9
chromium	5.0	84.3 *	51.0 *	5.9 B*	9.5 B*	5.0 U*	53.6 *	25.0 *
lead	26.0/3.0	4820 *	11400 *	26.0 U*	58.1 *	26.0 U*	45.2 *	60.8 *
mercury	0.20	0.25	0.34	0.20 U	0.23	0.20 U	0.52	1.2
selenium	90.0/5.0	90.0 U	90.0 U	90.0 U	90.0 U	90.0 U	90.0 U	90.0 U
silver	5.0	37.6 *	33.4 *	5.0 U*	5.0 U*	5.0 U*	5.0 U*	5.0 U*
Associated Method Blank:		EPENRX1	EPENRX1	EPENRX1	EPENRX1	EPENRX1	EPENRX1	EPENRX1
Associated Equipment Blank:		ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:		-	-	-	-	-	-	-

SITE: WASTE-SLUDGE
Note: Inorganic Data - EPTOX Metals
U: not detected N: spike recovery not met B: less than CRDL *: duplicate analysis not met

Table 1
Laboratory Report of Analysis

	LOCATION:	SS-101	SS-102 DUP	SS-102
	ISIS ID:	ENSS101XXX94XX	ENSS102XXX94XD	ENSS102XXX94XX
	LAB NUMBER:	E241101	E241105	E241102
	DATE SAMPLED:	10/28/94	10/28/94	10/28/94
ANALYTE	RL			
arsenic	52.0	52.0 U	52.0 U	52.0 U
barium	11.0	507	1000	1080
cadmium	2.0	2.0 U	15.8	15.8
chromium	5.0	5.0 U	6.0 B	5.0 U
lead	26.0	26.0 U	33.7	33.7
mercury	0.2	0.2 U	0.2 U	0.2 U
selenium	90.0	90.0 U	90.0 U	90.0 U
silver	5.0	5.0 U	5.0 U	5.0 U
Associated Method Blank:		EPENRX2	EPENRX2	EPENRX2
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

SITE: SURFACE SOILS
Note: Inorganic Data - EPTOX Metals
U: not detected B: less than CRDL

Table 1
Laboratory Report of Analysis

	LOCATION:	QS-003	QS-1	QS-2
	ISIS ID:	ENQS003XXX94XX	ENQSXX1XXX94XX	ENQSXX2XXX94XX
	LAB NUMBER:	2241108	2223319	2223313
	DATE SAMPLED:	10/28/94	10/04/94	10/04/94
	DATE ANALYZED:	11/14/94	10/12/94	10/12/94
ANALYTE	RL			
Corrosivity, inch/Year	0.01	0.01 U	0.01 U	0.01 U
Ignitability, Degrees F		>212	>212	>212
Cyanide, Reactive, ppm	1	1 U	1 U	1 U
Sulfide, Reactive, ppm	1	1 U	1 U	1 U
Associated Method Blank:		WCENRX2	WCENRX1	WCENRX1
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

SITE: EQUIPMENT RINSATES
U: not detected

Table 1
Laboratory Report of Analysis

	LOCATION:	CL-103	CL-104
	ISIS ID:	ENCL103XXX94XX	ENCL104XXX94XX
	LAB NUMBER:	2223318	2223312
	DATE SAMPLED:	10/04/94	10/05/94
	DATE ANALYZED:	10/12/94	10/12/94
ANALYTE	RL		
Corrosivity, inch/Year	0.01	0.01 U	0.01 U
Ignitability, Degrees F		>212	>212
Cyanide, Reactive, ppm	1	1 U	1 U
Sulfide, Reactive, ppm	1	1 U	1 U
Associated Method Blank:		WCENRX1	WCENRX1
Associated Equipment Blank:		ENQSXX2XXX94XX	ENQSXX2XXX94XX
Associated Field Blank:		-	-

SITE: SUMP LIQUIDS
U: not detected

Table 1
Laboratory Report of Analysis

	LOCATION:	WT-101 DUP	WT-101	WT-102	WT-103	WT-104	WT-105	WT-106
	ISIS ID:	ENWT101XXX94XD	ENWT101XXX94XX	ENWT102XXX94XX	ENWT103XXX94XX	ENWT104XXX94XX	ENWT105XXX94XX	ENWT106XXX94XX
	LAB NUMBER:	2223309	2223306	2223305	2223310	2223311	2223301	2223302
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94
	DATE ANALYZED:	10/12/94	10/12/94	10/12/94	10/12/94	10/12/94	10/12/94	10/12/94
ANALYTE	RL							
Corrosivity, inch/Year	0.01	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Ignitability, Degrees F		>212	>212	>212	>212	>212	>212	>212
Cyanide, Reactive, ppm	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sulfide, Reactive, ppm	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Associated Method Blank:		WCENRX1	WCENRX1	WCENRX1	WCENRX1	WCENRX1	WCENRX1	WCENRX1
Associated Equipment Blank:		ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:		-	-	-	-	-	-	-

SITE: WASTE-SLUDGE
U: not detected

Table 1
Laboratory Report of Analysis

	LOCATION:	CD-101	CD-103
	ISIS ID:	ENCD101XXX94XX	ENCD103XXX94XX
	LAB NUMBER:	2223303	2223304
	DATE SAMPLED:	10/04/94	10/04/94
	DATE ANALYZED:	10/12/94	10/12/94
ANALYTE	RL		
Corrosivity, inch/Year	0.01	0.01 U	0.01 U
Ignitability, Degrees F		>212	>212
Cyanide, Reactive, ppm	1	1 U	1 U
Sulfide, Reactive, ppm	1	1 U	1 U
Associated Method Blank:		WCENRX1	WCENRX1
Associated Equipment Blank:		ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:		-	-

SITE: SUMP SEDIMENTS
U: not detected

48

Table 1
Laboratory Report of Analysis

	LOCATION:	SS-101	SS-102 DUP	SS-102
	ISIS ID:	ENSS101XXX94XX	ENSS102XXX94XD	ENSS102XXX94XX
	LAB NUMBER:	2241101	2241105	2241102
	DATE SAMPLED:	10/28/94	10/28/94	10/28/94
	DATE ANALYZED:	11/14/94	11/14/94	11/14/94
ANALYTE	RL			
Corrosivity, inch/Year	0.01	0.01 U	0.01 U	0.01 U
Ignitability, Degrees F		>212	>212	>212
Cyanide, Reactive, ppm	1	1 U	1 U	1 U
Sulfide, Reactive, ppm	1	1 U	1 U	1 U
Associated Method Blank:		WCENRX2	WCENRX2	WCENRX2
Associated Equipment Blank:		ENQS003XXX94XX	ENQS003XXX94XX	ENQS003XXX94XX
Associated Field Blank:		-	-	-

SITE: SURFACE SOILS
U: not detected

Table 2
Validation / Summary Table

LOCATION:		CL-102 DUP			CL-102			CL-103			CL-104		
ISIS ID:		ENCL102XXX94XD			ENCL102XXX94XX			ENCL103XXX94XX			ENCL104XXX94XX		
LAB NUMBER:		2223317			2223314			2223318			2223312		
DATE SAMPLED:		10/04/94			10/04/94			10/04/94			10/05/94		
DATE ANALYZED:		10/13/94			10/13/94			10/13/94			10/13/94		
ANALYTE	SOW-3/90 - II CRQL												
Chloromethane	10	10	U		10	U		10	U		200	U	
Bromomethane	10	10	U		10	U		10	U		200	U	
Vinyl Chloride	10	34	J		80	J		10	U		230		
Chloroethane	10	10	U		10	U		10	U		200	U	
Methylene Chloride	10	18	U		17	U		16	U		830	U	
Acetone	10	16	UJ		10	U		10	U		200	U	
Carbon Disulfide	10	10	U		10	U		10	U		200	U	
1,1-Dichloroethene	10	10	U		10	U		10	U		200	U	
1,1-Dichloroethane	10	16			15			10	U		12000		
1,2-Dichloroethene (total)	10	480			480			10	U		13000		
Chloroform	10	10	U		10	U		10	U		200	U	
1,2-Dichloroethane	10	10	U		10	U		10	U		200	U	
2-Butanone	10	10	U		10	U		10	U		200	U	
1,1,1-Trichloroethane	10	190			170			10	U		57000		
Carbon Tetrachloride	10	10	U		10	U		10	U		200	U	
Bromodichloromethane	10	10	U		10	U		10	U		200	U	
1,2-Dichloropropane	10	10	U		10	U		10	U		200	U	
cis-1,3-Dichloropropene	10	10	U		10	U		10	U		200	U	
Trichloroethene	10	10	J		6	J		10	U		33000		
Dibromochloromethane	10	10	U		10	U		10	U		200	U	
1,1,2-Trichloroethane	10	10	U		10	U		10	U		200	U	
Benzene	10	10	U		10	U		10	U		200	U	
trans-1,3-Dichloropropene	10	10	U		10	U		10	U		200	U	
Bromoform	10	10	U		10	U		10	U		200	U	
4-Methyl-2-Pentanone	10	10	U		10	U		10	U		200	U	
2-Hexanone	10	10	U		10	U		10	U		200	U	
Tetrachloroethene	10	4	J		2	J		10	U		8000	J	
1,1,2,2-Tetrachloroethane	10	10	U		10	U		10	U		200	U	
Toluene	10	28	J		13	J		10	U		510		
Chlorobenzene	10	10	U		10	U		10	U		200	U	
Ethylbenzene	10	8	J		3	J		10	U		43	J	
Styrene	10	10	U		10	U		10	U		200	U	
Total Xylenes	10	30	J		10	J		10	U		210		
Dilution Factor:		1.00			1.00			1.00			20.0		
Sample Volume\Weight (ml\g):		5.00			5.00			5.00			5.00		
Associated Method Blank:		N9594.D			N9594.D			N9594.D			N9594.D		
Associated Equipment Blank:		ENQSXX2XXX94XX			ENQSXX2XXX94XX			ENQSXX2XXX94XX			ENQSXX2XXX94XX		
Associated Field Blank:		-			-			-			-		
Associated Trip Blank:		ENQT001XXX94XX			ENQT001XXX94XX			ENQT001XXX94XX			ENQT001XXX94XX		

Site: SUMP LIQUIDS
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	CD-101		CD-103	
	ISIS ID:	ENCD101XXX94XX		ENCD103XXX94XX	
	LAB NUMBER:	2223303		2223304	
	DATE SAMPLED:	10/04/94		10/04/94	
	DATE ANALYZED:	10/13/94		10/13/94	
ANALYTE	SOW-3/90 - II CRQL				
Chloromethane	10	160	U	18	U
Bromomethane	10	160	U	18	U
Vinyl Chloride	10	390		18	U
Chloroethane	10	160	U	18	U
Methylene Chloride	10	280	U	32	U
Acetone	10	960	J	150	J
Carbon Disulfide	10	160	U	18	U
1,1-Dichloroethene	10	160	U	18	U
1,1-Dichloroethane	10	450		18	U
1,2-Dichloroethene (total)	10	180		18	U
Chloroform	10	160	U	18	U
1,2-Dichloroethane	10	160	U	18	U
2-Butanone	10	470	J	42	J
1,1,1-Trichloroethane	10	160		18	U
Carbon Tetrachloride	10	160	U	18	U
Bromodichloromethane	10	160	U	18	U
1,2-Dichloropropane	10	160	U	18	U
cis-1,3-Dichloropropene	10	160	U	18	U
Trichloroethene	10	120	J	18	U
Dibromochloromethane	10	160	U	18	U
1,1,2-Trichloroethane	10	160	U	18	U
Benzene	10	160	U	18	UJ
trans-1,3-Dichloropropene	10	160	U	18	U
Bromoform	10	160	U	18	U
4-Methyl-2-Pentanone	10	160	U	18	U
2-Hexanone	10	160	U	18	U
Tetrachloroethene	10	490		3	J
1,1,2,2-Tetrachloroethane	10	160	U	18	U
Toluene	10	260		18	UJ
Chlorobenzene	10	160	U	18	U
Ethylbenzene	10	380		18	U
Styrene	10	160	U	18	U
Total Xylenes	10	3800		18	U
Dilution Factor:		5.00		1.00	
Percent Solids:		32		55	
Sample Volume\Weight (ml\g):		5.00		5.00	
Associated Method Blank:		P1171.D		P1171.D	
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:		-		-	
Associated Trip Blank:		-		-	

Site: SUMP SEDIMENTS
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	WT-101 DUP		WT-101	
	ISIS ID:	ENWT101XXX94XD		ENWT101XXX94XX	
	LAB NUMBER:	2223309		2223306	
	DATE SAMPLED:	10/04/94		10/04/94	
	DATE ANALYZED:	10/12/94		10/12/94	
ANALYTE	SOW-3/90 - II CRQL				
Chloromethane	1200	1400	U	1400	U
Bromomethane	1200	1400	U	1400	U
Vinyl Chloride	1200	1400	U	1400	U
Chloroethane	1200	1400	U	1400	U
Methylene Chloride	1200	1400	U	1400	U
Acetone	1200	1400	U	1400	U
Carbon Disulfide	1200	1400	U	1400	U
1,1-Dichloroethene	1200	1400	U	1400	U
1,1-Dichloroethane	1200	1400	U	1400	U
1,2-Dichloroethene (total)	1200	1400	U	1400	U
Chloroform	1200	1400	U	1400	U
1,2-Dichloroethane	1200	1400	U	1400	U
2-Butanone	1200	1400	U	1400	U
1,1,1-Trichloroethane	1200	1500	J	7600	J
Carbon Tetrachloride	1200	1400	U	1400	U
Bromodichloromethane	1200	1400	U	1400	U
1,2-Dichloropropane	1200	1400	U	1400	U
cis-1,3-Dichloropropene	1200	1400	U	1400	U
Trichloroethene	1200	610	J	1500	J
Dibromochloromethane	1200	1400	U	1400	U
1,1,2-Trichloroethane	1200	1400	U	1400	U
Benzene	1200	1400	U	1400	U
trans-1,3-Dichloropropene	1200	1400	U	1400	U
Bromoform	1200	1400	U	1400	U
4-Methyl-2-Pentanone	1200	1400	U	1400	U
2-Hexanone	1200	980	J	1400	U
Tetrachloroethene	1200	10000	J	43000	J
1,1,2,2-Tetrachloroethane	1200	1400	U	1400	U
Toluene	1200	1400	U	1400	U
Chlorobenzene	1200	1400	U	1400	U
Ethylbenzene	1200	1400	U	1400	U
Styrene	1200	1400	U	1400	U
Total Xylenes	1200	1400	U	520	J
Dilution Factor:		1.00		1.00	
Percent Solids:		84		88	
Sample Volume\Weight (ml\g):		4.00		4.00	
Associated Method Blank:		N9570.D		N9570.D	
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:		-		-	
Associated Trip Blank:		-		-	

Site: WASTE-SLUDGE
U: not detected J: estimated

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	LOCATION: WT-102	WT-103	WT-104	WT-105	WT-106
		ISIS ID: ENWT102XXX94XX	ENWT103XXX94XX	ENWT104XXX94XX	ENWT105XXX94XX	ENWT106XXX94XX
		LAB NUMBER: 2223305	2223310	2223311	2223301	2223302
		DATE SAMPLED: 10/04/94	10/04/94	10/04/94	10/05/94	10/05/94
		DATE ANALYZED: 10/12/94	10/12/94	10/12/94	10/12/94	10/12/94
Chloromethane	10	20 U	17 U	17 U	11 U	11 U
Bromomethane	10	20 U	17 U	17 U	11 U	11 U
Vinyl Chloride	10	20 U	17 U	17 U	11 U	11 U
Chloroethane	10	20 U	17 U	17 U	11 U	11 U
Methylene Chloride	10	20 U	17 U	17 U	11 UJ	11 U
Acetone	10	20 U	190 J	17 U	6 J	11 U
Carbon Disulfide	10	20 U	4 J	17 U	2 J	11 U
1,1-Dichloroethene	10	20 U	17 U	17 U	11 U	11 U
1,1-Dichloroethane	10	26	17 U	17 U	11 U	11 U
1,2-Dichloroethene (total)	10	29	17 U	17 U	11 U	11 U
Chloroform	10	20 U	17 U	17 U	11 U	11 U
1,2-Dichloroethane	10	20 U	17 U	17 U	11 U	11 U
2-Butanone	10	20 U	14 J	17 U	5 J	11 U
1,1,1-Trichloroethane	10	75	13 J	17 U	11 U	3 J
Carbon Tetrachloride	10	9 J	17 U	17 U	11 U	11 U
Bromodichloromethane	10	20 U	17 U	17 U	11 U	11 U
1,2-Dichloropropane	10	20 U	17 U	17 U	11 U	11 U
cis-1,3-Dichloropropene	10	20 U	17 U	17 U	11 U	11 U
Trichloroethene	10	100	14 J	6 J	23 J	7 J
Dibromochloromethane	10	20 U	17 U	17 U	11 U	11 U
1,1,2-Trichloroethane	10	20 U	17 U	17 U	11 U	11 U
Benzene	10	20 U	17 U	17 U	11 U	11 U
trans-1,3-Dichloropropene	10	20 U	17 U	17 U	11 U	11 U
Bromoform	10	20 U	17 U	17 U	11 U	11 U
4-Methyl-2-Pentanone	10	20 U	17 UJ	17 UJ	11 UJ	11 UJ
2-Hexanone	10	20 U	17 UJ	17 UJ	11 UJ	11 UJ
Tetrachloroethene	10	48	10 J	37 J	43 J	31 J
1,1,2,2-Tetrachloroethane	10	20 U	17 UJ	17 UJ	11 UJ	11 UJ
Toluene	10	20 U	17 UJ	17 UJ	11 UJ	11 UJ
Chlorobenzene	10	20 U	17 UJ	17 UJ	11 UJ	11 UJ
Ethylbenzene	10	20 U	17 UJ	17 UJ	11 UJ	11 UJ
Styrene	10	20 U	17 UJ	17 UJ	11 UJ	11 UJ
Total Xylenes	10	20 U	17 UJ	17 UJ	11 UJ	11 UJ
Dilution Factor:		1.00	1.00	1.00	1.00	1.00
Percent Solids:		49	59	60	91	91
Sample Volume\Weight (ml\g):		5.00	5.00	5.00	5.00	5.00
Associated Method Blank:		P1148.D	P1148.D	P1148.D	P1148.D	P1148.D
Associated Equipment Blank:		ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:		-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-

