G-000-102.124

5217

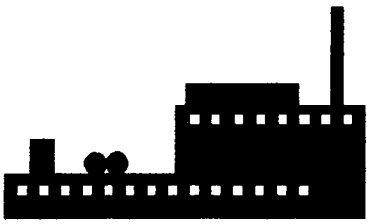
1993 ANNUAL REPORT - RESOURCE CONSERVATION AND RECOVERY ACT-FERNALD ENVIRONMENTAL MANAGEMENT PROJECT

02/28/94

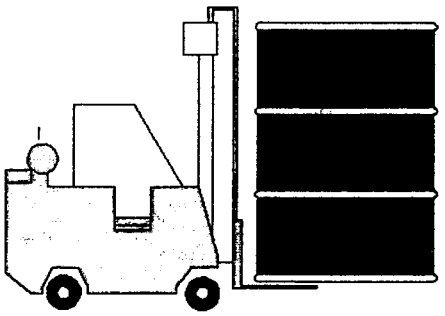
DOE-FN/OEPA
1000
REPORT

5217

FERNALD ENVIRONMENTAL MANAGEMENT PROJECT



1993 ANNUAL REPORT



U. S. Department of Energy

USEPA Identification No. OH6890008976

OHIO ENVIRONMENTAL PROTECTION AGENCY

1993 GENERATOR ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31,1993

The information requested herein is required by Rules 3745-52-41 as applicable of the Ohio Administrative Code.

REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.

Please print/type with elite type (12 characters per inch)

LABEL BELOW IS FOR REFERENCE ONLY; SECTIONS I. THROUGH VII. MUST BE COMPLETED.

Place Preprinted Label Here

I. GENERATOR'S EPA I.D. NUMBER

OH6890008976

II. NAME OF INSTALLATION

US DOE FERNALD ENV MGMT PROJECT

III. INSTALLATION MAILING ADDRESS

PO BOX 398705

Street or P.O. Box

CINCINNATI | OH | 45239-8705

City or Town | State | Zip Code

IV. LOCATION OF INSTALLATION

7400 Willey ROAD | 31

Street | County Code

FERNALD | OH | 45030 | 4953

City or Town | State | Zip Code | Primary SIC Code

V. INSTALLATION CONTACT

RAST DAVID M | 513-648-3138

Name (last and first) | Phone No. (area code & no.)

VI. TRANSPORTATION SERVICES USED

(list the name and EPA identification numbers of all hazardous waste transporters whose services were used during the reporting year.)

SEE ATTACHED LIST, PAGE 2

0001A

VII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

J. PHIL HAMRIC, MANAGER, DOE-FN | 2/28/94

Print/Type Name | Title | Signature of Authorized Representative | Date Signed

EPA 9019

5217

OHIO ENVIRONMENTAL PROTECTION AGENCY

GENERATOR ANNUAL HAZARDOUS WASTE REPORT (cont)

For the calendar year ending December 31, 1993

FACILITY INFORMATION
(specify receiving facility to which all wastes on this page were sent)

VIII. GENERATOR'S EPA I.D. NO.

IX. FACILITY'S EPA I.D.NO.

X. FACILITY NAME

XI. FACILITY'S ADDRESS

Street

City or Town

State

Zip Code

XII. WASTE IDENTIFICATION

LINE	A. DESCRIPTION OF WASTE	B.DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE (see instructions)		D. AMOUNT OF WASTE	UNIT OF MEASURE
1						
2						
3						
4						
5						
6						
7						
8						

XIII. COMMENTS (enter information by section number)

0002

Page ____ of ____

[1]

Transportation Services Used

NAME	EPA IDENTIFICATION NUMBER
Autumn Industries	OHD986974780
Chemical Waste Management, Inc.	ILD099202601
Custom Environmental Transport	DED980918858
Environmental Transportation Servicecs	OKD981605363
JB Hunt Special Commodities	ARD981908551
Kindrick Trucking Company, Inc.	TND987766078
Matlack, Inc.	DED981110166
Safety Kleen Corp.	ILD984908202
7-7 Inc.	OHD982075343

[1]Page 2 of 13

Ohio Environmental Protection Agency
GENERATOR ANNUAL WASTE REPORT

For the calendar year ending December 31, 1993

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information

IX. Facility's EPA I.D. No. NYD000632372

X. Facility Name BDT, Inc.

XI. Facility's Address

Street 4255 Research Parkway

City Clarence

State: New York

Zip Code 14031

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	WASTE COMPRESSED GAS METHANE, HYDROGEN	2.1	D001		1	P
2	WASTE LIQUIFIED HYDROGEN SULFIDE	2.3	D001	U135	10	P
3	WASTE COMPRESSED OXYGEN	2.2	D001		1	P
4	WASTE DINITROGEN TETROXIDE	2.3	D001	P078	1	P
5						P
6						P
7						P
8						P
9						P
10						P
11						P

XIII. Comments:

0004

Ohio Environmental Protection Agency
GENERATOR ANNUAL WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information
IX. Facility's EPA I.D. No. NYD049836679
X. Facility Name CWM Chemical Services, Inc.
XI. Facility's Address
Street 1550 Balmer Road
City Model City
State: New York
Zip Code 14107

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	WASTE SULFURIC ACID	8.0	D002		46	P
2	WASTE CORROSIVE LIQUIDS, N.O.S. (SULFURIC AND PHOSPHORIC ACIDS)	8.0	D002		142	P
3	WASTE CORROSIVE LIQUID, POISONOUS	8.0	D002		45	P
4	WASTE ACETIC ACID SOLUTION	8.0	D002		123	P
5	WASTE SODIUM HYDROXIDE	8.0	D002		64	P
6	WASTE HYDROCHLORIC ACID	8.0	D002		106	P
7	WASTE HYDROFLUORIC ACID	8.0	D002		50	P
8	WASTE BUTANOL	3.0	U031		135	P
9	WASTE CHLOROFORM	6.1	U228		137	P
10	WASTE HEXANE	3.0	D001	U056	440	P
11	WASTE METHANOL	3.0	U031		20	P

XIII. Comments:

0005

Ohio Environmental Protection Agency
GENERATOR ANNUAL WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information
IX. Facility's EPA I.D. No. NYD049836679
X. Facility Name CWM Chemical Services, Inc.
XI. Facility's Address
Street 1550 Balmer Road
City Model City
State: New York
Zip Code 14107

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
12	WASTE METHYLENE CHLORIDE	6.1	U080		67	P
13						
14						P
15						P
16						P
17						P
18						P
19						P
20						P
21						P
22						P
23						P
24						P

XIII. Comments:

Ohio Environmental Protection Agency
GENERATOR ANNUAL WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information
IX. Facility's EPA I.D. No. LAD010395127
X. Facility Name Rollins Environmental Services (LA), Inc.
XI. Facility's Address
Street 13351 Scenic Highway
City Baton Rouge
State: Louisiana
Zip Code 70807

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	WASTE FLAMMABLE LIQUID, N.O.S.	3.0	D001		413	P
2	TEXO CORP., TEXOL-7	3.0	D001		1,251	P
3	DIVERSEY SUPER MUL SOLVENT CLEANER	3.0	D001		997	P
4	VESTAL DOUBLE BARREL CLEANER	8.0	D002		1,075	P
5	STATE ACIDINE ACID SCALE AND RUST REMOVER	8.0	D002		535	P
6	STATE NO.810 ALUMINUM BRIGHTENER	8.0	D002		369	P
7						P
8						P
9						P
10						P
11						P

XIII. Comments:

5217

Ohio Environmental Protection Agency

GENERATOR ANNUAL WASTE REPORT

For the calendar year ending December 31, 1993

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information

IX. Facility's EPA I.D. No. TXD077603371

X. Facility Name Safety Kleen Corp.

XI. Facility's Address

Street 1722 Cooper Creek Road

City Denton

State: Texas

Zip Code 76208

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	SPENT FIXER	9.0	D011		459	P
2	TYPE 028 FIX, CD-5 DEVELOPER	9.0	D011		126	P
3	PC 49896 ITEK UNIVERSAL DEVELOPER	9.0	D011		232	P
4	SILVER THIOSULFATE	9.0	D011		50	P
5						P
6						P
7						P
8						P
9						P
10						P
11						P
12						P

XIII. Comments:

0008

5217

Ohio Environmental Protection Agency
GENERATOR ANNUAL WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information
IX. Facility's EPA I.D. No. KYD053348108
X. Facility Name Safety Kleen Corp.
XI. Facility's Address
Street State Highway 146
City Newcastle
State: Kentucky
Zip Code 40050

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	CLEAR DISPERSANT, TYPE H PREMIX CONCENTRATE	3.0	D001		44	P
2						P
3						P
4						P
5						P
6						P
7						P
8						P
9						P
10						P
11						P
12						P
13						P

XIII. Comments:

0009

Ohio Environmental Protection Agency
GENERATOR ANNUAL WASTE REPORT
For the calendar year ending December 31, 1993

5217

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information
IX. Facility's EPA I.D. No. ILD098642424
X. Facility Name Trade Waste Incineration
XI. Facility's Address
Street # 7 Mobile Avenue
City Sauget
State: Illinois
Zip Code 62201

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	WASTE CERIUM RODS	4.1	D001		189	P
2	WASTE ACTIVATED CARBON	4.2	D001		22	P
3	WASTE CALCIUM SUBSTANCES	4.3	D001	D003	6	P
4	WASTE POISONOUS SOLIDS, N.O.S.	6.1	D004 D007 P012	D005 D008	4	P
5	ANHYDROUS CHROMIUM TRIOXIDE	5.1	D001	D007	10	P
6	WASTE HYROQUINONE	6.1	D007 D010	D008 D011	7	P
7	WASTE FORMIC ACID	8.0	D002	U123	24	P
8	WASTE FUMING SULFURIC ACID	8.0	D002		9	P
9	WASTE SODIUM BOROHYDRIDE	4.3	D001	D003	1	P

XIII. Comments:

0010

Ohio Environmental Protection Agency
GENERATOR ANNUAL WASTE REPORT
For the calendar year ending December 31, 1993

5217

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information
IX. Facility's EPA I.D. No. ILD098642424
X. Facility Name Trade Waste Incineration
XI. Facility's Address
Street # 7 Mobile Avenue
City Sauget
State: Illinois
Zip Code 62201

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
10	WASTE ETHYL BROMIDE, SELENIUM DIOXIDE	6.1	D001 D010	D007	8	P
11	WASTE NITRIC ACID	8.0	D002		13	P
12	WASTE ALUMINUM NITRATE	5.1	D001		53	P
13	WASTE CALCIUM NITRATE	5.1	D001		15	P
14	WASTE BERILLIUM OXIDE, ARSENIC TRIOXIDE	6.1	D004 P012	D011	2	P
15	WASTE BERILLIUM ACETATE, ARSENIC	6.1	D004 D007 U219	D005 U218	23	P
16	WASTE ACETONITRILE	3.0	D001 U003	D038 U196	59	P
17	WASTE FORMALDEHYDE	9.0	U122		7	P
18	WASTE METHANOL	3.0	D001	D002	7	P
19	WASTE POTASSIUM CYANIDE	6.1	D003	P098	2	P
20	WASTE SODIUM CYANIDE	6.1	D003	P106	4	P