Site: WASTE-SLUDGE
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	SS-101	SS-102 DUP	SS-102
	ISIS ID:	ENSS101XXX94XX	ENSS102XXX94XD	ENSS102XXX94XX
	LAB NUMBER:	2241101	2241105	2241102
	DATE SAMPLED:	10/28/94	10/28/94	10/28/94
	DATE ANALYZED:	11/03/94	11/03/94	11/03/94
ANALYTE	SOW-3/90 - II CRQL			
Chloromethane	10	11 U	14 U	14 U
Bromomethane	10	11 U	14 U	14 U
Vinyl Chloride	10	11 U	14 U	14 U
Chloroethane	10	11 U	14 U	14 U
Methylene Chloride	10	11 U	30 U	14 U
Acetone	10	11 U	14 U	14 U
Carbon Disulfide	10	11 U	14 U	14 U
1,1-Dichloroethene	10	11 U	14 UJ	14 UJ
1,1-Dichloroethane	10	11 U	14 U	14 U
1,2-Dichloroethene (total)	10	11 U	14 U	14 U
Chloroform	10	11 U	14 U	14 U
1,2-Dichloroethane	10	11 U	14 U	14 U
2-Butanone	10	11 U	14 U	14 U
1,1,1-Trichloroethane	10	11 U	14 U	14 U
Carbon Tetrachloride	10	11 U	14 U	14 U
Bromodichloromethane	10	11 U	14 U	14 U
1,2-Dichloropropane	10	11 U	14 U	14 U
cis-1,3-Dichloropropene	10	11 U	14 U	14 U
Trichloroethene	10	11 U	14 UJ	14 UJ
Dibromochloromethane	10	11 U	14 U	14 U
1,1,2-Trichloroethane	10	11 U	14 U	14 U
Benzene	10	11 U	14 U	14 U
trans-1,3-Dichloropropene	10	11 U	14 U	14 U
Bromoform	10	11 U	14 U	14 U
4-Methyl-2-Pentanone	10	11 U	14 U	14 U
2-Hexanone	10	11 U	14 U	14 U
Tetrachloroethene	10	11 U	14 U	14 U
1,1,2,2-Tetrachloroethane	10	11 U	14 U	14 U
Toluene	10	11 U	14 U	14 U
Chlorobenzene	10	11 U	14 UJ	14 UJ
Ethylbenzene	10	11 U	14 U	14 U
Styrene	10	11 U	14 U	14 U
Total Xylenes	10	11 U	14 U	14 U
Dilution Factor:		1.00	1.00	1.00
Percent Solids:		90	74	74
Sample Volume\Weight (ml\g):		5.00	5.00	5.00
Associated Method Blank:		P1621.D	P1621.D	P1621.D
Associated Equipment Blank:		ENQS003XXX94XX	ENQS003XXX94XX	ENQS003XXX94XX
Associated Field Blank:		-	-	-
Associated Trip Blank:		-	-	-

Site: SURFACE SOILS
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	BS-101		BS-102	
	ISIS ID:	ENBS101XX694XX		ENBS102XX694XX	
	LAB NUMBER:	2241106		2241107	
	DATE SAMPLED:	10/27/94		10/28/94	
	DATE ANALYZED:	11/03/94		11/03/94	
ANALYTE	SOW-3/90 - II CRQL				
Chloromethane	10	13	U	12	U
Bromomethane	10	13	U	12	U
Vinyl Chloride	10	13	U	12	U
Chloroethane	10	13	U	12	U
Methylene Chloride	10	24	U	21	U
Acetone	10	21	U	21	U
Carbon Disulfide	10	13	U	12	U
1,1-Dichloroethene	10	13	U	12	U
1,1-Dichloroethane	10	13	U	12	U
1,2-Dichloroethene (total)	10	13	U	12	U
Chloroform	10	13	U	12	U
1,2-Dichloroethane	10	13	U	12	U
2-Butanone	10	4	J	12	U
1,1,1-Trichloroethane	10	13	U	12	U
Carbon Tetrachloride	10	13	U	12	U
Bromodichloromethane	10	13	U	12	U
1,2-Dichloropropane	10	13	U	12	U
cis-1,3-Dichloropropene	10	13	U	12	U
Trichloroethene	10	13	U	12	U
Dibromochloromethane	10	13	U	12	U
1,1,2-Trichloroethane	10	13	U	12	U
Benzene	10	13	U	12	U
trans-1,3-Dichloropropene	10	13	U	12	U
Bromoform	10	13	U	12	U
4-Methyl-2-Pentanone	10	13	U	12	U
2-Hexanone	10	13	U	12	U
Tetrachloroethene	10	13	U	12	U
1,1,2,2-Tetrachloroethane	10	13	U	12	U
Toluene	10	13	U	12	U
Chlorobenzene	10	13	U	12	U
Ethylbenzene	10	13	U	12	U
Styrene	10	13	U	12	U
Total Xylenes	10	13	U	12	U
Dilution Factor:		1.00		1.00	
Percent Solids:		77		81	
Sample Volume\Weight (ml\g):		5.00		5.00	
Associated Method Blank:		P1621.D		P1621.D	
Associated Equipment Blank:		ENQS003XXX94XX		ENQS003XXX94XX	
Associated Field Blank:		-		-	
Associated Trip Blank:		-		-	

Site: SOIL BORINGS
U: not detected J: estimated

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	LOCATION: MW-101 DUP		MW-101		MW-102		MW-103	
		ISIS ID: ENMW101XXX94XD		ENMW101XXX94XX		ENMW102XXX94XX		ENMW103XXX94XX	
		LAB NUMBER: 2263804		2263801		2263805		2263806	
		DATE SAMPLED: 11/30/94		11/30/94		11/30/94		11/30/94	
		DATE ANALYZED: 12/02/94		12/05/94		12/02/94		12/02/94	
Chloromethane	10	10	U	10	U	10	U	10	U
Bromomethane	10	10	U	10	U	10	U	10	U
Vinyl Chloride	10	10	U	10	U	10	U	10	U
Chloroethane	10	10	U	10	U	10	U	6	J
Methylene Chloride	10	10	UJ	10	UJ	10	U	10	U
Acetone	10	10	U	44	UJ	11	UJ	34	UJ
Carbon Disulfide	10	10	U	10	U	10	U	10	U
1,1-Dichloroethene	10	10	UJ	10	UJ	10	U	10	U
1,1-Dichloroethane	10	10	U	10	U	10	U	2	J
1,2-Dichloroethene (total)	10	10	U	10	U	10	U	10	U
Chloroform	10	10	U	10	U	10	U	10	U
1,2-Dichloroethane	10	10	U	10	U	10	U	10	U
2-Butanone	10	10	U	10	U	10	U	8	J
1,1,1-Trichloroethane	10	10	U	10	U	10	U	10	U
Carbon Tetrachloride	10	10	U	10	U	10	U	10	U
Bromodichloromethane	10	10	U	10	U	10	U	10	U
1,2-Dichloropropane	10	10	U	10	U	10	U	10	U
cis-1,3-Dichloropropene	10	10	U	10	U	10	U	10	U
Trichloroethene	10	10	U	10	U	10	U	10	U
Dibromochloromethane	10	10	U	10	U	10	U	10	U
1,1,2-Trichloroethane	10	10	U	10	U	10	U	10	U
Benzene	10	10	U	10	U	10	U	10	U
trans-1,3-Dichloropropene	10	10	U	10	U	10	U	10	U
Bromoform	10	10	U	10	U	10	U	10	U
4-Methyl-2-Pentanone	10	10	U	5	J	10	U	10	U
2-Hexanone	10	10	U	10	U	10	U	10	U
Tetrachloroethene	10	10	U	10	U	10	U	10	U
1,1,2,2-Tetrachloroethane	10	10	U	10	U	10	U	10	U
Toluene	10	10	U	10	U	10	U	10	U
Chlorobenzene	10	10	U	10	U	10	U	10	U
Ethylbenzene	10	10	U	10	U	10	U	10	U
Styrene	10	10	U	10	U	10	U	10	U
Total Xylenes	10	10	U	10	U	10	U	1	J
Dilution Factor:		1.00		1.00		1.00		1.00	
Sample Volume\Weight (ml\g):		5.00		5.00		5.00		5.00	
Associated Method Blank:		N0496.D		N0519.D		N0496.D		N0496.D	
Associated Equipment Blank:		ENQS004XXX94XX		ENQS004XXX94XX		ENQS004XXX94XX		ENQS004XXX94XX	
Associated Field Blank:		-		-		-		-	
Associated Trip Blank:		ENQT002XXX94XX		ENQT002XXX94XX		ENQT002XXX94XX		ENQT002XXX94XX	

Site: MONITORING WELLS
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	CL-102 DUP	CL-102	CL-103	CL-104
	ISIS ID:	ENCL102XXX94XD	ENCL102XXX94XX	ENCL103XXX94XX	ENCL104XXX94XX
	LAB NUMBER:	2223317	2223314	2223318	2223312 D
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/05/94
	DATE EXTRACTED:	10/11/94	10/11/94	10/11/94	10/11/94
	DATE ANALYZED:	11/18/94	11/18/94	11/18/94	11/21/94
ANALYTE	SOW-3/90 - II CRQL				
Phenol	10	50 U	50 U	50 U	200 U
bis(2-Chloroethyl)ether	10	50 U	50 U	50 U	200 U
2-Chlorophenol	10	50 U	50 U	50 U	200 U
1,3-Dichlorobenzene	10	50 U	50 U	50 U	200 U
1,4-Dichlorobenzene	10	50 U	50 U	50 U	200 U
1,2-Dichlorobenzene	10	50 U	50 U	50 U	200 U
2-Methylphenol	10	50 U	50 U	50 U	200 U
2,2'-oxybis(1-Chloropropane)	10	50 U	50 U	50 U	200 U
4-Methylphenol	10	50 U	50 U	50 U	31 J
N-Nitroso-di-n-propylamine	10	50 U	50 U	50 U	200 U
Hexachloroethane	10	50 U	50 U	50 U	200 U
Nitrobenzene	10	50 U	50 U	50 U	200 U
Isophorone	10	50 U	50 U	50 U	200 U
2-Nitrophenol	10	50 U	50 U	50 U	200 U
2,4-Dimethylphenol	10	50 U	50 U	50 U	200 U
bis(2-Chloroethoxy)methane	10	50 U	50 U	50 U	200 U
2,4-Dichlorophenol	10	50 U	50 U	50 U	200 U
1,2,4-Trichlorobenzene	10	50 U	50 U	50 U	200 U
Naphthalene	10	50 U	50 U	50 U	200 U
4-Chloroaniline	10	50 U	50 U	50 U	200 U
Hexachlorobutadiene	10	50 U	50 U	50 U	200 U
4-Chloro-3-Methylphenol	10	50 U	50 U	50 U	200 U
2-Methylnaphthalene	10	50 U	50 U	50 U	22 J
Hexachlorocyclopentadiene	10	50 U	50 U	50 U	200 U
2,4,6-Trichlorophenol	10	50 U	50 U	50 U	200 U
2,4,5-Trichlorophenol	25	120 U	120 U	120 U	500 U
2-Chloronaphthalene	10	50 U	50 U	50 U	200 U
2-Nitroaniline	25	120 U	120 U	120 U	500 U
Dimethylphthalate	10	50 U	50 U	50 U	200 U
Acenaphthylene	10	50 U	50 U	50 U	200 U
2,6-Dinitrotoluene	10	50 U	50 U	50 U	200 U

Site: SUMP LIQUIDS
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	CL-102 DUP		CL-102		CL-103		CL-104	
	ISIS ID:	ENCL102XXX94XD		ENCL102XXX94XX		ENCL103XXX94XX		ENCL104XXX94XX	
	LAB NUMBER:	2223317		2223314		2223318		2223312 D	
	DATE SAMPLED:	10/04/94		10/04/94		10/04/94		10/05/94	
	DATE EXTRACTED:	10/11/94		10/11/94		10/11/94		10/11/94	
	DATE ANALYZED:	11/18/94		11/18/94		11/18/94		11/21/94	
ANALYTE	SOW-3/90 - II CRQL								
3-Nitroaniline	25	120	U	120	U	120	U	500	U
Acenaphthene	10	50	U	50	U	50	U	200	U
2,4-Dinitrophenol	25	120	UJ	120	UJ	120	UJ		R
4-Nitrophenol	25	120	U	120	U	120	U	500	U
Dibenzofuran	10	50	U	50	U	50	U	200	U
2,4-Dinitrotoluene	10	50	U	50	U	50	U	200	U
Diethylphthalate	10	50	U	50	U	50	U	200	U
4-Chlorophenyl-phenylether	10	50	U	50	U	50	U	200	U
Fluorene	10	50	U	50	U	50	U	200	U
4-Nitroaniline	25	120	UJ	120	UJ	120	UJ	500	U
4,6-Dinitro-2-methylphenol	25	120	U	120	U	120	U	500	UJ
N-Nitrosodiphenylamine	10	50	U	50	U	50	U	200	U
4-Bromophenyl-phenylether	10	50	U	50	U	50	U	200	U
Hexachlorobenzene	10	50	U	50	U	50	U	200	U
Pentachlorophenol	25	120	U	120	U	120	U	180	J
Phenanthrene	10	50	U	50	U	50	U	200	U
Anthracene	10	50	U	50	U	50	U	200	U
Carbazole	10	50	U	50	U	50	U	200	U
Di-n-butylphthalate	10	50	U	50	U	50	U	200	U
Fluoranthene	10	50	U	50	U	50	U	200	U
Pyrene	10	6	J	50	U	50	U	200	U
Butylbenzylphthalate	10	38	J	38	J	50	U	30	J
3,3'-Dichlorobenzidine	10	50	U	50	U	50	U	200	UJ
Benzo(a)Anthracene	10	50	U	50	U	50	U	200	U
Chrysene	10	50	U	50	U	50	U	200	U
bis(2-Ethylhexyl)phthalate	10	380		290		50	U	400	U
Di-n-octylphthalate	10	130	J	40	J	50	UJ	63	J
Benzo(b)Fluoranthene	10	50	U	50	U	50	UJ	200	UJ
Benzo(k)Fluoranthene	10	50	U	50	U	50	UJ	200	UJ
Benzo(a)Pyrene	10	50	U	50	U	50	UJ	200	UJ
Indeno(1,2,3-c,d)Pyrene	10	50	U	50	U	50	UJ	200	UJ
Dibenz(a,h)Anthracene	10	50	U	50	U	50	UJ	200	UJ
Benzo(g,h,i)perylene	10	50	U	50	U	50	UJ	200	UJ
Dilution Factor:		5.00		5.00		5.00		20.0	
Sample Volume\Weight (ml\g):		1000		1000		1000		1000	
Associated Method Blank:		S1523.D		S1523.D		S1523.D		S1523.D	
Associated Equipment Blank:		-		-		-		-	
Associated Field Blank:		-		-		-		-	

Site: SUMP LIQUIDS
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	CD-101		CD-103	
	ISIS ID:	ENCD101XXX94XX		ENCD103XXX94XX	
	LAB NUMBER:	2223303		2223304	
	DATE SAMPLED:	10/04/94		10/04/94	
	DATE EXTRACTED:	10/08/94		10/08/94	
	DATE ANALYZED:	11/17/94		11/17/94	
ANALYTE	SOW-3/90 - II CRQL				
Phenol	330	21000	UJ	30000	U
bis(2-Chloroethyl)ether	330	21000	UJ	30000	U
2-Chlorophenol	330	21000	UJ	30000	U
1,3-Dichlorobenzene	330	21000	UJ	30000	U
1,4-Dichlorobenzene	330	21000	UJ	30000	U
1,2-Dichlorobenzene	330	21000	UJ	30000	U
2-Methylphenol	330	21000	UJ	30000	U
2,2'-oxybis(1-Chloropropane)	330	21000	UJ	30000	U
4-Methylphenol	330	21000	UJ	30000	U
N-Nitroso-di-n-propylamine	330	21000	UJ	30000	U
Hexachloroethane	330	21000	UJ	30000	U
Nitrobenzene	330	21000	UJ	30000	U
Isophorone	330	21000	UJ	30000	U
2-Nitrophenol	330	21000	UJ	30000	U
2,4-Dimethylphenol	330	21000	UJ	30000	U
bis(2-Chloroethoxy)methane	330	21000	UJ	30000	U
2,4-Dichlorophenol	330	21000	UJ	30000	U
1,2,4-Trichlorobenzene	330	21000	UJ	30000	U
Naphthalene	330	21000	UJ	30000	U
4-Chloroaniline	330	21000	UJ	30000	U
Hexachlorobutadiene	330	21000	UJ	30000	U
4-Chloro-3-Methylphenol	330	21000	UJ	30000	U
2-Methylnaphthalene	330	21000	UJ	30000	U
Hexachlorocyclopentadiene	330	21000	UJ	30000	U
2,4,6-Trichlorophenol	330	21000	UJ	30000	U
2,4,5-Trichlorophenol	800	50000	UJ	73000	U
2-Chloronaphthalene	330	21000	UJ	30000	U
2-Nitroaniline	800	50000	UJ	73000	U
Dimethylphthalate	330	21000	UJ	30000	U
Acenaphthylene	330	21000	UJ	30000	U
2,6-Dinitrotoluene	330	21000	UJ	30000	U

Site: SUMP SEDIMENTS
U: not detected J: estimated

Table 2
Validation / Summary Table

		LOCATION:	CD-101		CD-103	
		ISIS ID:	ENCD101XXX94XX		ENCD103XXX94XX	
		LAB NUMBER:	2223303		2223304	
		DATE SAMPLED:	10/04/94		10/04/94	
		DATE EXTRACTED:	10/08/94		10/08/94	
		DATE ANALYZED:	11/17/94		11/17/94	
ANALYTE	SOW-3/90 - II	CRQL				
3-Nitroaniline		800	50000	UJ	73000	U
Acenaphthene		330	21000	UJ	30000	U
2,4-Dinitrophenol		800	50000	UJ	73000	UJ
4-Nitrophenol		800	50000	UJ	73000	U
Dibenzofuran		330	21000	UJ	30000	U
2,4-Dinitrotoluene		330	21000	UJ	30000	U
Diethylphthalate		330	21000	UJ	30000	U
4-Chlorophenyl-phenylether		330	21000	UJ	30000	U
Fluorene		330	21000	UJ	30000	U
4-Nitroaniline		800	50000	UJ	73000	U
4,6-Dinitro-2-methylphenol		800	50000	UJ	73000	UJ
N-Nitrosodiphenylamine		330	21000	UJ	30000	U
4-Bromophenyl-phenylether		330	21000	UJ	30000	U
Hexachlorobenzene		330	21000	UJ	30000	U
Pentachlorophenol		800	50000	UJ	73000	U
Phenanthrene		330	21000	UJ	30000	U
Anthracene		330	21000	UJ	30000	U
Carbazole		330	21000	UJ	30000	U
Di-n-butylphthalate		330	21000	UJ	30000	U
Fluoranthene		330	21000	UJ	30000	U
Pyrene		330	21000	UJ	30000	U
Butylbenzylphthalate		330	3000	J	30000	U
3,3'-Dichlorobenzidine		330	21000	UJ	30000	U
Benzo(a)Anthracene		330	21000	UJ	30000	U
Chrysene		330	21000	UJ	30000	U
bis(2-Ethylhexyl)phthalate		330	46000	UJ	30000	U
Di-n-octylphthalate		330	21000	UJ	30000	U
Benzo(b)Fluoranthene		330	21000	UJ	30000	U
Benzo(k)Fluoranthene		330	21000	UJ	30000	U
Benzo(a)Pyrene		330	21000	UJ	30000	U
Indeno(1,2,3-c,d)Pyrene		330	21000	UJ	30000	U
Dibenz(a,h)Anthracene		330	21000	UJ	30000	U
Benzo(g,h,i)perylene		330	21000	UJ	30000	U
Dilution Factor:			20.0		50.0	
Percent Solids:			32		55	
Sample Volume\Weight (ml\g):			30.0		30.0	
Associated Method Blank:			S1503.D		S1503.D	
Associated Equipment Blank:			ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:			-		-	

Site: SUMP SEDIMENTS
U: not detected J: estimated

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	LOCATION: WT-101 DUP		WT-101		WT-102		WT-103		WT-104		WT-105		WT-106	
		ISIS ID: ENWT101XXX94XD		ENWT101XXX94XX		ENWT102XXX94XX		ENWT103XXX94XX		ENWT104XXX94XX		ENWT105XXX94XX		ENWT106XXX94XX	
		LAB NUMBER: 2223309		2223306		2223305		2223310		2223311		2223301		2223302	
		DATE SAMPLED: 10/04/94		10/04/94		10/04/94		10/04/94		10/04/94		10/05/94		10/05/94	
		DATE EXTRACTED: 10/08/94		10/08/94		10/08/94		10/08/94		10/08/94		10/08/94		10/08/94	
		DATE ANALYZED: 11/17/94		11/17/94		11/17/94		11/17/94		11/17/94		11/17/94		11/17/94	
Phenol	330		R		R	69000	UJ	11000	U	11000	U	7300	U	37000	U
bis(2-Chloroethyl)ether	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2-Chlorophenol	330		R		R	69000	UJ	11000	U	11000	U	7300	U	37000	U
1,3-Dichlorobenzene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
1,4-Dichlorobenzene	330		R		R	69000	UJ	11000	U	11000	U	7300	U	37000	U
1,2-Dichlorobenzene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2-Methylphenol	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2,2'-oxybis(1-Chloropropane)	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
4-Methylphenol	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
N-Nitroso-di-n-propylamine	330		R		R	69000	UJ	11000	U	11000	U	7300	U	37000	U
Hexachloroethane	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Nitrobenzene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Isophorone	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2-Nitrophenol	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2,4-Dimethylphenol	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
bis(2-Chloroethoxy)methane	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2,4-Dichlorophenol	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
1,2,4-Trichlorobenzene	330		R		R	69000	UJ	11000	U	11000	U	7300	U	37000	U
Naphthalene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
4-Chloroaniline	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Hexachlorobutadiene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
4-Chloro-3-Methylphenol	330		R		R	69000	UJ	11000	U	11000	U	7300	U	37000	U
2-Methylnaphthalene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Hexachlorocyclopentadiene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2,4,6-Trichlorophenol	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2,4,5-Trichlorophenol	800	19000	U	360000	U	170000	UJ	27000	U	27000	U	18000	U	88000	U
2-Chloronaphthalene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2-Nitroaniline	800	19000	U	360000	U	170000	UJ	27000	U	27000	U	18000	U	88000	U
Dimethylphthalate	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Acenaphthylene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2,6-Dinitrotoluene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U

Site: WASTE-SLUDGE
U: not detected R: unusable J: estimated

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRQL	LOCATION: WT-101 DUP		WT-101		WT-102		WT-103		WT-104		WT-105		WT-106	
		ISIS ID: ENWT101XXX94XD		ENWT101XXX94XX		ENWT102XXX94XX		ENWT103XXX94XX		ENWT104XXX94XX		ENWT105XXX94XX		ENWT106XXX94XX	
		LAB NUMBER: 2223309		2223306		2223305		2223310		2223311		2223301		2223302	
		DATE SAMPLED: 10/04/94		10/04/94		10/04/94		10/04/94		10/04/94		10/05/94		10/05/94	
		DATE EXTRACTED: 10/08/94		10/08/94		10/08/94		10/08/94		10/08/94		10/08/94		10/08/94	
		DATE ANALYZED: 11/17/94		11/17/94		11/17/94		11/17/94		11/17/94		11/17/94		11/17/94	
3-Nitroaniline	800	19000	U	360000	U	170000	UJ	27000	U	27000	U	18000	U	88000	U
Acenaphthene	330		R		R	69000	UJ	11000	U	11000	U	7300	U	37000	U
2,4-Dinitrophenol	800	19000	UJ	360000	UJ	170000	UJ	27000	UJ	27000	UJ	18000	UJ	88000	UJ
4-Nitrophenol	800		R		R	170000	UJ	27000	U	27000	U	18000	U	88000	U
Dibenzofuran	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
2,4-Dinitrotoluene	330		R		R	69000	UJ	11000	U	11000	U	7300	U	37000	U
Diethylphthalate	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
4-Chlorophenyl-phenylether	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Fluorene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
4-Nitroaniline	800	19000	U	360000	U	170000	UJ	27000	U	27000	U	18000	U	88000	U
4,6-Dinitro-2-methylphenol	800	19000	UJ	360000	UJ	170000	UJ	27000	UJ	27000	UJ	18000	UJ	88000	UJ
N-Nitrosodiphenylamine	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
4-Bromophenyl-phenylether	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Hexachlorobenzene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Pentachlorophenol	800		R		R	170000	UJ	27000	U	27000	U	18000	U	7400	J
Phenanthrene	330	1100	J	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Anthracene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Carbazole	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Di-n-butylphthalate	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Fluoranthene	330	940	J	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Pyrene	330	1800	J		R	69000	UJ	11000	U	11000	U	7300	U	37000	U
Butylbenzylphthalate	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
3,3'-Dichlorobenzidine	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Benzo(a)Anthracene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Chrysene	330	940	J	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
bis(2-Ethylhexyl)phthalate	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Di-n-octylphthalate	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Benzo(b)Fluoranthene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Benzo(k)Fluoranthene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Benzo(a)Pyrene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Indeno(1,2,3-c,d)Pyrene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Dibenz(a,h)Anthracene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Benzo(g,h,i)perylene	330	7900	U	150000	U	69000	UJ	11000	U	11000	U	7300	U	37000	U
Dilution Factor:		20.0		400		100		20.0		20.0		20.0		100	
Percent Solids:		84		88		48		59		60		91		91	
Sample Volume\Weight (ml\g):		30.0		30.0		30.0		30.0		30.0		30.0		30.0	
Associated Method Blank:		S1503.D		S1503.D		S1503.D		S1503.D		S1503.D		S1503.D		S1503.D	
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:		-		-		-		-		-		-		-	

Site: WASTE-SLUDGE
U: not detected R: unusable J: estimated

Table 2
Validation / Summary Table

	LOCATION:	SS-101		SS-102 DUP		SS-102	
	ISIS ID:	ENSS101XXX94XX		ENSS102XXX94XD		ENSS102XXX94XX	
	LAB NUMBER:	2241101		2241105		2241102	
	DATE SAMPLED:	10/28/94		10/28/94		10/28/94	
	DATE EXTRACTED:	11/01/94		11/01/94		11/01/94	
	DATE ANALYZED:	12/03/94		12/03/94		12/03/94	
ANALYTE	SOW-3/90 - II CRQL						
Phenol	330	1800	U	900	U	900	U
bis(2-Chloroethyl)ether	330	1800	U	900	U	900	U
2-Chlorophenol	330	1800	U	900	U	900	U
1,3-Dichlorobenzene	330	1800	U	900	U	900	U
1,4-Dichlorobenzene	330	1800	U	900	UJ	900	UJ
1,2-Dichlorobenzene	330	1800	U	900	U	900	U
2-Methylphenol	330	1800	U	900	U	900	U
2,2'-oxybis(1-Chloropropane)	330	1800	U	900	U	900	U
4-Methylphenol	330	1800	U	900	U	900	U
N-Nitroso-di-n-propylamine	330	1800	U	900	U	900	U
Hexachloroethane	330	1800	U	900	U	900	U
Nitrobenzene	330	1800	U	900	U	900	U
Isophorone	330	1800	U	900	U	900	U
2-Nitrophenol	330	1800	U	900	U	900	U
2,4-Dimethylphenol	330	1800	U	900	U	900	U
bis(2-Chloroethoxy)methane	330	1800	U	900	U	900	U
2,4-Dichlorophenol	330	1800	U	900	U	900	U
1,2,4-Trichlorobenzene	330	1800	U	900	U	900	U
Naphthalene	330	1800	U	900	U	900	U
4-Chloroaniline	330	1800	U	900	U	900	U
Hexachlorobutadiene	330	1800	U	900	U	900	U
4-Chloro-3-Methylphenol	330	1800	U	900	U	900	U
2-Methylnaphthalene	330	1800	U	900	U	900	U
Hexachlorocyclopentadiene	330		R		R		R
2,4,6-Trichlorophenol	330	1800	U	900	U	900	U
2,4,5-Trichlorophenol	800	4400	U	2200	U	2200	U
2-Chloronaphthalene	330	1800	U	900	U	900	U
2-Nitroaniline	800	4400	U	2200	U	2200	U
Dimethylphthalate	330	1800	U	900	U	900	U
Acenaphthylene	330	1800	U	900	U	900	U
2,6-Dinitrotoluene	330	1800	U	900	U	900	U

Site: SURFACE SOILS
U: not detected J: estimated R: unusable

Table 2
Validation / Summary Table

	LOCATION:	SS-101		SS-102 DUP		SS-102	
	ISIS ID:	ENSS101XXX94XX		ENSS102XXX94XD		ENSS102XXX94XX	
	LAB NUMBER:	2241101		2241105		2241102	
	DATE SAMPLED:	10/28/94		10/28/94		10/28/94	
	DATE EXTRACTED:	11/01/94		11/01/94		11/01/94	
	DATE ANALYZED:	12/03/94		12/03/94		12/03/94	
ANALYTE	SOW-3/90 - II CRQL						
3-Nitroaniline	800	4400	U	2200	U	2200	U
Acenaphthene	330	470	J	900	U	900	U
2,4-Dinitrophenol	800	4400	U	2200	U	2200	U
4-Nitrophenol	800	4400	U	2200	U	2200	U
Dibenzofuran	330	290	J	900	U	900	U
2,4-Dinitrotoluene	330	1800	U	900	U	900	U
Diethylphthalate	330	1800	U	900	U	900	U
4-Chlorophenyl-phenylether	330	1800	U	900	U	900	U
Fluorene	330	560	J	900	U	900	U
4-Nitroaniline	800	4400	U	2200	U	2200	U
4,6-Dinitro-2-methylphenol	800	4400	U	2200	U	2200	U
N-Nitrosodiphenylamine	330	1800	U	900	U	900	U
4-Bromophenyl-phenylether	330	1800	U	900	U	900	U
Hexachlorobenzene	330	1800	U	900	U	900	U
Pentachlorophenol	800	4400	U		R		R
Phenanthrene	330	6100		220	J	450	J
Anthracene	330	1100	J	900	U	900	U
Carbazole	330	640	J	900	U	900	U
Di-n-butylphthalate	330	1800	U	900	U	900	U
Fluoranthene	330	9400		320	J	680	J
Pyrene	330	7900		300	J	620	J
Butylbenzylphthalate	330	1800	U	900	U	900	U
3,3'-Dichlorobenzidine	330	1800	U	900	U	900	U
Benzo(a)Anthracene	330	3900		160	J	350	J
Chrysene	330	4400		200	J	450	J
bis(2-Ethylhexyl)phthalate	330	1800	U	900	U	900	U
Di-n-octylphthalate	330	1800	U	900	U	900	U
Benzo(b)Fluoranthene	330	3200		130	J	270	J
Benzo(k)Fluoranthene	330	2100		900	U	170	J
Benzo(a)Pyrene	330	2400		95	J	210	J
Indeno(1,2,3-c,d)Pyrene	330	720	J	900	U	120	J
Dibenz(a,h)Anthracene	330	1800	U	900	U	900	U
Benzo(g,h,i)perylene	330	600	J	900	U	120	J
Dilution Factor:		5.00		2.00		2.00	
Percent Solids:		90		74		74	
Sample Volume\Weight (ml\g):		30.0		30.0		30.0	
Associated Method Blank:		R1715.D		R1715.D		R1715.D	
Associated Equipment Blank:		ENQS003XXX94XX		ENQS003XXX94XX		ENQS003XXX94XX	
Associated Field Blank:		-		-		-	

Site: SURFACE SOILS
U: not detected J: estimated R: unusable

Table 2
Validation / Summary Table

		LOCATION:	BS-101		BS-102	
		ISIS ID:	ENBS101XX694XX		ENBS102XX694XX	
		LAB NUMBER:	2241106		2241107	
		DATE SAMPLED:	10/27/94		10/28/94	
		DATE EXTRACTED:	11/01/94		11/01/94	
		DATE ANALYZED:	12/03/94		12/03/94	
ANALYTE	SOW-3/90 - II CRQL					
Phenol	330		860	U	410	U
bis(2-Chloroethyl)ether	330		860	U	410	U
2-Chlorophenol	330		860	U	410	U
1,3-Dichlorobenzene	330		860	U	410	U
1,4-Dichlorobenzene	330		860	U	410	U
1,2-Dichlorobenzene	330		860	U	410	U
2-Methylphenol	330		860	U	410	U
2,2'-oxybis(1-Chloropropane)	330		860	U	410	U
4-Methylphenol	330		860	U	410	U
N-Nitroso-di-n-propylamine	330		860	U	410	U
Hexachloroethane	330		860	U	410	U
Nitrobenzene	330		860	U	410	U
Isophorone	330		860	U	410	U
2-Nitrophenol	330		860	U	410	U
2,4-Dimethylphenol	330		860	U	410	U
bis(2-Chloroethoxy)methane	330		860	U	410	U
2,4-Dichlorophenol	330		860	U	410	U
1,2,4-Trichlorobenzene	330		860	U	410	U
Naphthalene	330		860	U	410	U
4-Chloroaniline	330		860	U	410	U
Hexachlorobutadiene	330		860	U	410	U
4-Chloro-3-Methylphenol	330		860	U	410	U
2-Methylnaphthalene	330		860	U	410	U
Hexachlorocyclopentadiene	330			R		R
2,4,6-Trichlorophenol	330		860	U	410	U
2,4,5-Trichlorophenol	800		2100	U	990	U
2-Chloronaphthalene	330		860	U	410	U
2-Nitroaniline	800		2100	U	990	U
Dimethylphthalate	330		860	U	410	U
Acenaphthylene	330		860	U	410	U
2,6-Dinitrotoluene	330		860	U	410	U

Site: SOIL BORINGS
U: not detected R: unusable J: estimated

Table 2
Validation / Summary Table

	LOCATION:	BS-101		BS-102	
	ISIS ID:	ENBS101XX694XX		ENBS102XX694XX	
	LAB NUMBER:	2241106		2241107	
	DATE SAMPLED:	10/27/94		10/28/94	
	DATE EXTRACTED:	11/01/94		11/01/94	
	DATE ANALYZED:	12/03/94		12/03/94	
ANALYTE	SOW-3/90 - II CRQL				
3-Nitroaniline	800	2100	U	990	U
Acenaphthene	330	860	U	410	U
2,4-Dinitrophenol	800	2100	U	990	U
4-Nitrophenol	800	2100	U	990	U
Dibenzofuran	330	860	U	410	U
2,4-Dinitrotoluene	330	860	U	410	U
Diethylphthalate	330	860	U	410	U
4-Chlorophenyl-phenylether	330	860	U	410	U
Fluorene	330	860	U	410	U
4-Nitroaniline	800	2100	U	990	U
4,6-Dinitro-2-methylphenol	800	2100	U	990	U
N-Nitrosodiphenylamine	330	860	U	410	U
4-Bromophenyl-phenylether	330	860	U	410	U
Hexachlorobenzene	330	860	U	410	U
Pentachlorophenol	800	2100	U	990	U
Phenanthrene	330	300	J	110	J
Anthracene	330	860	U	410	U
Carbazole	330	860	U	410	U
Di-n-butylphthalate	330	860	U	410	U
Fluoranthene	330	260	J	200	J
Pyrene	330	240	J	180	J
Butylbenzylphthalate	330	860	U	410	U
3,3'-Dichlorobenzidine	330	860	U	410	U
Benzo(a)Anthracene	330	130	J	100	J
Chrysene	330	140	J	120	J
bis(2-Ethylhexyl)phthalate	330	860	U	410	U
Di-n-octylphthalate	330	860	U	410	U
Benzo(b)Fluoranthene	330	860	U	85	J
Benzo(k)Fluoranthene	330	860	U	61	J
Benzo(a)Pyrene	330	860	U	65	J
Indeno(1,2,3-c,d)Pyrene	330	860	U	44	J
Dibenz(a,h)Anthracene	330	860	U	410	U
Benzo(g,h,i)perylene	330	860	U	45	J
Dilution Factor:		2.00		1.00	
Percent Solids:		77		81	
Sample Volume\Weight (ml\g):		30.0		30.0	
Associated Method Blank:		R1715.D		R1715.D	
Associated Equipment Blank:		ENQS003XXX94XX		ENQS003XXX94XX	
Associated Field Blank:		-		-	

Site: SOIL BORINGS
U: not detected R: unusable J: estimated

Table 2
Validation / Summary Table

	LOCATION:	MW-101 DUP	MW-101	MW-102	MW-103
	ISIS ID:	ENMW101XXX94XD	ENMW101XXX94XX	ENMW102XXX94XX	ENMW103XXX94XX
	LAB NUMBER:	2263804	2263801	2263805	2263806
	DATE SAMPLED:	11/30/94	11/30/94	11/30/94	11/30/94
	DATE EXTRACTED:	12/06/94	12/06/94	12/06/94	12/06/94
	DATE ANALYZED:	12/22/94	12/22/94	12/22/94	12/22/94
ANALYTE	SOW-3/90 - II CRQL				
Phenol	10	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	2 J
2,2'-oxybis(1-Chloropropane)	10	10 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	15
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	1 J
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	14
4-Chloroaniline	10	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	4 J
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25	25 U	25 U	25 U	25 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U
2-Nitroaniline	25	25 U	25 U	25 U	25 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U

Site: MONITORING WELLS
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	MW-101 DUP		MW-101		MW-102		MW-103	
	ISIS ID:	ENMW101XXX94XD		ENMW101XXX94XX		ENMW102XXX94XX		ENMW103XXX94XX	
	LAB NUMBER:	2263804		2263801		2263805		2263806	
	DATE SAMPLED:	11/30/94		11/30/94		11/30/94		11/30/94	
	DATE EXTRACTED:	12/06/94		12/06/94		12/06/94		12/06/94	
	DATE ANALYZED:	12/22/94		12/22/94		12/22/94		12/22/94	
ANALYTE	SOW-3/90 - II CRQL								
3-Nitroaniline	25	25	UJ	25	UJ	25	UJ	25	UJ
Acenaphthene	10	10	U	10	U	10	U	10	U
2,4-Dinitrophenol	25	25	UJ	25	UJ	25	UJ	25	UJ
4-Nitrophenol	25	25	U	25	U	25	U	25	U
Dibenzofuran	10	10	U	10	U	10	U	1	J
2,4-Dinitrotoluene	10	10	U	10	U	10	U	10	U
Diethylphthalate	10	10	U	10	U	10	U	10	U
4-Chlorophenyl-phenylether	10	10	U	10	U	10	U	10	U
Fluorene	10	10	U	10	U	10	U	2	J
4-Nitroaniline	25	25	U	25	U	25	U	25	U
4,6-Dinitro-2-methylphenol	25	25	UJ	25	UJ	25	UJ	25	UJ
N-Nitrosodiphenylamine	10	10	UJ	10	UJ	10	UJ	29	J
4-Bromophenyl-phenylether	10	10	U	10	U	10	U	10	U
Hexachlorobenzene	10	10	U	10	U	10	U	10	U
Pentachlorophenol	25	25	U	25	U	25	U	25	U
Phenanthrene	10	10	U	10	U	10	U	2	J
Anthracene	10	10	U	10	U	10	U	10	U
Carbazole	10	10	U	10	U	10	U	2	J
Di-n-butylphthalate	10	10	U	10	U	10	U	10	U
Fluoranthene	10	10	U	10	U	10	U	10	U
Pyrene	10	10	U	10	U	10	U	10	U
Butylbenzylphthalate	10	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	10	10	U	10	U	10	U	10	U
Benzo(a)Anthracene	10	10	U	10	U	10	U	10	U
Chrysene	10	10	U	10	U	10	U	10	U
bis(2-Ethylhexyl)phthalate	10	10	U	10	U	2	J	10	U
Di-n-octylphthalate	10	10	U	10	U	10	U	10	U
Benzo(b)Fluoranthene	10	10	U	10	U	10	U	10	U
Benzo(k)Fluoranthene	10	10	U	10	U	10	U	10	U
Benzo(a)Pyrene	10	10	U	10	U	10	U	10	U
Indeno(1,2,3-c,d)Pyrene	10	10	U	10	U	10	U	10	U
Dibenz(a,h)Anthracene	10	10	U	10	U	10	U	10	U
Benzo(g,h,i)perylene	10	10	U	10	U	10	U	10	U
Dilution Factor:		1.00		1.00		1.00		1.00	
Sample Volume\Weight (ml\g):		1000		1000		1000		1000	
Associated Method Blank:		S2097.D		S2097.D		S2097.D		S2097.D	
Associated Equipment Blank:		ENQS004XXX94XX		ENQS004XXX94XX		ENQS004XXX94XX		ENQS004XXX94XX	
Associated Field Blank:		-		-		-		-	