XIII. Comments:

0011

Ohio Environmental Protection Agency
GENERATOR ANNUAL WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information
IX. Facility's EPA I.D. No. ILD098642424
X. Facility Name Trade Waste Incineration
XI. Facility's Address
Street # 7 Mobile Avenue
City Sauget
State: Illinois
Zip Code 62201

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
21	WASTE BRUCINE	6.1	P018		1	P
22	WASTE FLAMMABLE LIQUIDS, N.O.S.	3.0	D001 D012	D009 D013	25	P
23	WASTE LEAD NITRATE	5.0	D001	D008	119	P
24	WASTE POISONOUS SOLIDS, N.O.S.	6.1	P113 P119	P115 P120	5	P
25	WASTE EUROPIUM METAL POWDER	4.2	D001		1	P
26	WASTE PETROLEUM SPIRITS	3.0	D001		30	P
27	WASTE ETHYL ETHER	3.0	D001	U117	6	P
28	WASTE POISONOUS SOLIDS (BRUCINE SULFATE, CADMIUM)	6.1	D004 D007	D006 D008	10	P
29	WASTE HEXANE, TOLUENE	3.0	D001	U220	119	P
30	WASTE ACETONITRILE, XYLENE	3.0	D001 U239	U003	111	P

XIII. Comments:

Ohio Environmental Protection Agency
GENERATOR ANNUAL WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information
IX. Facility's EPA I.D. No. ILD098642424
X. Facility Name Trade Waste Incineration
XI. Facility's Address
Street # 7 Mobile Avenue
City Sauget
State: Illinois
Zip Code 62201

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
31	WASTE CHLOROFORM, HYDROQUINONE	6.1	D010 D034 U210	D022 U044	23	P
32						P
33						P
34						P
35						P
36						P
37						P
38						P
39						P
40						P
41						P

XIII. Comments:

0013

Ohio Environmental Protection Agency
GENERATOR ANNUAL WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Generator's EPA I.D. No. OH6980008976

Facility Information
IX. Facility's EPA I.D. No. TN0890090004
X. Facility Name U.S. Dept. of Energy, K–25 Site
XI. Facility's Address
Street Blair Road
City Oak Ridge
State: Tennessee
Zip Code 37831

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. DOT HAZARD CLASS	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	WASTE FLAMMABLE LIQUID, N.O.S.	3.0	D001	D008	118,780	P
2						P
3						P
4						P
5						P
6						P
7						P
8						P
9						P
10						P
11						P
12						P

XIII. Comments:

0014

OHIO ENVIRONMENTAL PROTECTION AGENCY

5217

1993 FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31,1993

The information requested herein is required by Rules 3745-54-75 and 3745-65-75 as applicable of the Ohio Administrative Code.

REFER TO THE SPECIFIC INSTRUCTIONS CONTAINED IN THIS BOOKLET BEFORE COMPLETING THIS FORM.

Please print/type with elite type (12 characters per inch)

LABEL BELOW IS FOR REFERENCE ONLY; SECTIONS I. THROUGH VII. MUST BE COMPLETED.

Place Preprinted Label Here

I. FACILITY'S EPA I.D. NUMBER

OH6890089 76

II. NAME OF FACILITY

US DOE FERNALD ENV MGMT PROJECT

III. FACILITY MAILING ADDRESS

PO BOX 398705

Street or P.O. Box

CINCINNATI — City or Town

OH — State

45239-8706 — Zip Code

IV. LOCATION OF FACILITY

7400 WILLEY ROAD — Street

31 — County Code

FERNALD — City or Town

OH — State

45030 — Zip Code

4953 — Primary SIC Code

V. FACILITY CONTACT

RAST DAVID M — Name (last and first)

513-648-3138 — Phone No. (area code & no.)

VI. COST ESTIMATES FOR FACILITY

A. Cost Estimate for Facility Closure

$ NA , , .00

B. Cost Estimate for Post Closure Monitoring and Maintenance (disposal facilities only)

$ NA , , .00

0015

VII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

J. PHIL HAMRIC, MANAGER, DOE-FN — Print/Type Name

Title

Signature of Authorized Representative: J. Hamric

Date Signed: 2/28/94

EPA 9020

OHIO ENVIRONMENTAL PROTECTION AGENCY

5217

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

For the calendar year ending December 31, 1993

GENERATOR INFORMATION
(specify generator from which all wastes on this page were received)

VIII. FACILITY'S EPA I.D. NO.

IX. GENERATOR'S EPA I.D.NO.

X. GENERATOR NAME

XI. GENERATOR'S ADDRESS

Street

City or Town

State

Zip Code

XII. WASTE IDENTIFICATION

LINE	A. DESCRIPTION OF WASTE	B. HANDLING METHOD (enter code)	C. EPA HAZARDOUS WASTE CODE (see instructions)	D. AMOUNT OF WASTE	E. UNIT OF MEASURE
2					
3					
4					
5					
6					
7					
8					

COMMENTS (enter information by section number)

0016

Page ____ of ____

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT

5217

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. SCD987588084

X. Generator name Clemson Technical Center

XI. Generator's Address

Street 100 Technology Drive

City Anderson

State: South Carolina

Zip Code 29625

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	LAB WASTE, TCLP EXTRACT	S01	D018 D035 D039 F001 F005	D021 D038 D040 F002	1,841	P
2	CONTACT WASTE FROM CTC LAB	S01	D007 D009 F001 F005	D008 D039 F002	150	P
3	LAB GENERATED WASTE, METHYLENE CHLORIDE	S01	F002		614	P
4	CTC CORROSIVE WASTE	S01	D002 F002	F001 F005	2,066	P
5						P
6						P

XIII. Comments:

Page 1, Section VI – Cost Estimates – Federal Agencies are exemted from the requirements of OAC 3745–66–40 through 3745–66–48 by OAC 3745–66–40.

Page 2, Lines 1–4, This waste was generated as a result of characterization or treatabiliy studies on Fernald Environmental Management Project waste samples. In accordance with DOE Order 5820.2A it cannot be sent to a commercial facility for disposal. It must instead be returned to the Fernald site.

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

5217

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. MOD981709272

X. Generator name IT Analytical

XI. Generator's Address

Street 13715 Rider Trail North

City Earth City

State: Missouri

Zip Code 63045

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	TCLP EXTRACTS, LAB GENERATED WASTE	S01	D002		620	P
2	LAB GENERATED WASTE, OIL FROM TCLP	S01	D001 D006 D010	D004 D008	135	P
3	TCLP LEACHATE	S01	D009 F002	F001	460	P
4						P
5						P
6						P
7						P
8						P
9						P

XIII. Comments:

Lines 1 – 3, This waste was generated as a result of characterization or treatability studies on Fernald Envirnmental Management Project waste samples. In accordance with DOE Order 5820.2A it cannot be sent to a commercial facility for disposal. It must instead be returned to the Fernald site.

0018

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

5217

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
IX. Generator's EPA I.D. No. TND982116493
X. Generator name IT Corp. Oak Ridge Laboratory
XI. Generator's Address
Street 1550 Bear Creek Road
City Kingston
State: Tennessee
Zip Code 37763

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	SOLIDIFIED LAB WASTES	S01	F001 F003	F002	103,881	P
2						P
3						P
4						P
5						P
6						P
7						P
8						P
9						P
10						P
11						P

XIII. Comments:
Line 1, This waste was generated as a result of characterization or treatability studies on Fernald Environmental Management Project waste samples. In accordance with DOE Order 5820.2A it cannot be sent to a commercial facilty for disposal. It must instead be returned to the Fernald site.

0019

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

5217

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. MOD985768191

X. Generator name TCT – St. Louis

XI. Generator's Address

Street 1908 Innerbelt Business Center

City St. Louis

State: Missouri

Zip Code 63114

XII. Waste Identification

LINE	A. DESCRIPTION OF WASTE	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	LAB GENERATED WASTE ORGANIC LIQUID	S01	D010	F002	6,136	P
2	METAL EXTRACTS AND DIGESTS	S01	D002 D009 F001 F005	D008 D010 F002	7,633	P
3	OIL FROM TCLP EXTRACTS	S01	D040 F002	F001 F005	180	P
4	VOLITILE SOLID WASTE	S01	D010		170	P
5	LAB GENERATED CONTACT WASTE	S01	D004 D010	D008	3,750	P
6						P
7						P
8						P

XIII. Comments:

Lines 1–5, This waste was generated as a result of characterization or treatability studies on Fernald Environmental Management Project waste samples. In accordance with DOE Order 5820.2A it cannot be sent to a commercial facility for disposal. It must instead be returned to the Fernald site.

0020

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT

E 5217

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
IX. Generator's EPA I.D. No. OH6980008976
X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
Street: 7400 Willey Road
City: Fernald
State: Ohio
Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
1	ACETONITRILE IN WATER	S01	D001		1	P
2	CLEAR DISPERSANT, TYPE H BLACK, CYAN, ETC.	S01	D001		77	P
3	CLEAR DISPERSANT, TYPE H CONCENTRATE	S01	D001		60	P
4	CONTAMINATED NON-BURNABLE	S01	D001		3,183	P
5	CURING COMPOUND	S01	D001		383	P
6	DISCARD PROCESS RESIDUE	S01	D001		395	P
7	DISCARD PROCESS RESIDUE	S01	D001		8,095	P
8	FLAMMABLE PAINTS AND RELATED PRODUCTS	S01	D001		1,092	P
9	FLOOR COATING BASE	S01	D001		783	P
10	FURNACE SALT NON-CHLORIDE	S01	D001		169	P
11	GREASE AND WATER	S01	D001		249	P

XIII. Comments:

5217

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
IX. Generator's EPA I.D. No. OH6980008976
X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
Street: 7400 Willey Road
City: Fernald
State: Ohio
Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
12	HYDROGEN PEROXIDE SOLN.	S01	D001		2,002	P
13	KEROSENE	S01	D001		202	P
14	NON-CHLORIDE CONTAMINATED WATER	S01	D001		1,914	P
15	NON-OILY SLUDGE FOR ROASTING	S01	D001		30,815	P
16	NONRECOVERABLE TRASH	S01	D001		212	P
17	OILY SLUDGE FOR OXIDATION	S01	D001		643	P
18	OILY SLUDGES, HIGH FREE METAL	S01	D001		931	P
19	SUMP CAKE - COPPER CONTAMINATED	S01	D001		81,128	P
20	UNFIRED REDUCTION CHARGES PLUS CaF2	S01	D001		2	P
21	UNSPECIFIED IGNITABLE LIQUID	S01	D001		373	P

XIII. Comments:

0022

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

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XI. Generator Address

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
22	VARNISH – UNUSED	S01	D001		197	P
23	LAB GERATED WASTE, FLAMMABLE ORGANICS	S01	D001	D002	3,530	P
24	LABORATORY ACIDS (NITRIC AND CYCLOHEXANE)	S01	D001	D002	1,211	P
25	CONTAMINATED MAGNESIUM	S01	D001	D003	29,400	P
26	CONTAMINATED MAGNESIUM	S01	D001	D003	2,125	P
27	NON–METALLIC MIS–CELLANEOUS SAMPLES	S01	D001	D003	16	P
28	LAB GENERATED WASTE OIL FROM TCLP EXTRACTS	S01	D001 D006 D010	D004 D008	113	P
29	FURNACE SALT, NON–CHLORIDE	S01	D001 D008	D004	1,838	P