Site: MONITORING WELLS
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	CL-102 DUP	CL-102	CL-103	CL-104
	ISIS ID:	ENCL102XXX94XD	ENCL102XXX94XX	ENCL103XXX94XX	ENCL104XXX94XX
	LAB NUMBER:	2223317	2223314	2223318	2223312 D
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/05/94
	DATE EXTRACTED:	10/08/94	10/08/94	10/08/94	10/08/94
	DATE ANALYZED:	10/29/94	10/29/94	10/29/94	11/04/94
ANALYTE	SOW-3/90 - II CRQL				
alpha-BHC	0.05	0.056 U	0.05 U	0.05 U	0.5 UJ
beta-BHC	0.05	0.056 U	0.05 U	0.05 U	0.5 U
delta-BHC	0.05	0.056 U	0.05 U	0.05 U	0.5 U
gamma-BHC (Lindane)	0.05	0.056 UJ	0.05 UJ	0.05 U	0.5 UJ
Heptachlor	0.05	0.056 UJ	0.05 UJ	0.05 U	0.5 U
Aldrin	0.05	0.056 UJ	0.05 UJ	0.05 U	0.5 U
Heptachlor Epoxide	0.05	0.056 U	0.05 U	0.05 U	0.5 U
Endosulfan I	0.05	0.056 U	0.05 U	0.05 U	0.5 U
Dieldrin	0.1	0.11 UJ	0.1 UJ	0.1 U	1.0 U
4,4'-DDE	0.1	0.11 U	0.1 U	0.1 U	0.99 J
Endrin	0.1	0.11 UJ	0.1 UJ	0.1 U	1.0 U
Endosulfan II	0.1	0.11 U	0.1 U	0.1 U	1.0 U
4,4'-DDD	0.1	0.11 U	0.1 U	0.1 U	1.0 U
Endrin Aldehyde	0.1	0.11 UJ	R	0.1 UJ	1.0 U
Endosulfan Sulfate	0.1	0.11 U	0.1 U	0.1 U	1.0 U
4,4'-DDT	0.1	0.11 UJ	0.1 UJ	0.1 U	1.0 U
Methoxychlor	0.5	0.56 U	0.5 U	0.5 U	5.0 U
Endrin Ketone	0.1	0.11 U	0.1 U	0.1 U	1.0 U
alpha-Chlordane	0.05	0.056 U	0.05 U	0.05 U	0.5 U
gamma-Chlordane	0.05	0.056 U	0.05 U	0.05 U	0.5 U
Toxaphene	5	5.6 U	5.0 U	5.0 U	50 U
Aroclor-1016	1	1.1 U	1.0 U	1.0 U	10 U
Aroclor-1221	2	2.2 U	2.0 U	2.0 U	20 U
Aroclor-1232	1	1.1 U	1.0 U	1.0 U	10 U
Aroclor-1242	1	1.1 U	1.0 U	1.0 U	10 U
Aroclor-1248	1	1.1 U	1.0 U	1.0 U	10 U
Aroclor-1254	1	1.1 U	1.0 U	1.0 U	10 U
Aroclor-1260	1	1.1 U	1.0 U	1.0 U	10 U
Dilution Factor:		1.00	1.00	1.00	10.0
Sample Volume\Weight (ml\g):		900	1000	1000	1000
Associated Method Blank:		PWB1008B	PWB1008B	PWB1008B	PBW1008A2
Associated Equipment Blank:		ENQSXX2XXX94XX	ENQSXX2XXX94XX	ENQSXX2XXX94XX	ENQSXX2XXX94XX
Associated Field Blank:		-	-	-	-

Site: SUMP LIQUIDS
U: not detected J: estimated R: unusable

Table 2
Validation / Summary Table

	LOCATION:	CD-101		CD-103	
	ISIS ID:	ENCD101XXX94XX		ENCD103XXX94XX	
	LAB NUMBER:	2223303		2223304	
	DATE SAMPLED:	10/04/94		10/04/94	
	DATE EXTRACTED:	10/08/94		10/08/94	
	DATE ANALYZED:	11/13/94		11/13/94	
ANALYTE	SOW-3/90 - II CRQL				
alpha-BHC	1.7	45	JN		R
beta-BHC	1.7		R		R
delta-BHC	1.7		R		R
gamma-BHC (Lindane)	1.7		R	6.2	J
Heptachlor	1.7		R		R
Aldrin	1.7		R		R
Heptachlor Epoxide	1.7		R	8.7	J
Endosulfan I	1.7		R		R
Dieldrin	3.3		R		R
4,4'-DDE	3.3		R		R
Endrin	3.3		R		R
Endosulfan II	3.3		R		R
4,4'-DDD	3.3		R		R
Endrin Aldehyde	3.3		R		R
Endosulfan Sulfate	3.3		R		R
4,4'-DDT	3.3		R		R
Methoxychlor	17		R		R
Endrin Ketone	3.3		R		R
alpha-Chlordane	1.7		R		R
gamma-Chlordane	1.7		R		R
Toxaphene	170		R		R
Aroclor-1016	33		R		R
Aroclor-1221	67		R		R
Aroclor-1232	33		R		R
Aroclor-1242	33		R		R
Aroclor-1248	33		R		R
Aroclor-1254	33		R		R
Aroclor-1260	33		R		R
Dilution Factor:		5.00		2.00	
Percent Solids:		32		55	
Sample Volume\Weight (ml\g):		30.0		30.0	
Associated Method Blank:		PSB1008B		PSB1008B	
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:		-		-	

Site: SUMP SEDIMENTS
J: estimated N: presumptive evidence R: unusable

Table 2
Validation / Summary Table

LOCATION:	WT-101 DUP	WT-101	WT-102	WT-103	WT-104	WT-105	WT-106
ISIS ID:	ENWT101XXX94XD	ENWT101XXX94XX	ENWT102XXX94XX	ENWT103XXX94XX	ENWT104XXX94XX	ENWT105XXX94XX	ENWT106XXX94XX
LAB NUMBER:	2223309	2223306	2223305	2223310	2223311	2223301	2223302 D
DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94
DATE EXTRACTED:	10/25/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94	10/08/94
DATE ANALYZED:	12/02/94	11/13/94	11/13/94	11/13/94	11/13/94	11/13/94	11/17/94

ANALYTE	SOW-3/90 - II CRQL													
alpha-BHC	1.7	2.0	UJ		R		R	29	U		R		R	37	U
beta-BHC	1.7	2.0	UJ	97	U		R	29	U		R		R		R
delta-BHC	1.7	2.0	UJ	97	U		R	29	U		R		R	37	U
gamma-BHC (Lindane)	1.7		R		R		R		R		R		R	37	U
Heptachlor	1.7		R		R		R	29	U		R	3.7	JN	37	U
Aldrin	1.7		R		R		R	48	J		R		R	37	U
Heptachlor Epoxide	1.7	2.0	UJ		R		R	29	U		R	6.2	JN	37	U
Endosulfan I	1.7		R		R		R	96			R	5.9	JN	37	U
Dieldrin	3.3		R		R		R		R	27	JN	3.4	J	73	U
4,4'-DDE	3.3	3.9	UJ		R	50	J		R	51	JN	10	J	73	U
Endrin	3.3	3.9	UJ	190	UJ		R	56	U		R		R	73	U
Endosulfan II	3.3	3.9	UJ	190	U		R	56	U		R		R	73	U
4,4'-DDD	3.3	3.9	UJ	190	U		R		R		R		R	73	U
Endrin Aldehyde	3.3		R		R		R	56	U		R		R	73	U
Endosulfan Sulfate	3.3	3.9	UJ	190	U		R	56	U		R		R	73	U
4,4'-DDT	3.3	7.1	J		R		R	62	JN		R		R	73	U
Methoxychlor	17	20	UJ	970	U		R	290	U		R		R	370	U
Endrin Ketone	3.3	3.9	UJ	190	U		R	56	U		R		R	73	U
alpha-Chlordane	1.7	2.0	UJ	97	U		R	29	U	36	J	4.9	J	37	U
gamma-Chlordane	1.7	2.0	UJ		R		R	32	JN	21	J		R	37	U
Toxaphene	170	200	UJ	9700	U		R	2900	U		R		R	3700	U
Aroclor-1016	33	39	UJ	1900	U		R	560	U		R		R	730	U
Aroclor-1221	67	80	UJ	3800	U		R	1100	U		R		R	1500	U
Aroclor-1232	33	39	UJ	1900	U		R	560	U		R		R	730	U
Aroclor-1242	33	39	UJ	1900	U		R	560	U		R		R	730	U
Aroclor-1248	33	39	UJ	1900	U		R	560	U		R		R	730	U
Aroclor-1254	33	39	UJ	1900	U		R	560	U		R		R	730	U
Aroclor-1260	33	39	UJ	1900	U		R	560	U		R		R	730	U

Dilution Factor:	1.00	50.0	5.00	10.0	5.00	1.00	20.0
Percent Solids:	84	88	48	59	60	91	91
Sample Volume\Weight (ml\g):	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Associated Method Blank:	PSB1025A	PSB1008B	PSB1008B	PSB1008B	PSB1008B	PSB1008B	PSB1008A
Associated Equipment Blank:	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:	-	-	-	-	-	-	-

Site: WASTE-SLUDGE
U: not detected J: estimated R: unusable N: presumptive evidence

Table 2
Validation / Summary Table

	LOCATION:	SS-101		SS-102 DUP		SS-102	
	ISIS ID:	ENSS101XXX94XX		ENSS102XXX94XD		ENSS102XXX94XX	
	LAB NUMBER:	2241101		2241105		2241102	
	DATE SAMPLED:	10/28/94		10/28/94		10/28/94	
	DATE EXTRACTED:	11/01/94		11/01/94		11/01/94	
	DATE ANALYZED:	12/08/94		12/08/94		12/08/94	
ANALYTE	SOW-3/90 - II CRQL						
alpha-BHC	1.7		R	2.3	U	2.3	U
beta-BHC	1.7		R	2.3	U	2.3	U
delta-BHC	1.7		R	2.3	UJ	2.3	UJ
gamma-BHC (Lindane)	1.7		R	2.3	U	2.3	U
Heptachlor	1.7	7.3	J	2.3	UJ	2.3	UJ
Aldrin	1.7		R	2.3	U	2.3	U
Heptachlor Epoxide	1.7		R	2.3	U	2.3	U
Endosulfan I	1.7		R	2.3	U	2.3	U
Dieldrin	3.3		R	4.5	UJ	4.5	UJ
4,4'-DDE	3.3		R	4.5	U	4.5	U
Endrin	3.3		R	4.5	U	4.5	U
Endosulfan II	3.3		R		R	4.5	U
4,4'-DDD	3.3		R	4.5	U	4.5	U
Endrin Aldehyde	3.3		R	4.5	U	4.5	U
Endosulfan Sulfate	3.3		R	4.5	U	4.5	U
4,4'-DDT	3.3	14	NJ		R	4.5	U
Methoxychlor	17	94	UJ	23	U	23	UJ
Endrin Ketone	3.3		R		R		R
alpha-Chlordane	1.7		R	2.3	U	2.3	U
gamma-Chlordane	1.7		R	2.3	U	2.3	U
Toxaphene	170		R	230	U	230	U
Aroclor-1016	33		R	45	U	45	U
Aroclor-1221	67		R	91	U	91	U
Aroclor-1232	33		R	45	U	45	U
Aroclor-1242	33		R	45	U	45	U
Aroclor-1248	33		R	45	U	45	U
Aroclor-1254	33		R	45	U	45	U
Aroclor-1260	33		R	45	U	45	U
Dilution Factor:		5.00		1.00		1.00	
Percent Solids:		90		74		74	
Sample Volume\Weight (ml\g):		30.0		30.0		30.0	
Associated Method Blank:		PSB1101A		PSB1101A		PSB1101A	
Associated Equipment Blank:		ENQS003XXX94XX		ENQS003XXX94XX		ENQS003XXX94XX	
Associated Field Blank:		-		-		-	

Site: SURFACE SOILS
U: not detected R: unusable J: estimated N: presumptive evidence

Table 2
Validation / Summary Table

	LOCATION:	BS-101		BS-102	
	ISIS ID:	ENBS101XX694XX		ENBS102XX694XX	
	LAB NUMBER:	2241106		2241107	
	DATE SAMPLED:	10/27/94		10/28/94	
	DATE EXTRACTED:	11/01/94		11/01/94	
	DATE ANALYZED:	12/08/94		12/08/94	
ANALYTE	SOW-3/90 - II CRQL				
alpha-BHC	1.7	2.2	U	2.1	U
beta-BHC	1.7	2.2	U	2.1	U
delta-BHC	1.7	2.2	UJ	2.1	UJ
gamma-BHC (Lindane)	1.7	2.2	U	2.1	U
Heptachlor	1.7	2.2	U	2.1	U
Aldrin	1.7	2.2	U	2.1	U
Heptachlor Epoxide	1.7	2.2	U	2.1	U
Endosulfan I	1.7	2.2	U	2.1	U
Dieldrin	3.3	4.3	U	4.1	U
4,4'-DDE	3.3	4.3	U	4.1	U
Endrin	3.3	4.3	U	4.1	U
Endosulfan II	3.3	4.3	U	4.1	U
4,4'-DDD	3.3	4.3	U	4.1	U
Endrin Aldehyde	3.3	4.3	U	4.1	U
Endosulfan Sulfate	3.3	4.3	U	4.1	U
4,4'-DDT	3.3	4.3	U	4.1	U
Methoxychlor	17	22	U	21	U
Endrin Ketone	3.3	4.3	U	4.1	U
alpha-Chlordane	1.7	2.2	U	2.1	U
gamma-Chlordane	1.7	2.2	U	2.1	U
Toxaphene	170	220	U	210	U
Aroclor-1016	33	43	U	41	U
Aroclor-1221	67	87	U	83	U
Aroclor-1232	33	43	U	41	U
Aroclor-1242	33	43	U	41	U
Aroclor-1248	33	43	U	41	U
Aroclor-1254	33	43	U	41	U
Aroclor-1260	33	43	U	35	J
Dilution Factor:		1.00		1.00	
Percent Solids:		77		81	
Sample Volume\Weight (ml\g):		30.0		30.0	
Associated Method Blank:		PSB1101A		PSB1101A	
Associated Equipment Blank:		ENQS003XXX94XX		ENQS003XXX94XX	
Associated Field Blank:		-		-	

Site: SOIL BORINGS
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	MW-101 DUP		MW-101		MW-102		MW-103	
	ISIS ID:	ENMW101XXX94XD		ENMW101XXX94XX		ENMW102XXX94XX		ENMW103XXX94XX	
	LAB NUMBER:	2263804		2263801		2263805		2263806	
	DATE SAMPLED:	11/30/94		11/30/94		11/30/94		11/30/94	
	DATE EXTRACTED:	12/03/94		12/03/94		12/03/94		12/03/94	
	DATE ANALYZED:	12/12/94		12/12/94		12/12/94		12/12/94	
ANALYTE	SOW-3/90 - II CRQL								
alpha-BHC	0.05	0.05	UJ	0.05	UJ	0.05	UJ	0.05	UJ
beta-BHC	0.05	0.05	U	0.05	U	0.05	U	0.05	UJ
delta-BHC	0.05	0.05	U	0.05	U	0.05	U	0.05	UJ
gamma-BHC (Lindane)	0.05	0.05	U	0.05	U	0.05	U	0.05	UJ
Heptachlor	0.05	0.05	U	0.05	U	0.05	U	0.05	UJ
Aldrin	0.05	0.05	U	0.05	U	0.05	U	0.05	UJ
Heptachlor Epoxide	0.05	0.05	U	0.05	U	0.05	U	0.05	UJ
Endosulfan I	0.05	0.05	U	0.05	U	0.05	U	0.05	UJ
Dieldrin	0.1	0.1	U	0.1	U	0.1	U	0.1	UJ
4,4'-DDE	0.1	0.1	U	0.1	U	0.1	U	0.1	UJ
Endrin	0.1	0.1	U	0.1	U	0.1	U	0.1	UJ
Endosulfan II	0.1	0.1	U	0.1	U	0.1	U	0.1	UJ
4,4'-DDD	0.1	0.1	U	0.1	U	0.1	U	0.1	UJ
Endrin Aldehyde	0.1	0.1	U	0.1	U	0.1	U	0.1	UJ
Endosulfan Sulfate	0.1	0.1	U	0.1	U	0.1	U	0.1	UJ
4,4'-DDT	0.1	0.1	UJ	0.1	UJ	0.1	UJ	0.1	UJ
Methoxychlor	0.5	0.5	U	0.5	U	0.5	U	0.5	UJ
Endrin Ketone	0.1	0.1	U	0.1	U	0.1	U	0.1	UJ
alpha-Chlordane	0.05	0.05	U	0.05	U	0.05	U	0.05	UJ
gamma-Chlordane	0.05	0.05	U	0.05	U	0.05	U	0.05	UJ
Toxaphene	5	5.0	U	5.0	U	5.0	U	5.0	UJ
Aroclor-1016	1	1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1221	2	2.0	U	2.0	U	2.0	U	2.0	UJ
Aroclor-1232	1	1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1242	1	1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1248	1	1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1254	1	1.0	U	1.0	U	1.0	U	1.0	UJ
Aroclor-1260	1	1.0	U	1.0	U	1.0	U	1.0	UJ
Dilution Factor:		1.00		1.00		1.00		1.00	
Sample Volume\Weight (ml\g):		1000		1000		1000		1000	
Associated Method Blank:		PWB1203A		PWB1203B		PWB1203A		PWB1203A	
Associated Equipment Blank:		ENQS004XXX94XX		ENQS004XXX94XX		ENQS004XXX94XX		ENQS004XXX94XX	
Associated Field Blank:		-		-		-		-	

Site: MONITORING WELLS
U: not detected J: estimated

Table 2
Validation / Summary Table

		LOCATION:	CL-102 DUP		CL-102		CL-103		CL-104	
		ISIS ID:	ENCL102XXX94XD		ENCL102XXX94XX		ENCL103XXX94XX		ENCL104XXX94XX	
		LAB NUMBER:	223317		223314		223318		223312	
		DATE SAMPLED:	10/04/94		10/04/94		10/04/94		10/05/94	
ANALYTE	SOW-3/90 - II CRDL									
Aluminum	200		9040		9520		366		27000	
Antimony	60		38.0	U	38.0	U	38.0	U	38.0	U
Arsenic	10		5.3	J	5.0	U	5.0	U	54.2	
Barium	200		180	J	203		39.6	J	1320	
Beryllium	5		2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5		29.2	J	32.7	J	2.1	J	122	J
Calcium	5000		53800		58400		68800		580000	
Chromium	10		137		147		9.7	J	1870	
Cobalt	50		30.7	J	38.0	J	21.4	J	375	
Copper	25		1820		1970		120		4930	
Iron	100		70000		91200		20000		265000	
Lead	3		1960			R		R	5510	
Magnesium	5000		10600		12100		18300		57000	
Manganese	15		1300	J	1610	J	2710	J	2330	J
Mercury	0.2		1.6		2.0		0.20	U*	545	
Nickel	40		155	J	196	J	48.7		3500	
Potassium	5000		4600	J	5350		13200		30800	
Selenium	5			R		R		R		R
Silver	10		5.0	U	5.0	U	5.0	U	23.1	
Sodium	5000		5840		5870		38300		2030000	
Thallium	10		5.0	U	5.0	U	5.0	UJ	5.0	UJ
Vanadium	50		67.3		76.5		17.0	U	124	
Zinc	20		7190		8540		337		24500	
Cyanide	10		10.0	U	10.0	U	10.0	U	10.0	U
Associated Method Blank:			PBENRX1		PBENRX1		PBENRX1		PBENRX1	
Associated Equipment Blank:			ENQSXX2XXX94XX		ENQSXX2XXX94XX		ENQSXX2XXX94XX		ENQSXX2XXX94XX	
Associated Field Blank:			-		-		-		-	

Site: SUMP LIQUIDS
U: not detected J: estimated R: unusable *: duplicate analysis not met

Table 2
Validation / Summary Table

	LOCATION:	CD-101		CD-103	
	ISIS ID:	ENCD101XXX94XX		ENCD103XXX94XX	
	LAB NUMBER:	223303		223304	
	DATE SAMPLED:	10/04/94		10/04/94	
ANALYTE	SOW-3/90 - II CRDL				
Aluminum	40	1750	J	4270	
Antimony	12	23.1	UJ	16.1	J
Arsenic	2	6.6	J	6.8	J
Barium	40	142	J	186	
Beryllium	1	1.2	UJ	0.67	U
Cadmium	1	11.6	J	10.2	J
Calcium	1000	4460	J	17800	
Chromium	2	78.4	J	254	
Cobalt	10	22.7	J	45.1	
Copper	5	181	J	650	
Iron	20	66400	J	237000	
Lead	0.6	246	J	213	
Magnesium	1000	943	UJ	3550	
Manganese	3	974	J	1290	
Mercury	0.1	1.3	J	1.0	
Nickel	8	167	J	406	
Potassium	1000	512	UJ	329	J
Selenium	1	3.0	UJ	1.7	UJ
Silver	2	3.0	UJ	1.7	UJ
Sodium	1000	2050	J	360	J
Thallium	2	3.0	UJ	1.7	UJ
Vanadium	10	16.4	J	59.3	J
Zinc	4	1140	J	1140	
Cyanide	1	1.5	UJ	0.94	U
Percent Solids:		32		55	
Associated Method Blank:		PBENRX1		PBENRX1	
Associated Equipment Blank:		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
Associated Field Blank:		-		-	

Site: SUMP SEDIMENTS
U: not detected J: estimated

Table 2
Validation / Summary Table

ANALYTE	SOW-3/90 - II CRDL	LOCATION: WT-101 DUP		WT-101		WT-102		WT-103		WT-104		WT-105		WT-106	
		ISIS ID: ENWT101XXX94XD		ENWT101XXX94XX		ENWT102XXX94XX		ENWT103XXX94XX		ENWT104XXX94XX		ENWT105XXX94XX		ENWT106XXX94XX	
		LAB NUMBER: 223309		223306		223305		223310		223311		223301		223302	
		DATE SAMPLED: 10/04/94		10/04/94		10/04/94		10/04/94		10/04/94		10/05/94		10/05/94	
Aluminum	40	6370		3910		6380	J	1870		1910		1600		1230	
Antimony	12	8.7	UJ	8.3	UJ	13.6	J	12.8	UJ	11.0	UJ	8.3	UJ	16.7	J
Arsenic	2	11.3	J	9.6	J	35.6	J	21.7	J	14.3	J	11.9	J	14.1	J
Barium	40	419		345		184	J	124		110		27.2	J	51.1	
Beryllium	1	0.83	J	0.69	J	0.69	UJ	0.67	U	0.58	U	0.44	U	0.38	U
Cadmium	1	36.8	J	21.4	J	9.1	J	18.6	J	8.8	J	4.9	J	10.3	J
Calcium	1000	7110		6720		68000	J	21300		20900		29300		13900	
Chromium	2	3730		2790		346	J	102		73.5		26.0		86.9	
Cobalt	10	861		912		29.7	J	34.8		26.5		8.6	J	33.3	
Copper	5	2770		1800		379	J	553		219		265		296	
Iron	20	56900		133000		112000	J	608000		213000		71400		282000	
Lead	0.6	1810		1850		363	J	275		46.3		60.5		296	
Magnesium	1000	1650		1330		5530	J	2900		2140		4740		2380	
Manganese	3	501		916		891	J	2830		2370		407		1360	
Mercury	0.1	1.1		1.1		52.9	J	1.8		1.4		0.88		2.3	
Nickel	8	11400		9530		209	J	129		78.2		28.3		101	
Potassium	1000	1490		1240		1160	J	2460		1460		2170		3400	
Selenium	1	5.5	UJ	2.1	J	1.9	UJ	1.5	UJ	1.6	UJ	1.1	UJ	1.0	UJ
Silver	2	16.6	J	20.5	J	1.7	UJ	1.7	UJ	1.5	UJ	1.1	UJ	0.95	UJ
Sodium	1000	6060	J	3680	J	984	J	3050		721	J	6470		8100	
Thallium	2	1.1	UJ	1.0	UJ	1.9	UJ	1.5	UJ	1.6	UJ	1.1	UJ	1.0	UJ
Vanadium	10	30.2	J	84.3	J	45.3	J	58.4	J	51.2	J	20.8	J	60.8	J
Zinc	4	2300		2090		1910	J	1370		1530		566		1390	
Cyanide	1	0.52	UJ	2.7	J	0.99	UJ	20.7		0.81	U	0.53	U	0.49	U
	Percent Solids:	84		88		48		59		60		91		91	
	Associated Method Blank:	PBENRX1		PBENRX1		PBENRX1		PBENRX1		PBENRX1		PBENRX1		PBENRX1	
	Associated Equipment Blank:	ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX		ENQSXX1XXX94XX	
	Associated Field Blank:	-		-		-		-		-		-		-	

Site: WASTE-SLUDGE
U: not detected J: estimated

77

Table 2
Validation / Summary Table

	LOCATION:	SS-101		SS-102 DUP		SS-102	
	ISIS ID:	ENSS101XXX94XX		ENSS102XXX94XD		ENSS102XXX94XX	
	LAB NUMBER:	241101		241105		241102	
	DATE SAMPLED:	10/28/94		10/28/94		10/28/94	
ANALYTE	SOW-3/90 - II CRDL						
Aluminum	40	1650		9860		10200	
Antimony	12	8.0	UJ	9.2	UJ	10.1	UJ
Arsenic	2	4.4	J	35.1	J	40.5	J
Barium	40	27.3	J	142		178	
Beryllium	1	0.42	U	4.7		4.0	
Cadmium	1	1.8	J	1.1	J	2.3	J
Calcium	1000	212000		34900		35900	
Chromium	2	11.4		10.1		14.3	
Cobalt	10	6.1	J	10.9	J	12.1	J
Copper	5	67.9		77.9		69.4	
Iron	20	7870		12800		18200	
Lead	0.6		R		R		R
Magnesium	1000	18300		7060		6400	
Manganese	3	495		380		284	
Mercury	0.1	0.40		0.61		0.88	
Nickel	8	24.5		25.9		30.8	
Potassium	1000	470	J	521	J	1010	J
Selenium	1	1.1	UJ	1.3	U	1.3	U
Silver	2	1.0	U	1.2	U	1.3	U
Sodium	1000	106	J	237	J	190	J
Thallium	2	1.1	UJ	1.3	U	1.3	U
Vanadium	10	11.7		34.4		35.4	
Zinc	4	653		2100		1940	
Cyanide	1	0.53	U	0.57	U	0.58	U
Percent Solids:		90		74		74	
Associated Method Blank:		PBENRX2		PBENRX2		PBENRX2	
Associated Equipment Blank:		ENQS003XXX94XX		ENQS003XXX94XX		ENQS003XXX94XX	
Associated Field Blank:		-		-		-	

Site: SURFACE SOILS
U: not detected J: estimated R: unusable

Table 2
Validation / Summary Table

	LOCATION:	BS-101		BS-102	
	ISIS ID:	ENBS101XX694XX		ENBS102XX694XX	
	LAB NUMBER:	241106		241107	
	DATE SAMPLED:	10/27/94		10/28/94	
ANALYTE	SOW-3/90 - II CRDL				
Aluminum	40	7130		16100	
Antimony	12	9.2	UJ	9.4	J
Arsenic	2	5.1	J	4.6	J
Barium	40	57.0		186	
Beryllium	1	0.48	U	0.93	J
Cadmium	1	0.48	UJ	0.47	UJ
Calcium	1000	12200		19700	
Chromium	2	8.7		20.8	
Cobalt	10	6.4	J	10.2	J
Copper	5	49.5		25.9	
Iron	20	15600		31100	
Lead	0.6		R		R
Magnesium	1000	4780		8670	
Manganese	3	270		485	
Mercury	0.1	0.13	U	0.12	U
Nickel	8	12.9		26.3	
Potassium	1000	982	J	2470	
Selenium	1	1.1	UJ	1.2	U
Silver	2	1.2	U	1.2	U
Sodium	1000	1330		295	J
Thallium	2	1.1	UJ	1.2	U
Vanadium	10	19.9		42.6	
Zinc	4	65.4		117	
Cyanide	1	0.67	U	0.52	U
Percent Solids:		77		81	

Associated Method Blank:	PBENRX2	PBENRX2
Associated Equipment Blank:	ENQS003XXX94XX	ENQS003XXX94XX
Associated Field Blank:	-	-

Site: SOIL BORINGS
U: not detected J: estimated R: unusable

Table 2
Validation / Summary Table

	LOCATION:	MW-101 DUP		MW-101		MW-102		MW-103	
	ISIS ID:	ENMW101XXX94XD		ENMW101XXX94XX		ENMW102XXX94XX		ENMW103XXX94XX	
	LAB NUMBER:	263804		263801		263805		263806	
	DATE SAMPLED:	11/30/94		11/30/94		11/30/94		11/30/94	
ANALYTE	SOW-3/90 - II CRDL								
Aluminum	200	2390	J	250	J	315		57.0	U
Antimony	60	52.9	J	38.0	UJ	38.0	U	47.1	J
Arsenic	10	5.0	U	5.0	U	5.0	U	5.0	U
Barium	200	88.7	J	82.5	J	80.4	J	400	
Beryllium	5	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5	2.0	UJ	2.0	UJ	2.0	UJ	2.0	UJ
Calcium	5000	136000		128000		212000		137000	
Chromium	10	7.2	J	5.0	UJ	5.0	U	5.0	U
Cobalt	50	6.0	U	6.0	U	6.0	U	6.0	U
Copper	25	11.8	J	5.0	U	5.4	J	7.5	J
Iron	100	7760		6240		1850		23600	
Lead	3	11.2	J	3.0	UJ	15.7		8.5	
Magnesium	5000	54600		53100		41000		36200	
Manganese	15	412		339		2990		5770	
Mercury	0.2	0.20	U	0.20	U	0.20	U	0.20	U
Nickel	40	26.0	U	26.0	U	26.0	U	26.0	U
Potassium	5000	14200	J	14200	J	49200	J	14200	J
Selenium	5	5.0	U	5.0	U	5.0	UJ	5.0	U
Silver	10	5.0	U	5.0	U	5.0	U	5.0	U
Sodium	5000	107000		110000		208000		63300	
Thallium	10	5.0	U	5.0	U	5.0	U	5.0	U
Vanadium	50	17.0	U	17.0	U	17.0	U	17.0	U
Zinc	20	13.6	J	5.0	U	24.7		17.5	J
Cyanide	10	10.0	U	10.0	U	10.0	U	10.0	U
Associated Method Blank:		PBENRX3		PBENRX3		PBENRX3		PBENRX3	
Associated Equipment Blank:		ENQS004XXX94XX		ENQS004XXX94XX		ENQS004XXX94XX		ENQS004XXX94XX	
Associated Field Blank:		-		-		-		-	

Site: MONITORING WELLS
U: not detected J: estimated

Table 2
Validation / Summary Table

	LOCATION:	CL-103	CL-104
	ISIS ID:	ENCL103XXX94XX	ENCL104XXX94XX
	LAB NUMBER:	D223318	D223312
	DATE SAMPLED:	10/04/94	10/05/94
ANALYTE	RL		
arsenic	52.0/5.0	5.0 U	10.0 UJ
barium	11.0	R	R
cadmium	2.0	3.8 J	2.0 U
chromium	5.0	7.9 J	5.0 UJ
lead	26.0/3.0	94.3 J	146 J
mercury	0.20	0.20 U	0.57
selenium	90.0/5.0	5.0 UJ	10.0 UJ
silver	5.0	5.0 UJ	5.0 UJ

Associated Method Blank:	EPENRX1	EPENRX1
Associated Equipment Blank:	ENQSXX2XXX94XX	ENQSXX2XXX94XX
Associated Field Blank:	-	-

SITE: SUMP LIQUIDS
Note: Inorganic Data - EPTOX Metals
U: not detected R: unusable J: estimated

81

Table 2
Validation / Summary Table

	LOCATION:	CD-101	CD-103
	ISIS ID:	ENCD101XXX94XX	ENCD103XXX94XX
	LAB NUMBER:	E223303	E223304
	DATE SAMPLED:	10/04/94	10/04/94
ANALYTE	RL		
arsenic	52.0/5.0	52.0 U	52.0 U
barium	11.0	R	R
cadmium	2.0	2.0 U	2.0 U
chromium	5.0	5.0 UJ	5.0 UJ
lead	26.0/3.0	26.0 UJ	26.0 UJ
mercury	0.20	0.20 U	0.20 U
selenium	90.0/5.0	90.0 U	90.0 U
silver	5.0	5.0 UJ	5.0 UJ

Associated Method Blank:	EPENRX1	EPENRX1
Associated Equipment Blank:	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:	-	-

SITE: SUMP SEDIMENTS
Note: Inorganic Data - EPTOX Metals
U: not detected R: unusable J: estimated

Table 2
Validation / Summary Table

ANALYTE	RL	LOCATION: WT-101 DUP ISIS ID: ENWT101XXX94XD LAB NUMBER: E223309 DATE SAMPLED: 10/04/94	WT-101 ENWT101XXX94XX E223306 10/04/94	WT-102 ENWT102XXX94XX E223305 10/04/94	WT-103 ENWT103XXX94XX E223310 10/04/94	WT-104 ENWT104XXX94XX E223311 10/04/94	WT-105 ENWT105XXX94XX E223301 10/05/94	WT-106 ENWT106XXX94XX E223302 10/05/94
arsenic	52.0/5.0	52.0 U	52.0 U	52.0 U	52.0 U	52.0 U	52.0 U	52.0 U
barium	11.0	R	R	R	R	R	R	R
cadmium	2.0	1100	1100	3.7 J	22.5	2.0 U	17.0 J	10.9 J
chromium	5.0	84.3 J	51.0 J	5.9 J	9.5 J	5.0 UJ	53.6 J	25.0 J
lead	26.0/3.0	4820 J	11400 J	26.0 UJ	58.1 J	26.0 UJ	45.2 J	60.8 J
mercury	0.20	0.25	0.34	0.20 U	0.23	0.20 U	0.52	1.2
selenium	90.0/5.0	90.0 U	90.0 U	90.0 U	90.0 U	90.0 U	90.0 U	90.0 U
silver	5.0	37.6 J	33.4 J	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Associated Method Blank:		EPENRX1	EPENRX1	EPENRX1	EPENRX1	EPENRX1	EPENRX1	EPENRX1
Associated Equipment Blank:		ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:		-	-	-	-	-	-	-

SITE: WASTE-SLUDGE
Note: Inorganic Data - EPTOX Metals
U: not detected R: unusable J: estimated

Table 2
Validation / Summary Table

	LOCATION:	SS-101	SS-102 DUP	SS-102
	ISIS ID:	ENSS101XXX94XX	ENSS102XXX94XD	ENSS102XXX94XX
	LAB NUMBER:	E241101	E241105	E241102
	DATE SAMPLED:	10/28/94	10/28/94	10/28/94
ANALYTE	RL			
arsenic	52.0	52.0 U	52.0 U	52.0 U
barium	11.0	507 J	1000 J	1080 J
cadmium	2.0	2.0 UJ	15.8 J	15.8 J
chromium	5.0	5.0 UJ	6.0 J	5.0 UJ
lead	26.0	26.0 U	33.7 J	33.7 J
mercury	0.2	0.2 U	0.2 U	0.2 U
selenium	90.0	90.0 U	90.0 U	90.0 U
silver	5.0	5.0 U	5.0 U	5.0 U
Associated Method Blank:		EPENRX2	EPENRX2	EPENRX2
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

SITE: SURFACE SOILS
Note: Inorganic Data - EPTOX Metals
U: not detected J: estimated

84

Table 2
Validation / Summary Table

	LOCATION:	CL-103	CL-104
	ISIS ID:	ENCL103XXX94XX	ENCL104XXX94XX
	LAB NUMBER:	2223318	2223312
	DATE SAMPLED:	10/04/94	10/05/94
	DATE ANALYZED:	10/12/94	10/12/94
ANALYTE	RL		
Corrosivity, inch/Year	0.01	0.01 U	0.01 U
Ignitability, Degrees F		>212	>212
Cyanide, Reactive, ppm	1	1 U	1 U
Sulfide, Reactive, ppm	1	1 U	1 U
Associated Method Blank:		WCENRX1	WCENRX1
Associated Equipment Blank:		ENQSXX2XXX94XX	ENQSXX2XXX94XX
Associated Field Blank:		-	-

SITE: SUMP LIQUIDS
U: not detected

Table 2
Validation / Summary Table

	LOCATION:	CD-101	CD-103
	ISIS ID:	ENCD101XXX94XX	ENCD103XXX94XX
	LAB NUMBER:	2223303	2223304
	DATE SAMPLED:	10/04/94	10/04/94
	DATE ANALYZED:	10/12/94	10/12/94
ANALYTE	RL		
Corrosivity, inch/Year	0.01	0.01 U	0.01 U
Ignitability, Degrees F		>212	>212
Cyanide, Reactive, ppm	1	1 U	1 U
Sulfide, Reactive, ppm	1	1 U	1 U
Associated Method Blank:		WCENRX1	WCENRX1
Associated Equipment Blank:		ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:		-	-