XIII. Comments:

0023

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

5217

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
30	CONTAMINATED SOLVENT, PAINT SHOP	S01	D001 D007 D009 D011 F002 F005	D005 D008 D010 D019 F003	479	P
31	PAINT, GRAY EPOXY	S01	D001	D006	287	P
32	USED OIL	S01	D001 D008 D039 F002	D006 D009 F001	437	P
33	CONTAMINATED ORGANIC CHEMICAL OR SOLVENT	S01	D001 D008 F002	D006 F001	413	P
34	1,1,1-TRICHLOROETHANE	S01	D001 F001	D006 F002	23	P
35	SOLVENT SLUDGE	S01	D001	D007	428	P
36	IMPURE THORIUM NITRATE (SOLID)	S01	D001 D008	D007	1,845	P

XIII. Comments:

0024

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

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XI. Generator Address

Street: 7400 Willey Road

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
37	IMPURE THORIUM NITRATE (SOLID)	S01	D001 D008	D007	4,405	P
38	FLAMMABLE AEROSOLS	S01	D001 D008 D019 D039	D007 D018 D035	25	P
39	PAINT WASTE FROM PAINTING BOOTH	S01	D001 D008 F003	D007 F002 F005	1,260	P
40	NONRECOVERABLE TRASH	S01	D001 F003	D007	337	P
41	OIL AND FUEL FROM GARAGE	S01	D001	D008	784	P
42	USED PAINT THINNER	S01	D001 D009 F003	D008 D035 F005	960	P
43	GASOLINE	S01	D001 D018	D008	2,388	P
44	WATER/GAS MIXTURE (TANK 8)	S01	D001 D018	D008	13,258 4,393	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
45	CONTAMINATED SUMP WATER	S01	D001 D018 D039 F002	D008 D019 D040 F003	6,835 13,258	P
46	CONTAMINATED SUMP WATER AND HYDRAULIC OIL	S01	D001 D019 D040 F003	D008 D039 F002 F005	1,478	P
47	SOLVENT SLUDGES (1,1,1-TRICHLOROETHANE, PERCHLOROETHYLENE)	S01	D001 D035	D008 F005	292	P
48	USED OIL, MAINTENANCE	S01	D001 F001	D008	231	P
49	USED AGITENE	S01	D001 F001	D008 F002	814	P
50	CONTAMINATED WATER NON-CHLORIDE	S01	D001 F003	D008 F005	124	P
51	OILY SLUDGE FOR OXIDATION	S01	D001	D010	194	P
52	OILY SLUDGE FOR OXIDATION	S01	D001	D010	336	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
53	SPENT FUELS	S01	D001	D018	446	P
54	WATER AND GAS MIXTURE, TANK #9	S01	D001	D018	8,680	P
55	PAINT BITUMASTIC 300M A & B COLD TAR COATING	S01	D001 D026	D018	73	P
56	BENZENE (LABPACKED)	S01	D001 U019	D018	6	P
57	DEGREASING SOLVENT	S01	D001 D022 D029 D039 F001 F005	D019 D028 D035 D040 F003	125,181	P
58	CONTAMINATED TBP-KEROSENE	S01	D001 D022 F002	D019 D039 F003	32	P
59	OILY SLUDGES	S01	D001 D039 F001 F005	D019 D040 F003	34,232	P

XIII. Comments:

0027

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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Generator Information
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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
60	EPOXY PRIME COAT	S01	D001	D035	163	P
61	UNUSED PAINT THINNER	S01	D001	D035	484	P
62	CONTAMINATED METHYL ETHYL KETONE	S01	D001 F005	D035	249	P
63	OILY OXIDATION SLUDGES WITH HIGH FREE METAL	S01	D001 F001	D039	5,705	P
64	U CONTAMINATED SOLVENT – (1,1,1–TRICHLOROETHANE, PERCHLOROETHYLENE)	S01	D001 F003	D039 F005	5,603	P
65	1,1,1–TRICHLOROETHANE STILL BOTTOMS	S01	D001	F001	17,142	P
66	DRUM CONTAINING 1,1,1–TRICHLOROETHANE	S01	D001	F001	245	P
67	OILY SLUDGE FOR OXIDATION	S01	D001	F001	198	P
68	OILY SLUDGE FOR OXIDATION HIGH FREE METAL	S01	D001 F002	F001	6,538	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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IX. Generator's EPA I.D. No. OH6980008976
X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
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Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
69	PAINT	S01	D001 F002	F001	450	P
70	PAINT THINNERS AND PAINT RESIDUES	S01	D001 F003	F002 F005	316	P
71	WET CAKE, NON-OILY/HALIDE	S01	D001 F003	F002 F005	124	P
72	CONTAMINATED SOLVENTS (METHANOL)	S01	D001	F003	181	P
73	CONTAMINATED WATER	S01	D001	F003	24	P
74	METHANOL	S01	D001	F003	319	P
75	METHANOL & CYCLOHEXANE	S01	D001	F003	248	P
76	METHANOL & CYCLOHEXANE MIXTURE	S01	D001	F003	6,151	P
77	SPENT ACETONE	S01	D001	F003	1,817	P
78	XYLENE	S01	D001	F003	729	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
79	NON-RECOVERABLE TRASH	S01	D001 F005	F003	132	P
80	CONTAMINATED WATER, PIT 2	S01	D002		876	P
81	DISCARD PROCESS RESIDUES	S01	D002		851	P
82	LAB GENERATED WASTE, TCLP EXTRACTS	S01	D002		341	P
83	U CONTAMINATED SOIL, ROCKS, ETC.	S01	D002 D007 D011	D004 D008	503	P
84	URANYL NITRATE SOLUTION IN TANKS	S02	D002 D007	D005	2,286,349	P
85	THORIUM TRAILER CAKES WASTE SLURRIES	S01	D002 D009	D005	402	P
86	NITRIC ACID	T34	D002	D007	319	P
87	WET SUMP OR FILTER CAKE OIL CONTAMINATED	S01	D002	D007	596	P

XIII. Comments:

Line 86: T34 is for dilution and recovery for use in chemical cleaning.

0030

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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XI. Generator Address
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
88	THORIUM NITRATE SOLUTION	S01	D002 D008	D007	5,022	P
89	LAB GENERATED WASTE ACID DIGESTATES	S01	D002 D008 D028 F001	D007 D019 D039 F002	2,878	P
90	NESSLER REAGENT, COD SOLUTION, ROCHELLE SALT	S01	D002 D009	D007 D011	10	P
91	LEAD ACID BATTERIES (BROKEN)	S01	D002	D008	6,628	P
92	METALS EXTRACTS AND DIGESTS	S01	D002 D009 F001 F005	D008 D010 F002	4,443	P
93	CAUSTIC SOLUTION FROM PLANT 8 PROCESSING	S01	D002	D019	643	P
94	CTC CORROSIVE WASTE	S01	D002 F002	F001 F005	437	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. OH6980008976

X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

Street: 7400 Willey Road

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
95	HYDROFLUORIC ACID	S02	D002	U134	36,736	P
96	MAGNESIUM FLAKE AND OILY RAGS	S01	D003		165	P
97	URANIUM HEXAFLUORIDE AND URANIUM TETRAFLUORIDE	S01	D003		16	P
98	CONTAMINATED INSOLUBLE OIL	S01	D003 D009 D040 F002 F005	D008 D039 F001 F003	375	P
99	SCRAP U3O8 HIGH F	S01	D004		242,466	P
100	SOLIDIFIED FURNACE SALTS, NON-CHLORIDE	S01	D004		246,357	P
101	U3O8 FOR REOXIDATION	S01	D004		7,841	P
102	BORING # 1511	S01	D004 D006	D005 D007	670	P

XIII. Comments:

0032

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT

5217

For the calendar year ending December 31, 1993

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Generator Information
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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
103	BORING # 1514	S01	D004 D006 D008	D005 D007	670	P
104	BORING #1515, FROM THE FIRE TRAINING GROUNDS	S01	D004 D006 D008	D005 D007	570	P
105	LIQUID AND SOLID WASTE SAMPLES	S01	D004 D006 D008 D018	D005 D007 D010 F002	25	P
106	BORING # 1512	S01	D004 D006 D008	D005 D007 D011	728	P
107	SOLIDS CONTAMINATED BY LAB SAMPLES AND MATERIALS	S01	D004 D006 D008 F002	D005 D007 D022 F003	901	P
108	CONTAMINATED SOIL, ROCKS, BRICKS AND CERAMICS	S01	D004 D007 D010	D005 D008 D011	6,314	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
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Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
109	BORING # 1509	S01	D004 D007	D006 D008	1,522	P
110	SCRAP SALTS, HIGH FLUORIDE	S01	D004 D008	D007 D010	4,153	P
111	DUST COLLECTOR RESIDUES, PYROPHORIC	S01	D004	D008	138	P
112	DUST COLLECTOR RESIDUES, HIGH FLUORIDE	S01	D004	D008	588	P
113	ROASTED MgF2, OTHER MATERIAL	S01	D004	D008	5,174	P
114	SCRAP SALTS AND FLOOR SWEEPINGS, LOW FLUORIDE	S01	D004	D008	507	P
115	CONTACT WASTE (LAB)	S01	D004 D010	D008	1,137	P
116	CONTAMINATED BRICKS, SOIL, ROCKS, SAND, ETC.	S01	D004 D011	D008	1,026	P
117	DUST COLLECTOR RESIDUES, HIGH FLUORIDE	S01	D004	D011	539	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
118	FURNACE SALT, CHLORIDE	S01	D004	D011	6,486	P
119	SALT SLUDGE FOR PLANT 8	S01	D004 D039	D019 F002	1,325	P
120	BARIUM CARBONATE	S01	D005		4,121	P
121	CONTAMINATED BURNABLES	S01	D005		113	P
122	CONTAMINATED SOIL AND ROCKS	S01	D005		76,387	P
123	SALT SLUDGE, CHLORIDE	S01	D005		713	P
124	SAMPLES, NON-METALLIC	S01	D005		185	P
125	SCRAP ThO2 – HIGH F	S01	D005		128	P
126	WET SUMP OR FILTER CAKE NON-OILY, NON-HALIDE	S01	D005		542	P
127	BORING # 1513	S01	D005 D007	D006 D008	1,254	P

XIII. Comments:

5217

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

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Generator Information

IX. Generator's EPA I.D. No. OH6980008976

X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
128	CONTAMINATED SOIL AND ROCKS	S01	D005 D007 D009	D006 D008	1,854	P
129	USED OIL FROM GEAR BOXES LATHES AND MOTORS	S01	D005 D008	D006 F001	322	P
130	SUMP CAKE	S01	D005	D007	14,423	P
131	SCRAP SALTS	S01	D005	D008	16,494	P
132	SOLIDIFIED FURNACE SALT	S01	D005	D008	2,651	P
133	OILY SEMI-SOLID	S01	D005 F001	D008 F002	1,033	P
134	CONTAMINATED RAGS, PAPER	S01	D005	F001	294	P
135	CADMIUM SPRINGS	S01	D006		58	P
136	NI-CD BATTERIES	S01	D006		309	P
137	NONRECOVERABLE TRASH	S01	D006	D007	656	P
138	BORING # 1508	S01	D006 D008	D007	652	P

XIII. Comments:

0036

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
139	PROCESS RESIDUES, TRAILER CAKES, SLURRIES	S01	D006 D008 D040 F005	D007 D018 F002	172	P
140	CONTAMINATED INSOLUBLE OIL	S01	D006 D008 D029 F001	D007 D019 D040	3,056	P
141	DUST COLLECTOR RESIDUES, HIGH FLUORIDE	S01	D006	D008	6	P
142	DUST COLLECTOR RESIDUES, HIGH FLUORIDE	S01	D006	D008	1,213	P
143	PROCESS RESIDUES, TRAILER CAKES, SLURRIES	S01	D006	D008	118	P
144	MERCURY THERMOMETER SPILL CLEANUP	S01	D006 D009	D008	721	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
145	CONTAMINATED INSOLUBLE OIL	S01	D006 D018 D028 D039 F002	D008 D019 D029 D040 F005	634	P
146	CONTAMINATED INSOLUBLE OIL	S01	D007		370	P
147	DUST COLLECTOR BAGS	S01	D007		418	P
148	DUST COLLECTOR BAGS	S01	D007		26	P
149	DUST COLLECTOR RESIDUES, HIGH FLUORIDE	S01	D007		1,231	P
150	NON-METALLIC MISCEL-LANEOUS SAMPLES	S01	D007		78	P
151	NON-OILY SLUDGE FOR ROASTIING	S01	D007		445	P
152	ROASTED OFF-SITE SUMP CAKE	S01	D007		32,917	P
153	SALT SLUDGE, CHLORIDE	S01	D007		10,570	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

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XI. Generator Address

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
154	SALT SLUDGE, CHLORIDE	S01	D007		20,041	P
155	SCRAP SALTS AND FLOOR SWEEPINGS, LOW FLUORIDE	S01	D007		6,305	P
156	SLUDGES FOR BLENDING	S01	D007		457	P
157	OIL DRY CONTAMINATED WITH OIL FROM BALER	S01	D007	D008	1,950	P
158	SCRAP SALTS AND FLOOR SWEEPINGS, HIGH FLUORIDE	S01	D007	D008	2,233	P
159	LAB CONTACT WASTE	S01	D007 D009 F001 F005	D008 D039 F002	68	P
160	OIL UNKNOWN GENERATION	S01	D007 D009	D008 F002	3,335	P
161	FURNACE SALT, NON-CHLORIDE	S01	D007 D010	D008	24,102	P
162	LIQUID SOLVENT WASTE	S01	D007 D010	D008 F005	373	P

XIII. Comments:

0039

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. OH6980008976

X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

Street: 7400 Willey Road

City: Fernald

State: Ohio

Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
163	LINERS, GLOVES AND OILY RAGS	S01	D007	D010	170	P
164	SOLVENT SLUDGE, (1,1,1-TRICHLOROETHANE, PERCHLOROETHYLENE)	S01	D007	D011	79	P
165	CONTAMINATED SOLVENT (1,1,1-TRICHLOROETHANE, PERCHLOROETHYLENE)	S01	D007 D019 D029 D040	D018 D021 D039 F001	7,663	P
166	SOLVENT WASTE	S01	D007 D040 F002	D039 F001	1,118	P
167	OILY SLUDGES	S01	D007	F001	947	P
168	U3O8, LOW FLUORIDE	S01	D007 F002	F001	1,411	P
169	CONTAMINATED BURNABLE	S01	D007	F002	1,169	P
170	GROUNDWATER FROM WELL #2649	S01	D007	F002	1,657	P

XIII. Comments:

0040

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
IX. Generator's EPA I.D. No. OH6980008976
X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
Street: 7400 Willey Road
City: Fernald
State: Ohio
Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
171	CONTAMINATED NON-BURNABLES	S01	D008		601	P
172	CONTAMINATED NON-BURNABLES	S01	D008		15,081	P
173	CONTAMINATED SOIL, ROCKS BRICKS AND CERAMICS	S01	D008		5,265	P
174	CONTAMINATED SOIL, ROCKS BRICKS AND CERAMICS	S01	D008		78,584	P
175	DUST COLLECTOR BAGS	S01	D008		110	P
176	DUST COLLECTOR RESIDUES HIGH FLUORIDE	S01	D008		192	P
177	GRIT BLAST	S01	D008		626,904	P
178	LEAD	S01	D008		168	P
179	LEAD AND WOOD SHAVINGS,	S01	D008		19	P
180	LEAD BRICKS	S01	D008		741	P
181	LEAD SOLDER JOINTS	S01	D008		15,196	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

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XI. Generator Address

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Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
182	LEAD/LEAD SEALS	S01	D008		7,756	P
183	LUBRICATING OIL	S01	D008		697	P
184	MISCELLANEOUS LEAD TOOLS, PIPING	S01	D008		974	P
185	NON-RECOVERABLE TRASH	S01	D008		428	P
186	OILY RAGS, PADS, GLOVES	S01	D008		266	P
187	PAINT CHIPS FROM SAND FILTERS AT WATER PLANT	S01	D008		928	P
188	DISCARD PROCESS RESIDUES	S01	D008		845	P
189	SCRAP SALTS AND FLOOR SWEEPINGS, HIGH FLUORIDE	S01	D008		16,878	P
190	THORIUM OXIDE POWDER REFINERY FEED	S01	D008		68	P
191	OILY RAGS	S01	D008 D010	D009	55	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

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Generator Information

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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

Street: 7400 Willey Road

City: Fernald

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Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
192	CONTAMINATED INSOLUBLE OIL	S01	D008 D039	D009 F001	269	P
193	NON-RECOVERABLE TRASH ABSORBANT PADS	S01	D008 F001	D009	42	P
194	CONTAMINATED METALLIC FILTER ELEMENTS	S01	D008	D010	2,848	P
195	FURNACE SALT, NON-CHLORIDE	S01	D008	D010	4,486	P
196	TRASH, PADS, RAGS, WATER	S01	D008	D010	768	P
197	CONTAMINATED BURNABLES, RAGS, FILTER, CLOTH	S01	D008 F001	D011	869	P
198	WATER/GAS MIXTURE TANK NO. 10	S01	D008	D018	2,015	P
199	CONTAMINATED INSOLUBLE OIL, GEAR OIL	S01	D008 D019 D029 D040	D018 D028 D039 F002	2,781	P

XIII. Comments:

0043

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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Generator Information
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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
Street: 7400 Willey Road
City: Fernald
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Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
200	SPENT 1,1,1-TRICHLORO-ETHANE	S01	D008 F001	D018 F002	169	P
201	USED OIL	S01	D008 F001	D018 F002	889	P
202	OILY RAGS	S01	D008 F002	D018	129	P
203	OILY RAGS AND ABSORBANTS, WD-40 AND VARIOUS OILS	S01	D008 F002	D018	79	P
204	SLUDGES, OILY	S01	D008 D040	D039 F001	685	P
205	OILY RAGS, PADS AND TRASH	S01	D008 F001	D039	108	P
206	CONTAMINATED INSOLUBLE OIL	S01	D008	F001	1,124	P
207	CONTAMINATED INSOLUBLE OIL	S01	D008	F001	4,148	P
208	NON-RECOVERABLE TRASH	S01	D008	F001	6,703	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
IX. Generator's EPA I.D. No. OH6980008976
X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
Street: 7400 Willey Road
City: Fernald
State: Ohio
Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
209	SLUDGES, OILY	S01	D008	F001	3,252	P
210	NON-OILY SLUDGE FOR ROASTING	S01	D008 F002	F001	732	P
211	ELEMENTAL MERCURY	S01	D009		45	P
212	MERCURY BATTERY	S01	D009		1,470	P
213	MERCURY CONTAMINATED FLOOR TILE AND INSULATION	S01	D009		2,444	P
214	MERCURY BATTARIES AND MERCURY SPILL CLEANUP	S01	D009		62	P
215	MERCURY SPILL CLEAN-UP, SPENT MERCURY BATTERIES	S01	D009		236	P
216	NONRECOVERABLE TRASH	S01	D009		605	P
217	SCRAP SALT, HIGH FLUORIDE	S01	D009		12	P
218	USED MERCURY FROM EQUIPMENT	S01	D009		404	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. OH6980008976

X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

Street: 7400 Willey Road

City: Fernald

State: Ohio

Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
219	TCLP LEACHATE	S01	D009 F002	F001	420	P
220	SCRAP SALTS AND FLOOR SWEEPINGS, HIGH FLUORIDE	S01	D010		251	P
221	STEEL SHOT	S01	D010		2,122	P
222	VOLITILE SOLID WASTE	S01	D010		167	P
223	OIL SOAKED RAGS	S01	D010 F002	D018	591	P
224	USED OIL	S01	D010 F002	D018	11,703	P
225	OILY SLUDGE	S01	D010 F001	D035	2,977	P
226	LAB GENERATED WASTE, ORGANIC LIQUID	S01	D010	F002	3,847	P
227	CONCENTRATE FIXER	S01	D011		216	P
228	CONTAMINATED ROCKS, SOIL, WITH NO FREE LIQUIDS	S01	D011		989	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. OH6980008976

X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

Street: 7400 Willey Road

City: Fernald

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Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
229	OIL CONTAMINATED WET SUMP OR FILTER CAKE	S01	D011		69,866	P
230	SPENT FIXER	S01	D011		1,347	P
231	X-RAY FIXER & DEVELOPER	S01	D011		271	P
232	CONTAMINATED BURNABLES, RAGS, PAPER, POLYETHYLENE	S01	D011 F005	F001	631	P
233	CODED AS OIL	S01	D018		89	P
234	CRANKCASE OIL	S01	D018		2,106	P
235	HYDRAULIC OIL FROM BALER IN DRUM RECONDITIONING	S01	D018		1,089	P
236	KEROSENE, SLUDGE, WATER FROM UST	S01	D018		2,457	P
237	LUBRICATING OILS	S01	D018		4,103	P
238	SPILL CLEANUPS OF OIL AND GAS	S01	D018		5,120	P
239	USED OIL	S01	D018		313	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT

5217

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. OH6980008976

X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

Street: 7400 Willey Road

City: Fernald

State: Ohio

Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
240	LAB WASTE, TCLP EXTRACT	S01	D018 D035 D039 F002	D021 D038 D040 F005	4,483	P
241	BIODENITRIFICATION SURGE LAGOON SLUDGE	S01	D018	D039	852,680	P
242	OIL CONTAMINATED WITH SOLVENTS (TANK5)	S01	D018	F001	27,458	P
243	TRASH CONTAMINATED WITH SOLVENT	S01	D018	F001	219	P
244	1,1,1-TRICHLOROETHANE (CLEANING SOLVENT)	S01	D018 F002	F001	227	P
245	SPENT SOLVENTS	S01	D018 F002	F001	238	P
246	USED OIL	S01	D018	F002	2,583	P
247	CONTAMINATED SOLVENT, 1,1,1-TRICHLOROETHANE PERCLHOROETHYLENE	S01	D019 D028 D039 F005	D022 D029 F001	376	P

XIII. Comments:

0048

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
IX. Generator's EPA I.D. No. OH6980008976
X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
Street: 7400 Willey Road
City: Fernald
State: Ohio
Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
248	CONTAMINATED TBP AND/OR KEROSENE MIXTURES	S01	D019 D039	D022 F002	111	P
249	CONTAMINATED INSLOUBLE OIL	S01	D019 D039 F001	D029 D040	5,808	P
250	FLOOR SUMP CLEANOUT SLUDGE	S01	D019 F001	D039 F002	1,393	P
251	NON-OILY CLEANOUT SLUDGES FOR ROASTING	S01	D019	F001	4,105	P
252	NON-RECOVERABLE TRASH	S01	D019	F002	1,002	P
253	CARBON TETRACHLORIDE (LABPACKED)	S01	D019	U211	43	P
254	PROCESS RESIDUES	S01	D029		798	P
255	CONTAMINATED BURNABLES	S01	D029 D040	D039 F001	5,873	P
256	OILY SLUDGES	S01	D029 D040	D039 F001	171,073	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