SITE: SUMP SEDIMENTS
U: not detected

Table 2
Validation / Summary Table

	LOCATION:	WT-101 DUP	WT-101	WT-102	WT-103	WT-104	WT-105	WT-106
	ISIS ID:	ENWT101XXX94XD	ENWT101XXX94XX	ENWT102XXX94XX	ENWT103XXX94XX	ENWT104XXX94XX	ENWT105XXX94XX	ENWT106XXX94XX
	LAB NUMBER:	2223309	2223306	2223305	2223310	2223311	2223301	2223302
	DATE SAMPLED:	10/04/94	10/04/94	10/04/94	10/04/94	10/04/94	10/05/94	10/05/94
	DATE ANALYZED:	10/12/94	10/12/94	10/12/94	10/12/94	10/12/94	10/12/94	10/12/94
ANALYTE	RL							
Corrosivity, inch/Year	0.01	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Ignitability, Degrees F		>212	>212	>212	>212	>212	>212	>212
Cyanide, Reactive, ppm	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Sulfide, Reactive, ppm	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Associated Method Blank:		WCENRX1	WCENRX1	WCENRX1	WCENRX1	WCENRX1	WCENRX1	WCENRX1
Associated Equipment Blank:		ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX	ENQSXX1XXX94XX
Associated Field Blank:		-	-	-	-	-	-	-

SITE: WASTE-SLUDGE
U: not detected

Table 2
Validation / Summary Table

	LOCATION:	SS-101	SS-102 DUP	SS-102
	ISIS ID:	ENSS101XXX94XX	ENSS102XXX94XD	ENSS102XXX94XX
	LAB NUMBER:	2241101	2241105	2241102
	DATE SAMPLED:	10/28/94	10/28/94	10/28/94
	DATE ANALYZED:	11/14/94	11/14/94	11/14/94
ANALYTE	RL			
Corrosivity, inch/Year	0.01	0.01 U	0.01 U	0.01 U
Ignitability, Degrees f		>212	>212	>212
Cyanide, Reactive, ppm	1	1 U	1 U	1 U
Sulfide, Reactive, ppm	1	1 U	1 U	1 U
Associated Method Blank:		WCENRX2	WCENRX2	WCENRX2
Associated Equipment Blank:		ENQS003XXX94XX	ENQS003XXX94XX	ENQS003XXX94XX
Associated Field Blank:		-	-	-

SITE: SURFACE SOILS
U: not detected

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
NYSDEC-PSA-14 ENRX Inc. Site; FILE: 7170-01
SOIL (ug/kg)

VOLATILE

	ENWT101XXX94XD	ENWT101XXX94XX	ENWT101XXX94XXDL	ENCD101XXX94XX
unknown aromatic	5600 J(3)	11000 J(3)	14000 J	2000 J
unknown	800 J			
trimethyl benzene isomer	5000 J(2)	10000 J(3)	7900 J	
ethyl dimethyl benzene isomer	780 J	2300 J(2)		
methyl propyl benzene isomer	780 J	1300 J		
ethyl methyl benzene isomer	1100 J	2500 J	4400 J	
unknown hydrocarbon				20000 J(9)

	ENWT102XXX94XX	ENWT106XXX94XX
unknown hydrocarbon	63 J(4)	
unknown		8 J

NO VOLATILE TIC'S WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

ENCD103XXX94XX
ENWT103XXX94XX
ENWT104XXX94XX
ENWT105XXX94XX

SEMIVOLATILE

	ENCD101XXX94XX	ENCD103XXX94XX	ENWT101XXX94XX	ENWT101XXX94XD
unknown hydrocarbon	7500 J		2000000 J(17)	63000 J(4)
unknown	360000 J(4)	86000 J(6)	250000 J(2)	170000 J(11)
unknown aromatic				54000 J(4)

	ENWT102XXX94XX	ENWT103XXX94XX	ENWT104XXX94XX	ENWT105XXX94XX
unknown hydrocarbon	56000 J(3)	33000 J(2)	160000 J(18)	19000 J(3)
unknown	490000 J(12)	140000 J(17)	18000 J(2)	73000 J(6)
unknown aromatic	38000 J(2)	7000 J(2)		20000 J(2)

	ENWT106XXX94XX
unknown	190000 J(12)

Data Qualifiers: J - estimated

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
NYSDEC-PSA-14 ENRX Inc. Site; FILE: 7170-01
AQUEOUS (ug/L)

VOLATILE

	ENCL102XXX94XD	ENCL102XXX94XX	ENCL104XXX94XX	ENCL104XXX94XXDL
unknown aromatic	5 J		370 J	
unknown freon isomer		6 J	79000 J	83000 J
naphthalene isomer		16 J		
unknown			1300 J(3)	
unknown hydrocarbon			180 J	

NO VOLATILE TIC'S WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

ENCL102XXX94XDDL ENCL102XXX94XXDL
ENCL103XXX94XX

SEMIVOLATILE

	ENQSXX1XXX94XX	ENCL102XXX94XX	ENCL102XXX94XD	ENCL103XXX94XX
unknown	120 J(10)	2000 J(4)	1200 J(5)	300 J(5)
unknown siloxane	8 J(2)			
unknown hydrocarbon		300 J(4)	640 J(11)	69 J(4)
unknown aromatic			47 J	21 J

	ENCL104XXX94XXDL
unknown	5700 J(8)
unknown hydrocarbon	4700 J(7)
unknown aromatic	820 J(2)

Data Qualifiers: J - estimated

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
NYSDEC-PSA-14 ENRX Inc. Site; FILE: 7170-02
AQUEOUS (ug/L)

VOLATILE

NO VOLATILE TIC's WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

ENQS003XXX94XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
NYSDEC-PSA-14 ENRX Inc. Site; FILE: 7170-02
SOIL (ug/kg)

VOLATILE

NO VOLATILE TIC's WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

ENBS101XX694XX
ENBS102XX694XX
ENSS102XXX94XD
ENSS101XXX94XX
ENSS102XXX94XX

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
NYSDEC-PSA-14 ENRX Inc. Site; FILE: 7170-03
AQUEOUS (ug/L)

SEMIVOLATILE

	ENQS003XXX94XX
unknown	J(5)

Data Qualifiers: J - estimated

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
NYSDEC-PSA-14 ENRX Inc. Site; FILE: 7170-03
SOIL (ug/kg)

SEMIVOLATILE

	ENBS101XX694XX	ENBS102XX694XX	ENSS101XXX94XX	ENSS102XXX94XX
unknown hydrocarbon	450 J(2)	87 J		190 J
unknown aromatic		94 J	12000 J(13)	1000 J(4)
unknown			4300 J(5)	

	ENSS102XXX94XD
unknown aromatic	180 J

Data Qualifiers: J - estimated

TENTATIVELY IDENTIFIED COMPOUND (TIC) SUMMARY
NYSDEC-PSA-14 ENRX Inc. Site; FILE: 7170-04
AQUEOUS (ug/L)

VOLATILE

	ENMW103XXX94XX
unknown	80 J(4)
unknown aromatic	9 J

NO VOLATILE TIC'S WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

ENMW101XXX94XX
ENMW101XXX94XD
ENMW102XXX94XX
ENQS004XXX94XX
ENQT002XXX94XX

SEMIVOLATILE

	ENMW101XXX94XD	ENMW102XXX94XX	ENMW103XXX94XX	ENQS004XXX94XX
unknown	2 J	49 J(5)	1000 J(7)	100 J(5)
unknown hydrocarbon		89 J(14)		

NO SEMIVOLATILE TIC'S WERE IDENTIFIED IN THE FOLLOWING SAMPLES:

ENMW101XXX94XX

Data Qualifiers: J - estimated

SECTION 4.0

SURVEY CONTROL REPORT

New York State Department of Environmental Conservation

SUPERFUND STANDBY CONTRACT

ENRX INC.

Buffalo, New York

CONTROL REPORT

January 1995

OM P. POPLI, P.E., L.S., P.C.
Consulting Engineers & Surveyors
44 Saginaw Drive
Rochester, NY 14623
(716) 442-6940

TABLE OF CONTENTS

ATTACHMENT A ..... INTRODUCTION

ATTACHMENT B ..... STATEMENT OF WORK

ATTACHMENT C ..... FIGURES

ATTACHMENT D ..... TABULATION OF DATA

ATTACHMENT E ..... FIELD NOTES

ATTACHMENT A

INTRODUCTION

INTRODUCTION

This report summarizes the results of a site investigation survey encompassing approximately 0.5 acre surrounding the ENRX Inc. located in Buffalo, New York.

The survey work needed to satisfy the requirements of the Task Order Memorandum was performed in December, 1994 by Om P. Popli, P.E., L.S., P.C., by Brad Lins, Party Chief, under the supervision of Michael F. Ives, P.L.S.

ATTACHMENT B

STATEMENT OF WORK

TASK ORDER MEMORANDUM ___

SURVEYING AND MAPPING
PRELIMINARY SITE ASSESSMENTS

The services to be provided under Task Order Memorandum ___ shall be performed in accordance with the terms and conditions of the Task Order Agreement between Om Popli Associates Incorporated (POPLI) and ABB Environmental Services (ABB-ES) dated May 5, 1991.

PROJECT SUMMARY

ABB-ES, under contract to the New York State Department of Environmental Conservation (NYSDEC), is performing Preliminary Site Assessments (PSAs) of suspected inactive hazardous waste sites in the State of New York. The purpose of the investigation is to confirm or deny the presence of hazardous waste disposal on-site and determine if a significant threat exists to public health and the environment. Task 1 activities include a data and records search and a site walkover. Task 2 involves the preparation of Work Plans for additional site investigations. Tasks 3 and 4 include initial environmental sampling and subsurface investigations, respectively.

Tasks 1 and 2 been completed and ABB-ES is developing site-specific budgets for the field investigation activities to be conducted under Tasks 3 and 4. As part of Tasks 3 and 4 the services of a licensed land surveyor are required to locate exploration locations, site features, and prepare a map for each site.

SCOPE OF SERVICES

POPLI shall provide all necessary personnel, equipment, and materials to perform the following Scope of Services in accordance with the Standard Specification described in Attachment A.

The follwoing seven sites are included under this Task Order Memorandum are:

SITE LIST

SITE NAME	NYSDEC SITE NO.	CITY/TOWN	COUNTY
Wantagh Cleaners	130054	Hempstead	Nassau
Ranco Wiping Cloth	130076	Freeport	Nassau
Green Thumb Spray Company	130518	Hempstead	Nassau
Target Products, Inc.	819015	LeRoy	Genessee

SITE LIST

SITE NAME	NYSDEC SITE NO.	CITY/TOWN	COUNTY
(continued)			
Davidson's Collision	828091	Rochester	Monroe
Hanna Furnace, Division of National Steel Corp	915029	Buffalo	Erie
ENRX, Inc.	915150	Buffalo	Erie

A site location map and site sketch for each site are provided in Attachment B.

GENERAL SERVICES. The following general services are to be provided at each of the seven sites.

1. Mobilize and demobilize all necessary survey equipment and personnel to complete the horizontal location and vertical elevation survey within the project schedule.

2. Supply POPLI's personnel with all necessary equipment and clothing including, but not limited to, hardhats and safety glasses and other items in addition to those normally utilized by POPLI at a nonhazardous site.

3. Maintain good relations with NYSDEC, the local community, and associated agencies and land owners. POPLI field personnel employed on the project should be made thoroughly cognizant of the importance of this aspect of the work and its sensitivity to the entire program.

4. Attend a health and safety meeting with ABB-ES and the NYSDEC prior to the start of the survey activities.

5. Establish appropriate horizontal and vertical control at the site (i.e., locating existing benchmarks). Refer to the Attachment A, Technical Specifications for appropriate control.

6. Establish horizontal control at all monitoring wells, borings, sample locations, corners of buildings, and other points as determined by ABB-ES and indicate on map. Horizontal positions will be tied into the New York State Plane Coordinate System. Horizontal accuracy is to be 0.1 foot.

7. Establish vertical control at all monitoring wells, borings, sample locations, and corners of buildings as determined by ABB-ES and indicate on map. Vertical

elevations will be tied to mean sea level, 1929 General Adjustment. Vertical elevation accuracy will be 0.01 foot.

8. Locate and indicate specific features of the site on the map, such as the location and extent of filled areas, buried tanks, waste piles, buildings, etc. as determined by ABB-ES.

9. Provide all necessary measures for securing POPLI's equipment during the conduct of the work.

10. Conduct all field activities in an efficient and professional manner with minimum impact to the site environment. Tree and brush removal and other activities which impact the existing site environment shall not be undertaken without prior approval by ABB-ES.

11. Prepare a map showing property and site boundaries, developed through the use of current tax maps. The name of current property owners are to be shown on the map. In addition the map shall contain north arrow, scale, a legend that shows designations (wells, borings, sample locations, etc.) and a title block containing the official site name and site number.

12. Provide an electronic copy of the map on a 3.5-inch diskette in a format compatible with AutoCADD Release 12.

13. Provide a final bound report for each site summarizing coordinates of all surveyed locations, and ground elevations, together with any comments pertinent to each location. Sampling locations shall be referenced by identification numbers, to be provided by ABB-ES. This report shall also contain photocopies of all field notes and calculations as an appendix. The report shall describe procedures, traverses, and closures, and will note any significant observations relative to the survey. The final report shall be complete and accurate and shall not contain any errors. Any errors or omissions by POPLI shall be corrected by POPLI at no cost to ABB-ES within two weeks of notice of errors/omissions, so as not to jeopardize the overall project schedule. The final report shall be signed by a surveyor licensed in the State of New York.

14. Provide current health and safety certificates of all POPLI field personnel assigned to field surveying activities at any of the seven sites.

The methods, procedures and techniques to be used by POPLI are the responsibility of POPLI, and shall be designed to meet the intent of the specifications in Attachment A, appended hereto and incorporated by this Task Order Memorandum. Should the technical specifications conflict in any manner with the scope of services, the provisions of the scope of services shall govern.

SITE-SPECIFIC SERVICES. Specific requirements for each site are as follows:

Wantagh Cleaners

Map the site, located at the corners of Wantagh Avenue and Sandhill Road in Hepstead, New York. Include the following items in the survey:

- horizontal locations of 3 monitoring wells;
- vertical elevations of monitoring wells including top of the riser, tope of the protective casing, and the ground surface;
- major site characteristics including the building, paved areas, and leaching pools (as inidicated by manhole covers);
- property boundaries based on tax map data; and
- 10 miscellaneous spot locations to be established by ABB-ES.

Ranco Wiping Cloth

Map the approximately 0.24-acre site located at 409 North Main Street, Freeport, New York. Include the following items in the survey:

- horizontal locations of 5 shallow subsurface soil samples;
- horizontal locations of 3 monitoring wells;
- vertical elevations of monitoring wells including top of the riser, tope of the protective casing, and the ground surface;
- major site characteristics including the edge of paved areas, building corners, and the drywell;
- property boundaries based on tax map data; and
- 10 miscellaneous spot locations to be established by ABB-ES.

Green Thumb Spray Company

Map the approximately 0.2-acre site located at 627 Peninsula Boulevard, Hempstead, New York. Include the following items in the survey:

- horizontal locations of up to 3 shallow subsurface soil samples;
- horizontal locations of 3 monitoring wells;
- vertical elevations of monitoring wells including top of the riser, tope of the protective casing, and the ground surface;
- major site characteristics including edge of the paved area, building corners, and drywell;
- property boundaries based on tax map data; and
- 10 miscellaneous spot locations to be established by ABB-ES.

- vertical elevations of monitoring wells including top of the riser, tope of the protective casing, and the ground surface;
- major site characteristics including the outline of the Union Ship Canal, existing roads, and existing buildings;
- property boundaries based on tax map data; and
- 50 miscellaneous spot locations to be established by ABB-ES.

ENRX, Inc.

Map the approximately 0.5-acre site located at 766 Babcock Street, Buffalo, New York. Include the following items in the survey:

- horizontal locations of 3 monitoring wells;
- vertical elevations of monitoring wells including top of the riser, tope of the protective casing, and the ground surface;
- major site characteristics including edge of paved area, building corners, fenced areas, and locations of utility manholes;
- property boundaries based on tax map data; and
- 10 miscellaneous spot locations to be established by ABB-ES.

ABB-ES or its designated representative will provide the following services:

1. Provide POPLI with right-of-access to all locations through NYSDEC and appropriate land owners.

2. Conduct health and safety meeting with POPLI field representatives prior to initiation of survey activities.

HEALTH AND SAFETY REQUIREMENTS

Before field work begins, POPLI must submit certification to ABB-ES that each of its employees working on-site at the PSA sites is in a Medical Monitoring program and has completed the appropriate training and field experience in compliance with the new OSHA 29 CFR regulations.

POPLI is responsible for meeting the requirements of the laws and regulations that apply to its work and to its employees. POPLI is advised to investigate the new requirements of 29 CFR before beginning work on this project. All work will be done at Level D, as described in the Health and Safety Plan (HASP) which will be forwarded to POPLI by ABB-ES prior to authorization to proceed for individual sites.

PROJECT SCHEDULE

Each site survey will be schedule separately depnding on field work schedules. POPLI shall mobilize within five (5) calendar days of notice to proceed. ABB-ES anticipates that the survey for Tasks 3 and 4 field investigation activities shall commence on or about September 1, 1994. The final bound report shall be completed and provided to ABB-ES no later than 21 calender days after completion of the field work.

NYSDEC or ABB-ES reserve the right to reduce or increase the number of sampling locations, spot elevations, or temporary bench marks in this program. POPLI will provide sufficient equipment and manpower to avoid unnecessary delays.

POPLI shall assume 8-hour days and a repeating schedule of normal 5-day work week with 2 days off on weekends. If survey work falls behind schedule, POPLI shall be prepared to work reasonable overtime and mobilize additional survey equipment and personnel to complete the program within the project schedule, as specified by ABB-ES.

MEASUREMENT AND PAYMENT

The payment items shall be those presented in accordance with contract required rates included in the Contract Schedules included as Attachment C. All measurements for payment purposes shall be rounded to the nearest 0.5 hour and half day. All unit cost shall be based on "Level D Protection". Prevailing Rates do not apply to investigative activities in the PSA. A separate rate schedule is to be provided for each of the fourteen sites.

COMPENSATION

POPLI shall be compensated on a cost plus fixed fee basis for the services described in the Scope of Services as authorized and accepted by ABB-ES in accordance with the contract required rates Attachment C and the site-specific estimates included in Attachment D. Invoices shall include the project job number task order number and indicate by date, the hours, expenses, and services provided on a site by site basis. Time reports, expense reports, and itemization of miscellaneous charges shall be required as backup for each submitted invoice in accordance with the Task Order Agreement-Attachment A: Schedule B, Payment Requirements.

ATTACHMENT C

FIGURES

M.D.G. CHECKED BY M.F.I. DATE 1/10/95

IN CHARGE OF R.S. BANNERMAN DRAFTED BY

PI–10
N 10000.00
E 10000.00

(MAGNETIC)

R.O.W.

STREET

HANNAH

(40' R.O.W.)

SURVEY BASELINE
S 35°-00'-00"W

UNITED ALLOYS AND STEEL CORPORATION

R.O.W.

EP

SS–101
EL. 97.8

EL. 98.1

EL. 97.7

FENCE POSTS

N/F
FRONTIER BEEF INC.
L. 9638 P. 351
T.M. 112.14–3–1

MW–102
EL. 97.9

SS–102
EL. 97.9

ASPHALT PARKING

EL. 98.0

N/F
J. LALIME / J. DELOMINI
L. 10505 P. 83
T.M. 112.14–3–3

EL. 97.6

N/F
CITY OF BUFFALO
L. 10576 P. 93
T.M. 112.14–3–2

SURVEY BASELINE
N 54°-34'-06"W

MW–101
EL. 97.1

PI–40
N 9849.26
E 10183.31

R.O.W.

EL. 96.9

EP

EL. 96.7

CLF

EL. 96.8

ENRX INC.
2 STY. CONC. BLOCK
#766

MW–103
EL. 97.9

PI–20
N 9821.15
E 9874.77

EL. 97.2

SITE BM
CHISELED "X" ON NORTH BONNET BOLT OF HYDRANT
EL. 100.00

2 STY. BRICK
N/F
FRANCIS C. SCHROW INC.
L. 8637 P. 275
T.M. 112.14–3–4

SURVEY BASELINE
S 55°-06'-15"E

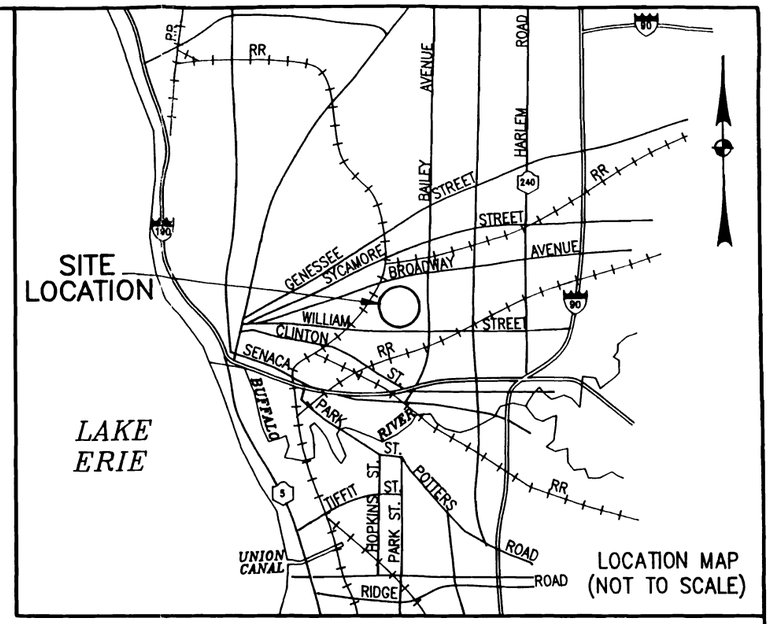
SURVEY BASELINE
N 62°-07'-11"E

(66' R.O.W.)

STREET

BABCOCK

PI–30
N 9744.31
E 9984.94



SURVEY NOTES

1.) ALL LOCATIONS ON THIS MAP ARE BASED ON AN ASSUMED COORDINATE SYSTEM.

2.) ALL ELEVATIONS SHOWN ON THIS MAP ARE BASED ON AN ASSUMED COORDINATE SYSTEM.

3.) ALL LOCATIONS SHOWN WERE INFERRED FROM SURFACE EVIDENCE ONLY. NO SUBSURFACE UTILITIES WERE DETECTED.

4.) ALL PROPERTY LINE AND RIGHT OF WAY WERE DETERMINED FROM ERIE COUNTY TAX MAPS.

30 0 30 60 FT

SCALE

LEGEND

- SURVEY CONTROL POINT
- MONITORING WELL
- SURFACE SOIL SAMPLE
- SPOT ELEVATION
- FIRE HYDRANT
- FENCE POST

ENRX INC.

PREPARED FOR:
ABB
ENVIRONMENTAL SERVICES
PORTLAND, MAINE

DATE:	SCALE:	SITE NO.
1/95	1"=30'	915150

PREPARED BY:
OM P. POPLI, P.E.,L.S.,P.C.
CONSULTING ENGINEERS & SURVEYORS
44 SAGINAW DRIVE
ROCHESTER, NEW YORK 14623
PHONE: (716) 442–6940

ENRX INC.

T @ 10 BS @ 40

HI = 5.24 HR = 4.92

0-00-00	90-24-45	237.345	4.92	40	
85-32-07	90-07-08	96.81	—	EP	@ STREET
85-31-26	90-06-27	77.84	—	"	"
85-34-21	89-49-38	48.09	—	"	"
86-11-17	89-44-09	34.60	—	"	"
08-35-56	TAPED	5.28	—	CLF	END (JOINS W/ SHOT A) {BLD @ CLF}
57-39-37	90-06-19	99.81	5.25	SS-102	
76-44-55	90-06-00	96.04	"	MW-102	
76-43-24	89-56-52	113.45	"	BLD	CNR @ EP
81-04-19	88-05-20	111.81	9.00	EP	CNR
80-36-36	87-56-13	98.35	"	"	"
78-47-51	88-22-13	73.51	7.70	EP	CNR
88-41-15	76-48-14	48.92	6.70	"	"

J

ENRX INC.

		Tω 40		Bs ω 30		
		HI = 5.06		HR = 4.93		
	0-00-00	90-16-28	224.435	4.93	30	
E	14-49-10	89-53-11	135.77	5.25	BLD	CNR ω EP
G	35-30-02	89-31-41	130.72	"	"	" "
H	45-12-58	89-33-52	197.07	"	"	" "
	58-54-13	89-38-52	230.95	"	EP	CNR
	58-19-06	89-30-52	189.42	"	"	"
	66-22-15	89-22-24	188.27	"	EP	ω CLF POST LINE
	66-25-29	89-37-04	104.76	"	PAV	" " & POINT
	47-36-41	88-50-59	22.39	"	"	ω CLF POST CNR
	13-06-19	89-41-34	68.31	"	CLF	POST END
	10-16-30	89-40-45	88.72	"	CLF	END
	07-23-17	89-56-22	117.12	"	"	"
	03-21-32	90-00-43	130.59	"	EP	
	03-46-10	89-58-19	119.10	"	"	
	08-33-20	89-55-10	119.04	"	"	
	20-41-13	89-33-28	53.89	"	"	
	10-17-47	89-36-40	43.97	"	"	
	52-51-05	88-55-08	33.04	"	MW-101	
	61-10-22	89-38-18	197.25	"	SS-101	

ENRX INC.

- LOCATIONS -

π @ 20 BS @ 10

HI = 5.24 HR = 5.23

	0-00-00	89-45-23	218.340	5.23	10	
A	02-59-29	89-24-44	83.79	5.25	BLD	@ CLF BEGIN
B	80-04-36	89-21-52	4.12	"	BLD	CNR
L	92-22-31	90-40-41	37.87	"	BLD	JOG
	166-17-46	91-18-23	6.48	"	FH	SITE BH HYD
	232-44-14	94-48-15	52.06	0.18	MW-103	FLUSH MOUNTED

π @ 30 BS @ 20

HI = 5.06 HR = 5.09

	0-00-00	89-24-13	134.335	5.09	20	
M	354-33-54	85-27-45	18.84	5.25	BLD	CNR
C	01-05-06	85-27-39	17.17	"	BLD	CNR
D	101-54-26	89-30-35	57.37	"	"	"
N	358-49-35	89-18-38	129.90	"	BLD	CNR

ENRX INC.

		π @ 10	BS @ 40	FS @ 20	
		HI = 5.24	HR = 4.92	HR = 4.96	
BS	D	0-00-00	90-24-45	237.345	40
FS	D	85-34-40	90-19-21	218.335	20
FS	1D	265-35-02	269-40-38	218.335	20
BS	1D	180-00-21	269-35-13	237.340	40
BS	D	180-00-00	90-24-47	237.340	40
FS	D	265-~~35~~ 34-38	90-19-21	218.335	20
FS	1D	85-35-01	269-40-40	218.335	20
BS	1D	0-00-24	269-35-12	237.340	40

10-20-30 = 89-53-45
20-30-40 = 117-13-26
30-40-10 = 67-18-39
40-10-20 = 85-34-39
360-00-29

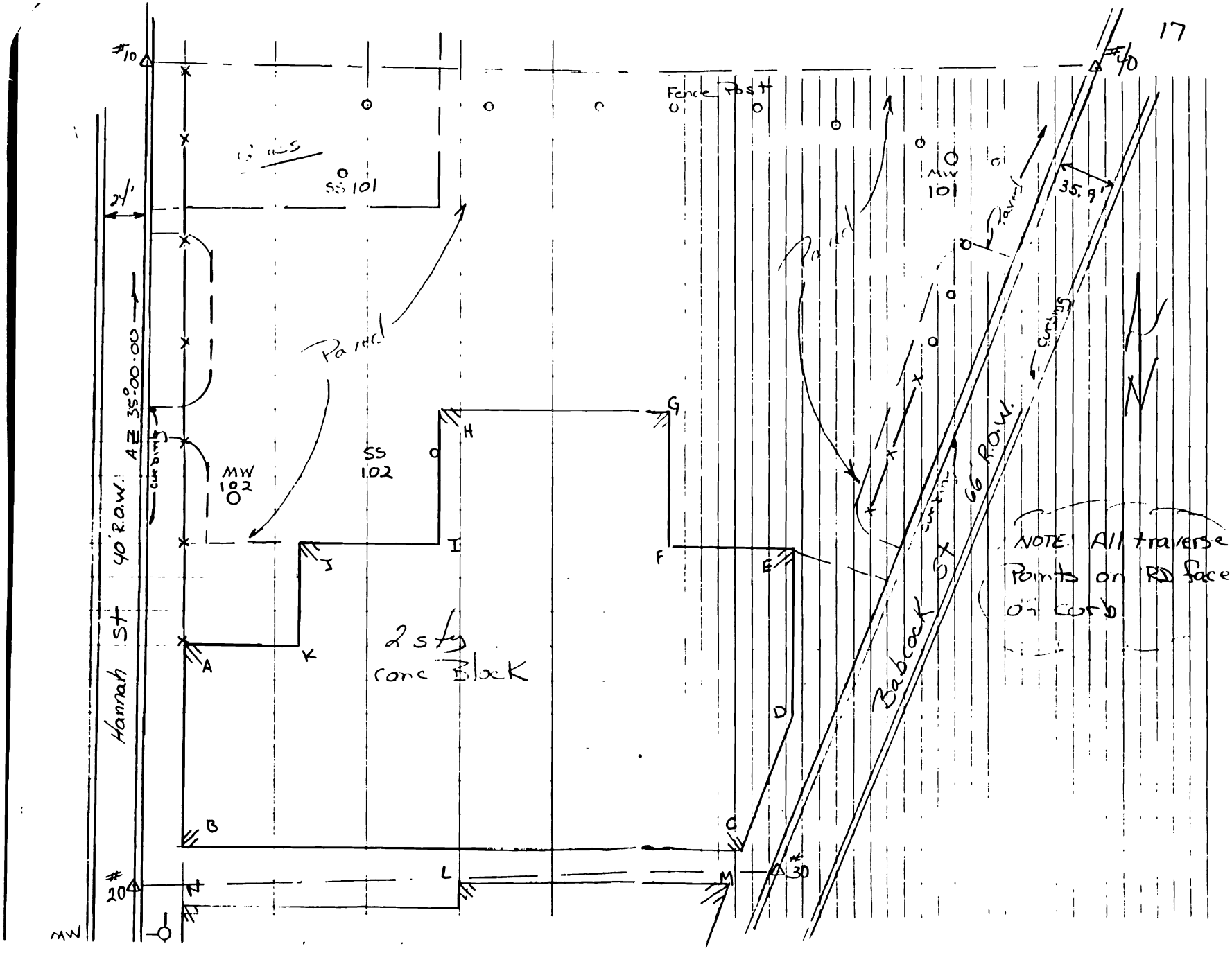
(n-2) 180 = 360-00-00
0-00-29/4 = 0:00-07 per ∠

ENRX INC.

		T @ 40	BS @ 30	FS @ 10
		HI = 5.06	HR = 4.93	HR = 5.09
BS	D	0-00-00	90-16-28	224.435	30
FS	D	67-18-38	89-39-31	237.350	10
FS	1D	247-18-55	270-20-38	237.350	10
BS	1D	180-00-13	269-43-35	224.435	30
BS	D	180-00-00	90-16-29	224.440	30
FS	D	247-18-36	89-39-29	237.350	10
FS	1D	67-18-55	270-20-39	237.350	10
BS	1D	0-00-16	269-43-37	224.435	30

ENRX INC.

		Π @ 30 HI = 5.06	BS @ 20 HR = 5.09	FS @ 40 HR = 4.92		
BS	D	0-00-00	89-24-13	134.335		20
FS	D	117-13-28	89-48-02	224.430		40
FS	1D	297-13-46	270-11-56	224.430		40
BS	1D	180-00-23	270-35-43	134.335		20
BS	D	180-00-00	89-24-10	134.330		20
FS	D	297-13-26	89-48-02	224.430		40
FS	1D	117-13-49	270-11-58	224.430		40
BS	1D	0-00-23	270-35-44	134.335		20


#10
#20
#30
Fence Post
SS 101
MW 101
MW 102
SS 102
24'
AZ 35°00.00
40' R.O.W.
Hannah St
curbing
Paved
curbing
66' R.O.W.
Babcock St
35.9'
Parcel
Parcel
2 sty
conc Block
A
B
C
D
E
F
G
H
I
J
K
L
M
N
NOTE: All traverse
Points on RD face
of curb

ENRX INC. HAZ. SITE

- CITY OF BUFFALO -

12/22/94

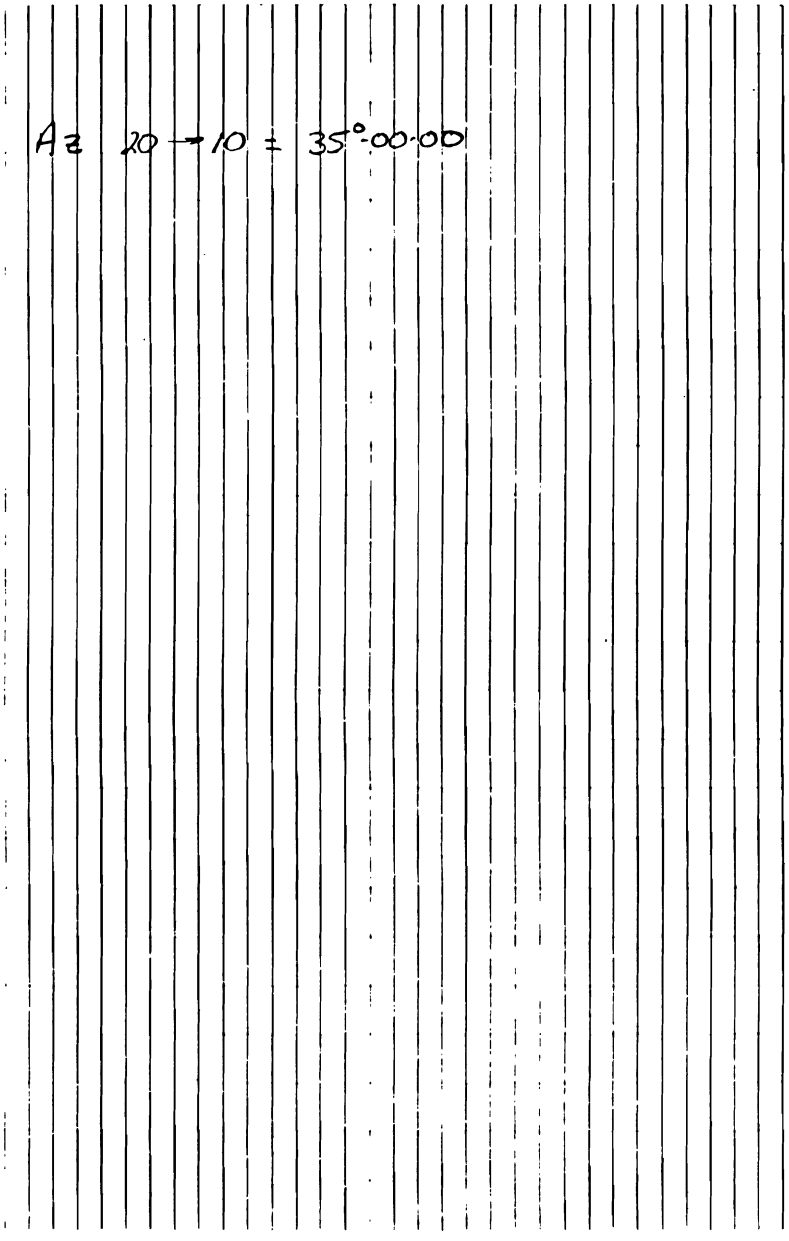
BL TF

Sunny 50°

℄ @ 20	BS @ 10	FS @ 30
HI = 5.24	HR = 5.23	HR = 4.93

BS	D	0-00-00	89-45-22	218.335	10
FS	D	89-53-45	90-43-12	134.330	30
FS	1D	269-54-13	269-16-56	134.330	30
BS	1D	180-00-27	270-44-47	218.340	10
BS	D	180-00-00	89-45-21	218.340	10
FS	D	269-53-46	90-43-11	134.330	30
FS	1D	89-54-12	269-16-59	134.330	30
BS	1D	0-00-28	270-14-49	218.340	10

Az 20 → 10 = 35°-00-00



JOB: * TIME: 13:36 DATE: 12-28-1994

Side Shot:10-133,Ang-Rt 76.4455,Zenith 90.0600,Slp Dst 96.0400,MW 102
Side Shot:10-134,Ang-Rt 76.4324,Zenith 89.5652,Slp Dst 113.4500,BLD COR J @ EP
HI / HR :Inst H 5.2400,Rod H 9.0000
Side Shot:10-135,Ang-Rt 81.0419,Zenith 88.0520,Slp Dst 111.8100,EP COR
Side Shot:10-136,Ang-Rt 80.3636,Zenith 87.5613,Slp Dst 98.3500,EP COR
HI / HR :Inst H 5.2400,Rod H 7.7000
Side Shot:10-137,Ang-Rt 78.4751,Zenith 88.2213,Slp Dst 73.5100,EP COR
HI / HR :Inst H 5.2400,Rod H 6.7000
Side Shot:10-138,Ang-Rt 88.4115,Zenith 76.4814,Slp Dst 48.9200,EP COR