5217

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. OH6980008976

X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

Street: 7400 Willey Road

City: Fernald

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Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
257	FLOOR SUMP CLEANOUT SLUDGE	S01	D029 F001	D039	1,308	P
258	CONTAMINATED INSOLUBLE OIL	S01	D029 F002	D039	413	P
259	U3O8, LOW FLUORIDE	S01	D039		990	P
260	U-CONTAMINATED WATER	S01	D039		5,817	P
261	CONTAMINATED INSOLUBLE OIL	S01	D039 F001	D040	2,743	P
262	CONTAMINATED INSOLUBLE OIL	S01	D039 F001	D040	5,511	P
263	WET SUMP OR FILTER CAKE, OIL CONTAMINATED	S01	D039 F002	D040	23,372	P
264	NON-OILY CLEANOUT SLUDGES FOR ROASTING	S01	D039	F002	8,741	P
265	PROCESS RESIDUES, TRAILER CAKES, SLURRIES	S01	D039	F002	1,001	P
266	SOLVENT SEMISOLD	S01	D039	F002	88	P

XIII. Comments:

0050

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

5217

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
IX. Generator's EPA I.D. No. OH6980008976
X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
Street: 7400 Willey Road
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
267	WET SUMP OR FILTER CAKE NON-OILY, NON-HALIDE	S01	D039	F002	7,116	P
268	WET SUMP OR FILTER CAKE NON-OILY, NON-HALIDE	S01	D039	F002	1,305	P
269	OIL FROM TCLP EXTRACTS	S01	D040 F002	F001 F005	71	P
270	SPILL CLEANOUT MATERIAL	S01	F001		13	P
271	BORING #1594	S01	F001		475	P
272	BORING #1251	S01	F001		911	P
273	BORING #1261	S01	F001		550	P
274	BORING # 1674	S01	F001		340	P
275	PUMP OIL AND RAGS	S01	F001		39	P
276	CONTAMINATED BURNABLES	S01	F001		406	P
277	CONTAMINATED INSOLUBLE OIL	S01	F001		610	P

XIII. Comments:

0051

Ohio Environmental Protection Agency

5217

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

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Generator Information

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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
278	COPPER CONTAMINATED SUMP CAKE, LOW U	S01	F001		1,155	P
279	INCINERATOR CINDERS	S01	F001		146,124	P
280	ROASTED CALCIUM PRECIPITATED SUMP CAKE	S01	F001		3,275	P
281	ROASTED CALCIUM PRECIPITATED SUMP CAKE	S01	F001		46,403	P
282	SCRAP SALTS AND FLOOR SWEEPINGS, LOW FLUORIDE	S01	F001		853	P
283	SCRAP SALTS, LOW FLUORIDE	S01	F001		476	P
284	SCRAP U3O8, LOW FLUORIDE	S01	F001		13,549	P
285	SPILL CLEAN-UP MATERIALS	S01	F001		144	P
286	U3O8 ROTEXED PLANT 8 FURNACE PRODUCT	S01	F001		166,372	P
287	CONTAMINATED GRAPHITE	S01	F001	F002	910	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT

5217

For the calendar year ending December 31, 1993

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Generator Information
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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
288	FILTER MATERIAL, SAND, GRAVEL, FLYASH	S01	F001	F002	410,382	P
289	GRASS ON THE SOIL	S01	F001	F002	42	P
290	SPILL CLEANUP FROM RCRA STORAGE PAD	S01	F001	F002	189	P
291	OILY RAGS	S01	F001	F002	285	P
292	RAINWATER AND RINSATES FROM DECONTAMINATION	S01	F001	F002	66,248	P
293	SOIL	S01	F001	F002	3,330	P
294	U3O8 FROM BOX FURNACE	S01	F001	F002	89,675	P
295	CONTAMINATED PROTECTIVE CLOTHING	S01	F001 F005	F002	154	P
296	LAB GENEREATED WASTE, CONTACT SOLID WASTE	S01	F001 F005	F002	1,367	P
297	BORING #1412	S01	F002		517	P

XIII. Comments:

0053

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

5217

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
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XI. Generator Address
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
298	CONTAMINATED NON-BURNABLES	S01	F002		2,508	P
299	CONTAMINATED NON-BURNABLES	S01	F002		31	P
300	GROUNDWATER FROM WELL # 1031	S01	F002		505	P
301	INCINERATOR CINDERS	S01	F002		6,096	P
302	LAB GENERATED WASTE, METHYLENE CHLORIDE	S01	F002		542	P
303	MOP HEADS AND PADS	S01	F002		91	P
304	NON RECOVERABLE TRASH	S01	F002		495	P
305	MERCO DRY AND OILY MERCO DRY	S01	F002		3,430	P
306	OIL CONTAMINATED WET SUMP OR FILTER CAKE	S01	F002		36,117	P
307	OILY RAGS	S01	F002		100	P

XIII. Comments:

0054

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
308	OILY SLUDGE FOR OXIDATION HIGH FREE METAL	S01	F002		3,527	P
309	SALT SLUDGE,CHLORIDE	S01	F002		1,101	P
310	SCRAP U3O8 – LOW F	S01	F002		123	P
311	SCRAP U3O8 OR THO2 HIGH FLUORIDE	S01	F002		30,058	P
312	SPENT METHYLENE CHLORIDE	S01	F002		55	P
313	SOLVENT RAGS	S01	F002		54	P
314	PAINT THINNER RAGS	S01	F002 F005	F003	169	P
315	NON–RECOVERABLE TRASH	S01	F002	F005	449	P
316	PROCESS RESIDUES, TRAILER CAKES, SLURRIES	S01	F005		19	P
317	HF TANK CLEANOUT MATERIAL	S01	U134		9,593	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
Street: 7400 Willey Road
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
318	MERCURY SPILL CLEANUP RESIDUE	S01	U151		382	P

XIII. Comments:

As discussed with the Ohio EPA in the past, there are a number of waste streams onsite that are not fully characterized. The following wastes are part of that population. They are included in the Materials Control and Accounability Department Hazardous Waste Inventory, however, their characterization status is listed as pending by Waste Characterization Department. The EPA waste codes should therefore be considered preliminary.

319	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	737	P
320	BORING #1148	S01	U228		399	P
321	BORING # 1193	S01	U220		1,515	P
322	BORING # 1260	S01	F002		250	P
323	BORING # 1283	S01	F002		618	P
324	BORING # 1287	S01	F002		326	P

XIII. Comments:

0056

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
IX. Generator's EPA I.D. No. OH6980008976
X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
Street: 7400 Willey Road
City: Fernald
State: Ohio
Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
325	BORING # 1294	S01	F002		645	P
326	BORING # 1307	S01	F002		384	P
327	BORING # 1308	S01	U228		1,280	P
328	BORING # 1317	S01	U080		938	P
329	BORING # 1324	S01 S01	F002		1,309	P P
330	BORING # 1327	S01	U044		873	P
331	BORING # 1345	S01	U044		784	P
332	BORING # 1346	S01	U228		1,010	P
333	BORING # 1363	S01	F002		966	P
334	BORING # 1411	S01 S01	U228		903	P P
335	CONTAMINATED INSOLUBLE OIL	S01	D010 F005	F002	6,495	P
336	BORING # 1149	S01	F001		1,578	P
337	CONTAMINATED SOLVENTS	S01	F001		401	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

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XI. Generator Address

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City: Fernald

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
338	COBALT TRIFLUORIDE	S01	D001	D003	3	P
339	AEROSOL PAINT	S01	D001		132	P
340	HYDRAULIC OIL	S01	D018		242	P
341	OIL DRY CONTAMINATED WITH OIL	S01	D018		1,439	P
342	BARIUM	S01	D005		515	P
343	CONTAMINATED INSOLUBLE OIL	S01	D008	D018	2,074	P
344	OILY SLUDGE	S01	F001		1,205	P
345	NONRECOVERABLE TRASH	S01	D008 F002	D018	1,222	P
346	SOLIDIFIED LAB WASTE	S01	F001 F005	F002	102,598	P
347	CLEARWELL TREATABILITY STUDY WASTE	S01	F001	F002	53	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

5217

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
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XI. Generator Address
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
348	PIT 5 TREATABILITY STUDY WASTE	S01	D004 F001	D005 F002	28	P
349	ENGINEERED WASTE MANAGE MENT FACILITY STUDY	S01	F001 F005	F002	1,769	P
350	PAPER, PLASTIC AND GLASS	S01	F001	F002	1,608	P
351	NONRECOVERABLE TRASH	S01	D008 F001	D018 F002	505	P
352	NONRECOVERABLE TRASH	S01	D005 F001 F003	D008 F002	1,400	P
353	NONRECOVERABLE TRASH	S01	D008	F002	128	P
354	NONRECOVERABLE TRASH	S01	D008 F002	D018	132	P
355	NONRECOVERABLE TRASH	S01	F001		176	P
356	NONRECOVERABLE TRASH	S01	F002		164	P

XIII. Comments:

0059

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

5217

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XI. Generator Address

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State: Ohio

Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
357	NONRECOVERABLE TRASH	S01	D002 D007 D018 U210	D005 D008 F002	18,578	P
358	NONRECOVERABLE TRASH	S01	D001		967	P
359	NONRECOVERABLE TRASH	S01	D002 D006 D008 F002	D005 D007 D022 F003	220	P
360	NONRECOVERABLE TRASH	S01	D005 F002	D008	140	P
361	NONRECOVERABLE TRASH	S01	D010 F001	D018 F002	1,265	P
362	NONRECOVERABLE TRASH	S01	D010 F002	F001 F005	1,441	P
363	NONRECOVERABLE TRASH	S01	D010 F002	F001 F005	4,722	P

XIII. Comments:

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

5217

For the calendar year ending December 31, 1993

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State: Ohio

Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
364	NONRECOVERABLE TRASH	S01	D002 D008 F001 U159	D005 D018 F002	13,140	P
365	NONRECOVERABLE TRASH	S01	D001		836	P
366	NONRECOVERABLE TRASH	S01	D008	F002	636	P
367	NONRECOVERABLE TRASH	S01	D008	F002	1,001	P
368	NONRECOVERABLE TRASH	S01	D008	F002	535	P
369	CONTAMINATED OIL, SOLUBLE	S01	D001 F002	F001 F003	272	P
370	CONTAMINATED WATER	S01	D007		806	P
371	CONTAMINATED SOIL, ROCKS, ETC.	S01	F001		13,934	P
372	BARIUM CHLORIDE, CHROMIUM RESIDUES	S01	D007		30,325	P
373	CONTAMINATED WATER	S01	D010 F005	F002	979	P

XIII. Comments:

0001

Ohio Environmental Protection Agency
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
374	GROUNDWATER FROM WELL # 1149	S01	F001		217	P
375	CONTAMINATED SOLVENT	S01	D001	F001	931	P
376	CONTAMINATED SOLVENT	S01	D001	F001	312	P
377	CONTAMINATED SOLVENT	S01	F002		545	P
378	CONTAMINATED SOLVENT	S01	D001	F001	264	P
379	CONTAMINATED SOLVENT	S01	D001	F001	438	P
380	CONTAMINATED SOLVENT	S01	F002		933	P
381	CONTAMINATED SOLVENT	S01	F001	F002	6,335	P
382	CONTAMINATED SOLVENT	S01	D001	F001	336	P
383	CONTAMINATED SOLVENT	S01	D001	F001	43	P
384	CONTAMINATED SOLVENT	S01	D001 D018 D035	D008 D028	5,230	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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XI. Generator Address
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
385	CONTAMINATED SOLVENT	S01	D001 F002	F001 F003	10,144	P
386	ROOFING TAR, NO LIQUIDS	S01	D001 F003	F002 F005	24,288	P
387	CONTAMINATED SOLVENT	S01	D001	F002	3,910	P
388	CONTAMINATED SOLVENT	S01	D001	F001	419	P
389	CONTAMINATED SOLVENT	S01	D001		317	P
390	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	2,538	P
391	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	1,841	P
392	CONTAMINATED INSOLUBLE OIL	S01	F002		402	P
393	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	112	P
394	CONTAMINATED INSOLUBLE OIL	S01	F002		341	P

XIII. Comments:

0003

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. OH6980008976

X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

Street: 7400 Willey Road

City: Fernald

State: Ohio

Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
395	CONTAMINATED INSOLUBLE OIL	S01	F002		16,238	P
396	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	1,283	P
397	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	214	P
398	CONTAMINATED INSOLUBLE OIL	S01	F002		894	P
399	CONTAMINATED INSOLUBLE OIL	S01	F002		812	P
400	CONTAMINATED INSOLUBLE OIL	S01	D010	F002	5	P
401	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	9,214	P
402	CONTAMINATED INSOLUBLE OIL	S01	D008 F002	D018	1,264	P
403	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	12,040	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT

5217

For the calendar year ending December 31, 1993

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IX. Generator's EPA I.D. No. OH6980008976
X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
Street: 7400 Willey Road
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State: Ohio
Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
404	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	17,148	P
405	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	326	P
406	CONTAMINATED INSOLUBLE OIL	S01	D008	F002	4,371	P
407	CONTAMINATED ALUMINA-SODA LIME	S01	D005		22,489	P
408	MERCO-DRI AND HILCO CAKE	S01	D001		447	P
409	OIL ABSORBANT	S01	D008	F002	1,504	P
410	MERCO-DRI AND HILCO CAKE	S01	D001	D018	10,804	P
411	MERCO-DRI AND HILCO CAKE	S01	D008 F003	F002	4,380	P
412	TRIBUTYL PHOSPHATE, KEROSENE	S01	D001 D007	D002 D008	2,771	P
413	TRIBUTYL PHOSPHATE, KEROSENE	S01	D001 D007	D002	3,445	P

XIII. Comments:

0065

Ohio Environmental Protection Agency

FACILITY ANNUAL HAZARDOUS WASTE REPORT

For the calendar year ending December 31, 1993

5217

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information

IX. Generator's EPA I.D. No. OH6980008976

X. Generator Name USDOE FERNALD ENV. MGT. PROJECT

XI. Generator Address

Street: 7400 Willey Road

City: Fernald

State: Ohio

Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
414	TRIBUTYL PHOSPHATE, KEROSENE	S01	D001 D007	D002	1,430	P
415	CONTAMINATED BURNABLES	S01	D001 F002	F001 F003	77	P
416	CONTAMINATED BURNABLES	S01	D005 F002	D008	327	P
417	CONTAMINATED BURNABLES	S01	U210		124	P
418	CONTAMINATED BURNABLES	S01	F002		155	P
419	CONTAMINATED BURNABLES	S01	F002		120	P
420	CONTAMINATED BURNABLES	S01	D008	F002	95	P
421	CONTAMINATED BURNABLES	S01	F002	F003	209	P
422	CONTAMINATED BURNABLES	S01	D008		4,870	P
423	CONTAMINATED NONBURNABLES	S01	D008		67	P
424	NONRECOVERABLE TRASH	S01	F002		374	P

XIII. Comments:

0066

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT

5217

For the calendar year ending December 31, 1993

VIII. Facility's EPA I.D. No. OH6980008976

Generator Information
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X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
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City: Fernald
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
425	OILY SEMISOLIDS	S01	F002		388	P
426	OILY SEMISOLIDS	S01	F002		80	P
427	OILY SEMISOLIDS	S01	F002		444	P
428	OILY SEMISOLIDS	S01	D010	F002	12	P
429	OILY SEMISOLIDS	S01	D010	F002	3,046	P
430	OILY SEMISOLIDS	S01	D008	F002	1,022	P
431	OILY SEMISOLIDS	S01	D008 F002	F001 F003	531	P
432	NONOILY SEMISOLIDS	S01	F002		3,146	P
433	SOLVENT SEMISOLID	S01	F001 F003	F002	724	P
434	SOLVENT SEMISOLID	S01	D001	F001	29	P
435	MERCURY CONTAMINATED MATERIAL	S01	D009		94	P

XIII. Comments:

0067

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

5217

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Generator Information
IX. Generator's EPA I.D. No. OH6980008976
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Zip Code: 45030

XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
436	MERCURY CONTAMINATED MATERIAL	S01	D009		34	P
437	FURNACE SALT	S01	D005		664	P
438	FURNACE SALT	S01	D005		832	P
439	FURNACE SALT	S01	D004 D008	D006 D010	35,848	P
440	WET SUMP OR FILTER CAKE	S01	D008	F002	242	P
441	USED OIL	S01	D008		27,049	P
442	CONTAMINATED BURNABLES	S01	D005		3,820	P
443	OILY SEMISOLID	S01	D008		5,808	P
444	OILY SEMISOLID	S01	D005	D008	7,998	P
445	SALT SEMISOLID, CHLORIDE	S01	D005		5,126	P
446	SOLIDIFIED FURNACE SALT	S01	D005		92,311	P
447	WET SUMP OR FILTER CAKE, NONOILY, NONHALIDE	S01	D004 D008	D006	67,402	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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Generator Information
IX. Generator's EPA I.D. No. OH6980008976
X. Generator Name USDOE FERNALD ENV. MGT. PROJECT
XI. Generator Address
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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
448	MISCELLANEOUS MATERIAL	S01	D005		6,323	P
449	OILY SEMISOLID	S01	D029 D040	D039 F001	8,658	P
450	SOLVENT SEMISOLID	S01	D018 F002	F001	1,055	P
451	BURNABLE TRASH	S01	D029 D040	D039 F001	159	P
452	CONTAMINATED BRICKS, ETC.	S01	D008		170	P
453	CONTAMINATED WATER	S01	D007	D039	3,464	P
454	NONRECOVERABLE TRASH	S01	D007	D010	272	P
455	USED OIL, CONTAMINATED WATER	S01	F001		4,682	P
456	OILY RAGS	S01	D018	F002	67	P
457	SCRAP METAL, METAL SHAVINGS, DICALITE	S01	D008	F002	489	P

XIII. Comments:

Ohio Environmental Protection Agency
FACILITY ANNUAL HAZARDOUS WASTE REPORT
For the calendar year ending December 31, 1993

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XII. Waste Identification

LINE	A. DESCRIPTION	B. HANDLING METHOD	C. EPA HAZARDOUS WASTE CODE		D. AMOUNT OF WASTE	E. UNITS
458	OILY RAGS, GLOVES	S01	D008 F002	D018	260	P
459	CONTAMINATED WATER	S01	F002 F005	F003	421	P
460	TETRACHLOROETHYLENE	S01	F001	F002	848	P
461	MAGNUSPRAY, SURPLUS CHEMICALS	S01	D002		550	P
462	PAINT THINNER	S01	D001	F002	1,272	P
463	SOLVENT	S01	D001 D003 U056	D002 F001	227	P
464	METHANOL ACETATE	S01	D001	D002	32	P
465	ETHYL ACETATE	S01	D001	D002	41	P
466	LAB PACKS	S01	D001 D008 D018	D007 D010 F002	1	P
467	ASBESTOS	S01	D008	F002	73	P

XIII. Comments:

0070

5217

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

SITE NAME U. S. DOE ENVIR. MGT. PROJECT
7400 WILLEY ROAD
FERNALD, OHIO 45030

EPA ID NO. 01H16 81910 01018 91716

OhioEPA

State of Ohio Environmental Protection Agency

1993 Hazardous Waste Minimization Report
Identification and Certification

Form IC

INSTRUCTIONS: Read the detailed instructions in the 1993 Hazardous Waste Minimization Annual Report booklet before completing this form.

SEC I *Site name and location address.* Complete items A through H. Check the box ☐ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 3

A. EPA ID No. Same as label ☒ or →

B. County

C. Site/company name Same as label ☒ or →

D. Has the site name associated with this EPA ID changed since 1991? ☐ Yes ☒ No

E. Street name and number. If not applicable, enter industrial park, building name or other physical location description. Same as label ☒ or →

F. City, town, village, etc. Same as label ☒ or →

G. State Same as label ☒

H. Zip Code Same as label ☒

SEC II *Mailing address of site.* Instruction page 3

the mailing address the same as the location address? ☐ Yes (SKIP TO SEC. III) ☒ No (GO TO BOX B)

B. Number and street name of mailing address
P. O. BOX 398705

C. City, town, village, etc.
CINCINNATI

D. State 01H

E. Zip Code 45239 - 8705

SEC III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 3

A. Please print: Last name	First name	M.I.	B. Title	C. Telephone
RAST	DAVE	M.	ENVIRONMENTAL ENGINEER	513 648 3138 Extension

SEC IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name	First Name	M.I.	B. Title
HAMRIC	PHIL	J.	MANAGER, FERNALD OFFICE

C. Signature

D. Date of signature 02 (MO.) 28 (DAY) 94 (YR.)

Page 1 of 2

0071

5217

SEC. VI Generator Status

EPA ID NO. 0 1 H 1 6 | 8 1 9 1 0 | 0 1 0 1 8 | 9 1 7 1 6

A. 1993 RCRA generator status
Instruction page 3 (CHECK ONE BOX BELOW)

- ☒ LQG
- ☐ SQG
- ☐ CESQG
- ☐ Non-generator

(SKIP TO SEC. VII)

(CONTINUE TO BOX B)

B. Reason for not generating
Page 3 (CHECK ALL THAT APPLY)

- ☐ Never generated
- ☐ Out of business
- ☐ Only excluded or delisted waste
- ☐ Only non-hazardous waste
- ☐ Periodic or occasional generator
- ☐ Waste minimization activity
- ☐ Other (SPECIFY COMMENTS IN BOX BELOW)

SEC. VII On-Site Waste Management Status

A. RCRA permitted or interim status storage Instruction page 3	B. RCRA permitted or interim status treatment, disposal, or recycling- Page 4	C. RCRA-exempt treatment, disposal, or recycling Page 4
4	1	3

SEC. VIII Waste Minimization Activity During 1993

A. Did this site begin or expand a source reduction activity during 1993? Instruction page 4	B. Did this site begin or expand recycling activity during 1993? Page 4	C. Did this site systematically investigate opportunities for source reduction or recycling during 1993? Page 4
☐ Yes	☒ Yes	☒ Yes
☒ No	☐ No	☐ No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1993?
Page 4 (CHECK YES OR NO FOR EACH ITEM)