Easy Survey Raw Data Editor, File ->D:\HAZSITES\ABB\ENRX\TDS\ENRX.RW5

```
JOB:Name ENRX,Date 11-13-1994,Time 12:49:52
Mode Setup:North Azimuth,Dist feet,Scale 1.0000,Earth crv OFF
Store:Pt 1,N 0.0000,E 0.0000,Elv 0.0000,NULL
Occupy:Occ 20,N 9821.1488,E 9874.7670,Elv 97.1500,PI-20
Backsight:Occ 20,BS Pt 10,BS azm 35.0000,Back circle 0.0000
HI / HR :Inst H 5.2400,Rod H 5.2500
Side Shot:20-100,Ang-Rt 2.5929,Zenith 89.2444,Slp Dst 83.7900,BLD.COR.A/CLF
Side Shot:20-101,Ang-Rt 80.0436,Zenith 89.2152,Slp Dst 4.1200,BLD COR B
Side Shot:20-102,Ang-Rt 92.2231,Zenith 90.4041,Slp Dst 37.8700,BLD COR L
Side Shot:20-103,Ang-Rt 166.1746,Zenith 91.1823,Slp Dst 6.4800,FH. SITE TBM
HI / HR :Inst H 5.2400,Rod H 0.1800
Side Shot:20-104,Ang-Rt 232.4414,Zenith 94.4815,Slp Dst 52.0600,MW. 103
Occupy:Occ 30,N 9744.3065,E 9984.9350,Elv 95.7800,PI-30
Backsight:Occ 30,BS Pt 20,BS azm 304.5345,Back circle 0.0000
HI / HR :Inst H 5.0600,Rod H 5.2500
Side Shot:30-105,Ang-Rt 354.3354,Zenith 85.2745,Slp Dst 18.8400,BLD COR M
Side Shot:30-106,Ang-Rt 1.0506,Zenith 85.2739,Slp Dst 17.1700,BLD COR C
Side Shot:30-107,Ang-Rt 101.5426,Zenith 89.3035,Slp Dst 57.3700,BLD COR D
Side Shot:30-108,Ang-Rt 358.4935,Zenith 89.1838,Slp Dst 129.9000,BLD COR N
Occupy:Occ 40,N 9849.2551,E 10183.3134,Elv 97.1950,PI-40
Backsight:Occ 40,BS Pt 30,BS azm 242.0711,Back circle 0.0000
HI / HR :Inst H 5.0600,Rod H 5.2500
Side Shot:40-109,Ang-Rt 14.4910,Zenith 89.5311,Slp Dst 135.7700,BLD COR E @ EP
Side Shot:40-110,Ang-Rt 35.3002,Zenith 89.3141,Slp Dst 130.7200,BLD COR @ EP
Side Shot:40-111,Ang-Rt 45.1258,Zenith 89.3352,Slp Dst 197.0700,BLD COR H @ EP
Side Shot:40-112,Ang-Rt 58.5413,Zenith 89.3852,Slp Dst 230.9500,EP COR
Side Shot:40-113,Ang-Rt 58.1906,Zenith 89.3052,Slp Dst 189.4200,EP COR
Side Shot:40-114,Ang-Rt 66.2215,Zenith 89.2224,Slp Dst 188.2700,EP COR @ CLF
Side Shot:40-115,Ang-Rt 66.2529,Zenith 89.3704,Slp Dst 104.7600,PAV CLF ANG.PO
Side Shot:40-116,Ang-Rt 47.3641,Zenith 88.5059,Slp Dst 22.3900,PAV CLF POST CO
Side Shot:40-117,Ang-Rt 13.0619,Zenith 89.4134,Slp Dst 68.3100,CLF POST END
Side Shot:40-118,Ang-Rt 10.1630,Zenith 89.4045,Slp Dst 88.7200,CLF BEG
Side Shot:40-119,Ang-Rt 7.2317,Zenith 89.5622,Slp Dst 117.1200,CLF END
Side Shot:40-120,Ang-Rt 3.2132,Zenith 90.0043,Slp Dst 130.5900,EP
Side Shot:40-121,Ang-Rt 3.4610,Zenith 89.5819,Slp Dst 119.1000,EP
Side Shot:40-122,Ang-Rt 8.3320,Zenith 89.5510,Slp Dst 119.0400,EP
Side Shot:40-123,Ang-Rt 20.4113,Zenith 89.3328,Slp Dst 53.2800,EP
Side Shot:40-124,Ang-Rt 10.1747,Zenith 89.3640,Slp Dst 43.9700,EP
Side Shot:40-125,Ang-Rt 52.5105,Zenith 88.5508,Slp Dst 33.0400,MW 101
Side Shot:40-126,Ang-Rt 61.1022,Zenith 89.3818,Slp Dst 197.2500,SS 101
Occupy:Occ 10,N 10000.0000,E 10000.0000,Elv 98.1000,PI-10
Backsight:Occ 10,BS Pt 40,BS azm 129.2554,Back circle 0.0000
HI / HR :Inst H 0.0000,Rod H 0.0000
Side Shot:10-127,Ang-Rt 85.3207,Zenith 90.0708,Slp Dst 96.8100,EP @ STREET
Side Shot:10-128,Ang-Rt 85.3126,Zenith 90.0627,Slp Dst 77.8400,EP @ STREET
Side Shot:10-129,Ang-Rt 85.3421,Zenith 89.4938,Slp Dst 48.0900,EP @ STREET
Side Shot:10-130,Ang-Rt 86.1117,Zenith 89.4409,Slp Dst 34.6000,EP @ STREET
Side Shot:10-131,Ang-Rt 8.3556,Zenith 90.0000,Slp Dst 5.2800,CLF END/JOIN#100
HI / HR :Inst H 5.2400,Rod H 5.2500
Side Shot:10-132,Ang-Rt 57.3937,Zenith 90.0619,Slp Dst 99.8100,SS 102
```

Easy Survey Raw Data Editor, File ->D:\HAZSITES\ABB\ENRX\TDS\TRAV.RW5

```
JOB:Name TRAV,Date 12-28-1994,Time 09:22:21
Mode Setup:North Azimuth,Dist feet,Scale 1.0000,Earth crv OFF
Store:Pt 1,N 0.0000,E 0.0000,Elv 0.0000,NULL
Store:Pt 10,N 10000.0000,E 10000.0000,Elv 98.1000,PI-10
Occupy:Occ 10,N 10000.0000,E 10000.0000,Elv 98.1000,PI-10
Backsight:Occ 10,BS Pt 0,BS azm 215.0000,Back circle 0.0000
Traverse:10-20,Ang-Rt 0.0000,Zenith 90.0000,Slp Dst 218.3370,PI-20
Traverse:20-30,Ang-Rt 89.5345,Zenith 90.4307,Slp Dst 134.3300,PI-30
Traverse:30-40,Ang-Rt 117.1326,Zenith 89.4803,Slp Dst 224.4300,PI-40
Traverse:40-41,Ang-Rt 67.1839,Zenith 89.3926,Slp Dst 237.3500,PI-10
Traverse:41-21,Ang-Rt 85.5345,Zenith 90.1921,Slp Dst 218.3350,PI-20
```

ATTACHMENT E

FIELD NOTES

Easy Survey Coordinate Editor, File ->ENRX.CR5

Point	Northing	Easting	Elevation	- Description -
1	0.0000	0.0000	0.0000	NULL
10	10000.0000	10000.0000	98.1000	PI-10
20	9821.1488	9874.7670	97.1500	PI-20
30	9744.3065	9984.9350	95.7800	PI-30
40	9849.2551	10183.3134	96.7000	PI-40
100	9887.1805	9926.3406	97.9996	BLD.COR.A/CLF
101	9819.4027	9878.4984	97.1857	BLD COR B
102	9798.1621	9904.8593	96.6918	BLD COR L
103	9815.1129	9872.4142	96.9923	FH. SITE TBM
104	9819.1006	9822.9303	97.8500	MW. 103
105	9753.5435	9968.5826	97.0805	BLD COR M
106	9754.3625	9971.0844	96.9488	BLD COR C
107	9783.5753	10026.7565	96.0809	BLD COR D
108	9816.4174	9876.8999	97.1531	BLD COR N
109	9818.5731	10051.0559	96.7792	BLD COR E @ EP
110	9866.5889	10053.7522	97.5867	BLD COR @ EP
111	9907.9747	9995.2008	98.0081	BLD COR H @ EP
112	9968.2815	9985.4028	97.9297	EP COR
113	9945.2130	10020.0056	98.1152	EP COR
114	9966.4246	10035.9612	98.5691	EP COR @ CLF
115	9914.5318	10101.3798	97.2089	PAV CLF ANG.POIN
116	9856.8126	10162.2422	96.9595	PAV CLF POST COR
117	9831.8347	10117.2630	96.8763	CLF POST END
118	9822.4215	10098.7501	97.0068	CLF BEG
119	9808.2537	10073.6049	96.6338	CLF END
120	9795.0559	10064.5018	96.4828	EP
121	9800.6024	10074.6041	96.5683	EP
122	9809.8622	10070.9804	96.6774	EP
123	9842.5837	10130.4543	96.9212	EP
124	9835.9720	10141.3988	96.8084	EP
125	9863.2008	10153.3673	97.1334	MW 101
126	9957.5261	10018.4395	97.7551	SS 101
127	9920.6660	9944.5180	97.8991	EP @ STREET
128	9936.2027	9955.4024	97.9540	EP @ STREET
129	9960.6091	9972.4140	98.2450	EP @ STREET
130	9971.8739	9979.8491	98.2595	EP @ STREET
131	9996.0743	10003.5309	98.1000	CLF END/JOIN#100
132	9900.9538	9987.6773	97.9066	SS 102
133	9913.8128	9957.6276	97.9224	MW 102
134	9898.1667	9949.9912	98.1934	BLD COR J @ EP
135	9903.7184	9943.2777	98.0688	EP COR
136	9914.9173	9950.7950	97.8805	EP COR
137	9935.2593	9965.2439	97.7306	EP COR
138	9962.5295	9970.5992	107.8077	EP COR

Fence posts w/l/No Fence

Easy Survey Coordinate Editor, File ->TRAV.CR5

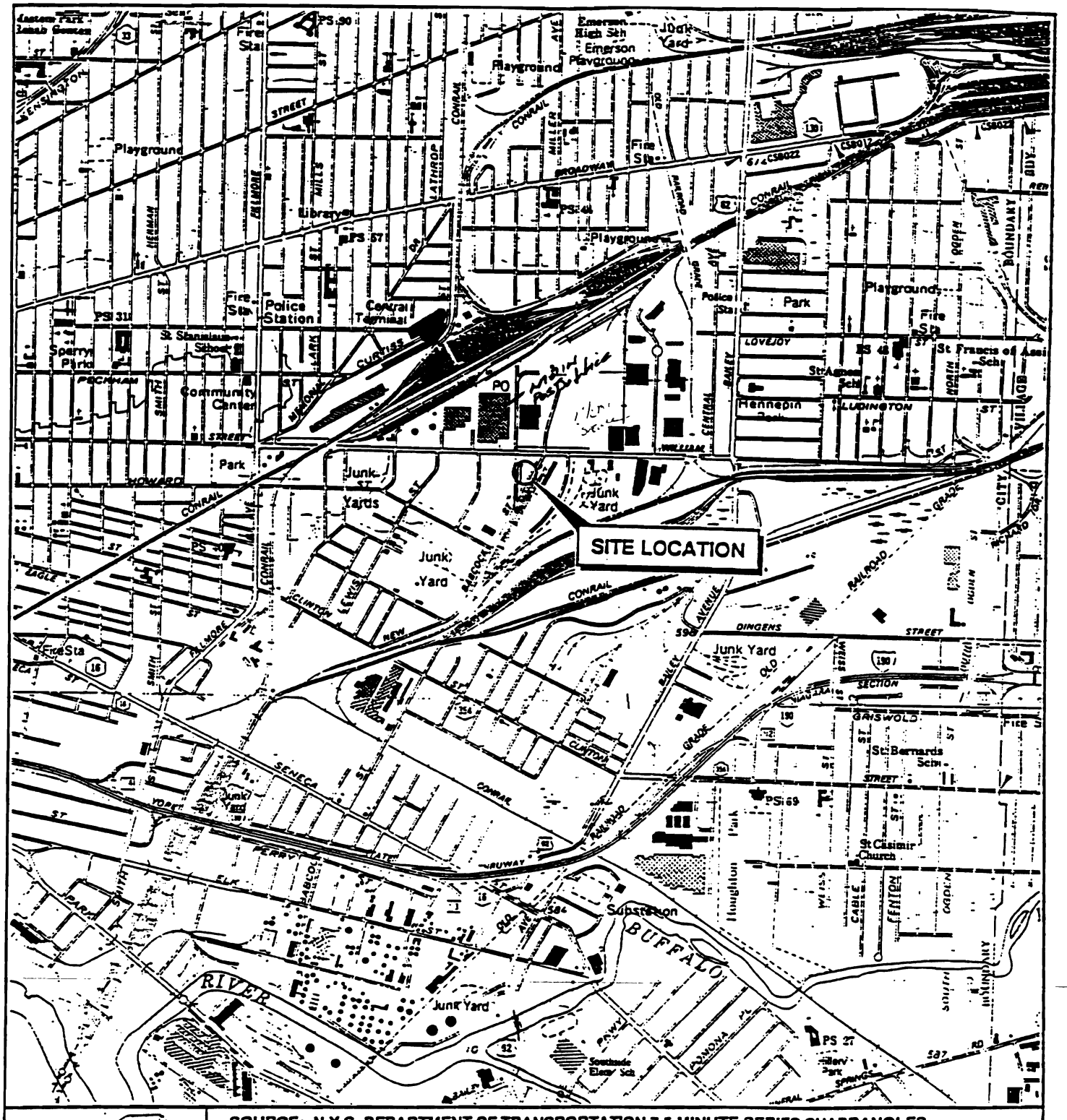
Point	Northing	Easting	Elevation	- Description -
1	0.0000	0.0000	0.0000	NULL
10	10000.0000	10000.0000	98.1000	PI-10
20	9821.1488	9874.7670	97.1500	PI-20
30	9744.3065	9984.9350	95.7800	PI-30
40	9849.2551	10183.3134	96.7000	PI-40

SUMMARY

ENRX INC.				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
SS 101	9957.53	10018.44	97.76	GROUND
SS 102	9900.95	9987.68	97.91	GROUND
MW 101	9863.20	10153.37	N/A	FLUSH MOUNT
			97.13	CASE
			96.51	RISER
MW 102	9913.81	9957.63	N/A	FLUSH MOUNT
			97.93	CASE
			97.71	RISER
MW 103	9819.10	9822.93	N/A	FLUSH MOUNT
			97.87	CASE
			97.33	RISER

ATTACHMENT D

TABULATION OF DATA



QUADRANGLE LOCATION

SOURCE: N.Y.S. DEPARTMENT OF TRANSPORTATION 7.5-MINUTE SERIES QUADRANGLES; BUFFALO NE, NEW YORK, 1989, AND BUFFALO SE, NEW YORK, 1989.

SITE NO.: 915150
LOCATION: CITY OF BUFFALO
ERIE COUNTY

FIGURE 1-1
SITE LOCATION MAP
ENRX, INC.
PRELIMINARY SITE ASSESSMENT
-- NYSDEC

ABB Environmental Services

07170-20

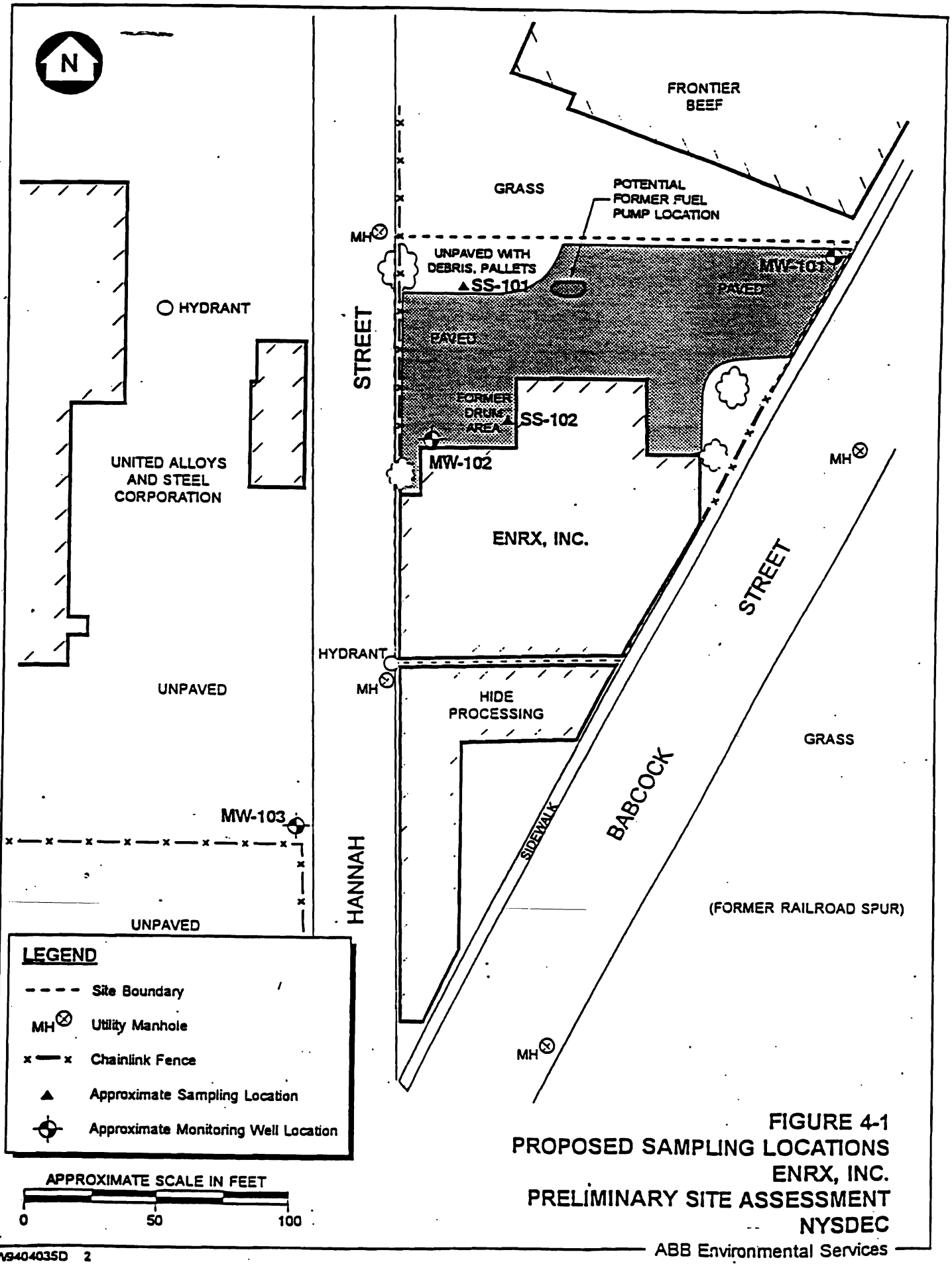


FIGURE 4-1
PROPOSED SAMPLING LOCATIONS
ENRX, INC.
PRELIMINARY SITE ASSESSMENT
NYSDEC

ENRX INC.

+	T	−	ELEV.	DATUM
2.445				
		5.12		MW-103
		4.58		
		5.295		PI-20
5.82				
		4.87		PI-10
5.76				
		6.15		MW-102
		5.93		
		7.35		MW-101
		6.73		
		7.16		PI-40
5.275				
		6.195		PI-30
6.815				
		2.59		
26.115		26.110		

24

SITE BM; FIR E/SIDE OF HANNAH ST.
BY PP (NYT-39) NORTH B-BOLT.
CHISLED "X".

RISER
RIM (FLUSH)

RISER
RIM (FLUSH)

RISER
RIM (FLUSH)

SITE BM