Yes	No	
☐	☒	a. Insufficient capital to install new source reduction equipment or implement new source reduction practices
☒	☐	b. Lack of technical information on source reduction techniques applicable to the specific production processes
☒	☐	c. Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investme
☐	☒	d. Concern that product quality may decline as a result of source reduction
☒	☐	e. Technical limitations of the production processes
☐	☒	f. Permitting burdens
☒	☐	g. Source reduction previously implemented-additional reduction does not appear to be technically feasible
☐	☒	h. Source reduction previously implemented-additional reduction does not appear to be economically feasible
☐	☒	i. Source reduction previously implemented-additional reduction does not appear to be feasible due to permitting requirements
☐	☒	j. Other (SPECIFY COMMENTS IN BOX BELOW)

E. Did any of the factors listed below delay or limit this site's ability to initiate new or additional on-site or off-site recycling activities during 1993?
Page 4 (CHECK YES OR NO FOR EACH ITEM)

Yes	No	
☐	☒	a. Insufficient capital to install new recycling equipment or implement new recycling practice
☒	☐	b. Lack of technical information on recycling techniques applicable to this site's specific production processes
☐	☒	c. Recycling is not economically feasible: cost savings in waste management or production will not recover the capital investment
☐	☒	d. Concern that product quality may decline as a result of recycling
☐	☒	e. Requirements to manifest wastes inhibit shipments off site for recycling
☒	☐	f. Financial liability provisions inhibit shipments off site for recycling
☐	☒	g. Technical limitations of production processes inhibit shipments off site for recycling
☐	☒	h. Technical limitations of production processes inhibit on-site recycling
☐	☒	i. Permitting burdens inhibit recycling
☐	☒	j. Lack of permitted off-site recycling facilities
☐	☒	k. Unable to identify a market for recyclable materials
☒	☐	l. Recycling previously implemented- additional recycling does not appear to be technically feasible
☐	☒	m. Recycling previously implemented-additional recycling does not appear to be economically feasible
☐	☒	n. Recycling previously implemented-additional recycling does not appear to be feasible due to permitting requirements
☐	☒	o. Other (SPECIFY COMMENTS IN BOX BELOW)

Comments:

5217

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TER:

SITE NAME U. S. DOE FERNALD
ENVIRONMENTAL MANAGEMENT PROJECT

EPA ID NO. 0 H 6 | 8 9 0 | 0 0 8 | 9 7 6

OhioEPA

State of Ohio Environmental Protection Agency

1993 Hazardous Waste Minimization Report
Hazardous Waste Minimization

Form WM

INSTRUCTIONS: Read the detailed instructions in the 1993 Hazardous Waste Minimization Annual Report booklet before completing this form.

Sec. I

A. Waste description Instruction Page 6: LEAD ACID BATTERIES FOR RECYCLE

B. EPA hazardous waste code Page 6: D 0 0 2 | D 0 0 8

C. State hazardous waste code (NOT APPLICABLE) Page 7

D. SIC code Page 7	E. Origin code Page 7	F. Source Code Page 7	G. Point of measurement Page 7	H. Form Code Page 7	I. RCRA-radioactive mixed Page 7
4 9 5 3	1 System type M	A 5 5	1	B 3 0 9	2

Sec. II

A. Quantity generated in 1992 Instruction Page 8	B. Quantity Generated in 1993 Page 8	C. Unit of Measure - Page 8	D. Was this waste recycled in 1993? Page 8
N A .	N A .	UOM: ; Density: . ☐ lbs/gal ☐ sg	☒ Yes (CONTINUE TO BOX E) ☐ No (SKIP TO SEC. III)

E. On-site recycling Page 9 — Quantity recycled on-site in 1993: 0 . 0

F. Off-site recycling Page 9 — Quantity recycled off-site in 1993: 7 9 7 5 6 . 0

Sec. III

A. Activity Code Page 9	B. Other effects Page 9	C. Quantity recycled in 1993 due to new activities Page 9	D. Activity/production index Page 9	E. Source reduction quantity Page 10
W 0 2 W N A W N A W N A	☐ Yes ☒ No	7 9 7 5 6 . 0	1 . 0	N A .

Comments:

0073

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U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description Instruction Page 5. Fire Training Facility - Disposal Unit. Solvent wastes were burned during past fire training exercises. This unit was designated because waste burning was determined to constitute disposal.

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M137	01	06	08

Sec. II

A. 1993 influent quantity Instruction page 7.

		UOM	Density
Total	0.0		
RCRA	0.0		0 1 lbs/gal 0 2 sg

B. Maximum operational capacity Page 8.

Total	0.0
RCRA	0.0

C. 1993 liquid effluent quantity Instruction page 9.

		UOM	Density
Total	0.0		
RCRA	0.0		0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity Page 9.

		UOM	Density
Total	0.0		
RCRA	0.0		0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10.	F. Commercial capacity availability code Page 10.	G. Percent capacity commercially available Page 10.
1. NA 2. 3.	NA	NA %

Comments: Section 1 B - Disposal of solvent wastes by burning.

Section 1 D - Hazardous waste operations have ceased pending closure, the unit did not operate in 1992 or 1993.

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FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description
Instruction Page 5. Box Furnace - Treatment Unit. This inactive unit was used to incinerate or dry listed hazardous waste.

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M101	01	06	04

Sec. II

A. 1993 influent quantity
Instruction page 7.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

B. Maximum operational capacity
Page 8.

Total	0.0
RCRA	0.0

C. 1993 liquid effluent quantity
Instruction page 9.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity
Page 9.

		UOM	Density
Total	D.K		.
RCRA	D.K		0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10.	F. Commercial capacity availability code Page 10.	G. Percent capacity commercially available Page 10.
1. NA 2. 3.	NA	NA %

Comments: Section 1 D - Hazardous waste operations have ceased pending closure, the unit did not operate in 1992 or 1993.

Section II - Residual quantities are minimal and not measured.

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SITE NAME: U. S. DOE FERNALD ENVIRONMENTAL MANAGEMENT PROJECT

EPA ID NO: OH6 8910 0018 9716

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1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description
Instruction Page 5.
Oxidation Furnace #1 - Treatment Unit. This inactive unit was used to incinerate or dry listed and characteristic hazardous waste.

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M101	01	06	04

Sec. II

A. 1993 influent quantity
Instruction page 7.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

B. Maximum operational capacity
Page 8.

Total	0.0
RCRA	0.0

C. 1993 liquid effluent quantity
Instruction page 9.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity
Page 9.

		UOM	Density
Total	D.K		.
RCRA	D.K		0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10.	F. Commercial capacity availability code Page 10.	G. Percent capacity commercially available Page 10.
1. NA 2. 3.	NA	NA %

Comments: Section II - REsiduals have not been measured.

Section 1 D - Hazardous waste operations have ceased pending closure, the unit did not operate in 1992 or 1993.

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1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description Instruction Page 5. Primary Calciner - Treatment Unit. This inactive unit was used to incinerate or dry spent solvent wastes.

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M101	01	06	04

Sec. II

A. 1993 Influent quantity Instruction page 7.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

B. Maximum operational capacity Page 8.

Total	0.0
RCRA	0.0

C. 1993 liquid effluent quantity Instruction page 9.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity Page 9.

		UOM	Density
Total	D.K		.
RCRA	D.K		0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10.	F. Commercial capacity availability code Page 10.	G. Percent capacity commercially available Page 10.
1. NA 2. 3.	NA	NA %

Comments: Section II - Residuals have not been measured.

Section I D - Hazardous waste operations have ceased pending closure, the unit did not operate in 1992 or 1993.

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1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description Instruction Page 5. Waste Pit No. 4 - Disposal Unit. This interim closed unit was used to dispose of waste barium chloride salts.

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M132	01	06	09

Sec. II

A. 1993 influent quantity Instruction page 7.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

B. Maximum operational capacity Page 8.

Total	0.0
RCRA	0.0

C. 1993 liquid effluent quantity Instruction page 9.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity Page 9.

		UOM	Density
Total	5310100.0	7	DK.
RCRA	DK.		0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10. 1. 08 2. 3.

F. Commercial capacity availability code Page 10. NA

G. Percent capacity commercially available Page 10. NA %

Comments: Section II - Unit has undergone interim closure certified by the Ohio EPA with final closure deferred to the CERCLA program.

Section 1 D - The unit did not operate in 1992 or 1993.

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EPA ID NO: OH6 890 008 976

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1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description
Instruction Page 5.
Trane Thermal Liquid Incinerator - Treatment Unit. Unit was used to incinerate waste oils contaminated with spent solvent wastes.

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M041	01	06	03

Sec. II

A. 1993 influent quantity
Instruction page 7.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

B. Maximum operational capacity
Page 8.

Total	0.0
RCRA	0.0

C. 1993 liquid effluent quantity
Instruction page 9.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity
Page 9.

		UOM	Density
Total	0.0		.
RCRA	D.K		0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10.	F. Commercial capacity availability code Page 10.	G. Percent capacity commercially available Page 10.
1. NA 2. 3.	NA	NA %

Comments: Section III - Unit is inactive. A closure plan is being reviewed by Ohio EPA. Residuals have not been measured.

Section 1 D - The unit did not operate in 1992 or 1993.

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EPA ID NO: OH6 890 008 976

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1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description Instruction Page 5. Barium Chloride Salt Treatment Facility. Treatment Unit. Unit was used to convert barium chloride salts to non-hazardous waste form.

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M077	01	06	01 10

Sec. II

A. 1993 influent quantity Instruction page 7.

		UOM	Density
Total	0.0		.
RCRA	0.0		1 lbs/gal 2 sg

B. Maximum operational capacity Page 8.

Total	0.0
RCRA	0.0

C. 1993 liquid effluent quantity Instruction page 9.

		UOM	Density
Total	.		.
RCRA	.		1 lbs/gal 2 sg

D. 1993 solid/sludge residual quantity Page 9.

		UOM	Density
Total	.		.
RCRA	.		1 lbs/gal 2 sg

E. Limitation on maximum operational capacity Page 10.
1. NA 2. 3.

F. Commercial capacity availability code Page 10. NA

G. Percent capacity commercially available Page 10. NA %

Comments: Section I - Unit consisted principally of tank systems components with allied ancillary equipment.

Section 1 D - The unit did not operate in 1992 or 1993.

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1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description Instruction Page 5. Sludge Drying Beds - Treatment Unit. Per an OEPA approved wastewater exclusion, this unit is no longer considered to have managed listed hazardous wastes.

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M101	01	01	9 08

Sec. II

A. 1993 influent quantity Instruction page 7.

		UOM	Density
Total	D.K		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

B. Maximum operational capacity Page 8.

Total	5500.0
RCRA	0.0

C. 1993 liquid effluent quantity Instruction page 9.

		UOM	Density
Total	D.K	5	1.0
RCRA	0.0		0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity Page 9.

		UOM	Density
Total	D.K	5	1.0
RCRA	D.K		X 0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10.	F. Commercial capacity availability code Page 10.	G. Percent capacity commercially available Page 10.
1. NA 2. 3.	NA	NA %

Comments: Section II - Unit no longer receives spent solvent wastes. Residual quantities not yet measured. Influent and effluent not measured.

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SITE NAME: U. S. DOE FERNALD ENVIRONMENTAL MANAGEMENT PROJECT

EPA ID NO: 0 H 6 8 9 0 0 0 8 9 7 6

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal or recycling system description Instruction Page 5. Waste Pit #5 - Treatment Unit. Per an OEPA approved wastewater exclusion, this unit is no longer considered to have managed listed hazardous wastes.

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M 0 8 5	0 1	0 6	0 9

Sec. II

A. 1993 Influent quantity Instruction page 7.

		UOM	Density
Total	D . K	7	D K .
RCRA	0 . 0		0 1 lbs/gal 0 2 sg

B. Maximum operational capacity Page 8.

Total	1 1 5 0 0 0 . 0
RCRA	0 . 0

C. 1993 liquid effluent quantity Instruction page 9.

		UOM	Density
Total	D . K		.
RCRA	0 . 0		0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity Page 9.

		UOM	Density
Total	1 0 2 5 0 0 .	7	D K .
RCRA	D . K		0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10.	F. Commercial capacity availability code Page 10.	G. Percent capacity commercially available Page 10.
1. N A 2. 3.	N A	N A %

Comments: Section II - Unit no longer receives spent solvent wastes.

Section 1 B - Air evaporation and/or combination with other wastewaters processed under NPDES permit.

Section 1 D - Hazardous waste operations have ceased pending closure, the unit did not operate in 1992 or 1993.

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U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I A. Waste treatment, disposal, or recycling system description Instruction Page 5. Experimental Treatment Facility - Treatment Unit. This inactive unit received sludges from WAste Pit #5 for experimental treatment study (sludge dewatering).

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M 1 0 1	0 1	0 6	1 0

Sec. II A. 1993 Influent quantity Instruction page 7.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

B. Maximum operational capacity Page 8.

Total	0.0
RCRA	0.0

C. 1993 liquid effluent quantity Instruction page 9.

		UOM	Density
Total	0.0		.
RCRA	0.0		0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity Page 9.

		UOM	Density
Total	D.K		.
RCRA	D.K		0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10.	F. Commercial capacity availability code Page 10.	G. Percent capacity commercially available Page 10.
1. NA 2. 3.	NA	NA %

Comments: Section II - Unit is out of service undergoing removal action, Residual materials not measured.

Section I - Unit type was miscellaneous treatment, sludge dewatering.

Section I D - The unit did not operate in 1992 or 1993.

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FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description
Instruction Page 5. Reclamation of Spent Silver Photographic Solution (D011)

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M014	01	01	10

Sec. II

A. 1993 influent quantity
Instruction page 7.

		UOM	Density
Total	30	5	
RCRA	30		0 1 lbs/gal 0 2 sg

B. Maximum operational capacity
Page 8.

Total	DK
RCRA	DK

C. 1993 liquid effluent quantity
Instruction page 9.

		UOM	Density
Total	30	5	
RCRA	30		0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity
Page 9.

		UOM	Density
Total			
RCRA			0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10.	F. Commercial capacity availability code Page 10.	G. Percent capacity commercially available Page 10.
1. 05 2. 3.	1	0 %

Comments: Section I Box B and E - Chemical recovery cartridge using metallic replacement method.

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EPA ID NO: 0 H 6 8 9 0 0 8 9 7 6

FORM PS

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions provided before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description
Instruction Page 5. Planned Treatment of Waste Uranyl Nitrate

B. System type Page 5.	C. Regulatory status Page 6.	D. Operational status Page 6.	E. Unit types Page 6.
M 0 7 7	0 2	0 4	0 1

Sec. II

A. 1993 Influent quantity
Instruction page 7.

		UOM	Density
Total			
RCRA			0 1 lbs/gal 0 2 sg

B. Maximum operational capacity
Page 8.

Total	
RCRA	

C. 1993 liquid effluent quantity
Instruction page 9.

		UOM	Density
Total			
RCRA			0 1 lbs/gal 0 2 sg

D. 1993 solid/sludge residual quantity
Page 9.

		UOM	Density
Total			
RCRA			0 1 lbs/gal 0 2 sg

E. Limitation on maximum operational capacity Page 10.	F. Commercial capacity availability code Page 10.	G. Percent capacity commercially available Page 10.
1. 2. 3.	1	0 %

Comments: Section I Box B - Chemical precipitation and neutralization in tanks.

Section I Box C - Planned one-time treatment or a CERCLA removal action.

TABLE OF CONTENTS

List of Tables iv

List of Figures v

List of Acronyms vi

Executive Summary ES-1

1.0 Introduction 1-1

1.1 Site Description and History 1-1

1.2 General Regulatory History 1-3

1.3 Site Geology 1-5

1.4 Surface Water Hydrology 1-8

1.5 Well and Boring Numbering System 1-11

2.0 Historical and Ongoing RCRA Groundwater Programs 2-1

2.1 RCRA Detection Monitoring Program 2-1

2.2 RCRA Groundwater Assessment Monitoring Program 2-3

2.2.1 RCRA Groundwater Quality Assessment Program Plan (GQAPP) 2-3

2.2.2 RCRA Groundwater Monitoring Plan (GMP) 2-5

2.2.3 RCRA Project Specific Plan - Routine Monitoring Program 2-10

3.0 Operable Unit Groundwater Activity Updates 3-1

3.1 OU1 Groundwater Activity Update 3-1

3.2 OU2 Groundwater Activity Update 3-1

3.3 OU3 Groundwater Activity Update 3-3

3.4 OU4 Groundwater Activity Update 3-3

3.5 OU5 Groundwater Activity Update 3-4

3.5.1 OU5 Groundwater Field Activities 3-4

3.5.2 OU5 Removal Actions 3-5

3.5.2.1 Removal Action 1 - Contaminated Groundwater under FEMP Buildings 3-5

3.5.2.2 Removal Action 3 - South Plume Groundwater Contamination 3-5

3.5.2.3 Removal Action 30 - Well No. 67 in the KC-2 Warehouse 3-6

TABLE OF CONTENTS (Continued)

4.0 1993 RCRA Groundwater Results 4-1

4.1 First and Second Quarter Sampling Events (January and April 1993) - RCRA GMP 4-1

4.1.1 Well Selection 4-2

4.1.2 Sampling Methodology 4-2

4.1.3 Analytical Parameters 4-2

4.1.4 Reporting and Sampling Results 4-5

4.2 Third and Fourth Quarter Sampling Events (July and September 1993) Routine Monitoring Program 4-5

4.2.1 Well Selection 4-5

4.2.2 Sampling Methodology 4-9

4.2.3 Analytical Parameters 4-9

4.2.4 Reporting and Sampling Results 4-11

5.0 Conclusions 5-1

Reference/Bibliography List R-1

Appendix A - Programmatic Response and Requirements

A.1 Ohio Environmental Protection Agency (OEPA) Director's Final Findings and Orders (DFOs)

A.2 OEPA Supplementary Annual Report for 1993 Ground Water Monitoring Information - Forms and Instructions

A.3 DOE Letter to OEPA Requesting an Alternate Monitoring Program

Appendix B - 1993 Quarterly Groundwater Elevation Contour Maps

B.1 Type 2 Groundwater Elevation Contour Maps

B.2 Type 3 Groundwater Elevation Contour Maps

B.3 Type 4 Groundwater Elevation Data

Appendix C - RCRA 1993 First and Second Quarter Analytical Results

Appendix D - Routine Monitoring Program Well Information

Appendix E - RCRA 1993 Third and Fourth Quarter Analytical Results

Appendix F - Glossary of Laboratory Data Qualifiers and Validation Data Qualifiers

TABLE OF CONTENTS (Continued)

Appendix G - Total Uranium, Sulfate, and Specific Conductance Concentration versus Time Plots for the Routine Monitoring Program Wells

G.1 Concentration versus Time Plots of 1993 Data

G.2 Concentration versus Time Plots of 1988 through 1993 Data

Appendix H - Hydrographs for Routine Monitoring Program Wells

H.1 Hydrographs of 1993 Data

H.2 Hydrographs of 1988 through 1993 Data

LIST OF TABLES

Table	Title	Page
4-1	RCRA GMP Analytical Parameter List	4-4
4-2	Routine Monitoring Program Well Numbers	4-7
4-3	1993 Sample Frequency of the Routine Monitoring Program Wells	4-8
4-4	Routine Monitoring Program Analytical Parameter List	4-10
4-5	Routine Monitoring Program Wells with Elevated Results	4-12
4-6	Routine Monitoring Program Wells with Pesticide and Volatile and Semivolatile Organic Compound Detections	4-16

LIST OF FIGURES

Figure	Title	Page
1-1	FEMP Site Location Map	1-2
1-2	FEMP Operable Units Map	1-6
1-3	FEMP Investigation Area	1-7
1-4	Generalized Geologic Cross Section of the FEMP	1-9
1-5	Surface Water Features of the FEMP	1-10
1-6	Monitoring Well Depths and Screen Locations	1-12
2-1	FEMP RCRA Groundwater Monitoring History	2-2
2-2	Detection Monitoring Program Wells	2-4
2-3	GQAPP Revision 1 Monitoring Wells	2-6
2-4	GQAPP Revision 2 Monitoring Wells	2-7
2-5	Regulated Units and Waste Management Areas	2-8
2-6	RCRA GMP Monitoring Network	2-9
2-7	Components of the Alternate Monitoring Program	2-11
3-1	Major Features Associated with the Operable Units	3-2
4-1	1993 RCRA GMP Sampling Locations for First and Second Quarter	4-3
4-2	Routine Monitoring Program Wells	4-6

LIST OF ACRONYMS

AEC	U.S. Atomic Energy Commission
ARAR	Applicable or Relevant and Appropriate Requirements
ASL	Analytical Support Level
CAA	Clean Air Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CLP	Contract Laboratory Program
CME	Comprehensive Monitoring Evaluation
CWA	Clean Water Act
DFO	Director's Final Findings and Orders
DMEPP	Design, Monitoring and Evaluation Program Plan
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
FEMP	Fernald Environmental Management Project
FFCA	Federal Facility Compliance Agreement
FMPC	Feed Materials Production Center
FS	Feasibility Study
GMP	Groundwater Monitoring Plan
gpm	gallons per minute
GQAPP	Groundwater Quality Assessment Program Plan
GRITS	Ground Water Information Tracking System
HSL	Hazardous Substance List
HWMU	Hazardous Waste Management Unit
MCL	maximum contaminant level
NCP	National Contingency Plan
NEPA	National Environmental Policy Act
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NLO	National Lead Company of Ohio
OAC	Ohio Administrative Code
OEPA	Ohio Environmental Protection Agency
OU	Operable Unit
PACD	Proposed Amended Consent Decree
PCB	polychlorinated biphenyl

LIST OF ACRONYMS (Continued)

PSP	Project Specific Plan
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
SARA	Superfund Amendment and Reauthorization Act
SCQ	FEMP Sitewide CERCLA Quality Assurance Project Plan
SOW	Statement of Work
TIC	Tentatively Identified Compounds
UNH	uranyl nitrate hexahydrate
VOC	Volatile Organic Compound
WMA	Waste Management Area

EXECUTIVE SUMMARY

In 1993, the Fernald Environmental Management Project (FEMP) Resource Conservation and Recovery Act (RCRA) Groundwater Assessment Monitoring Program underwent significant change. The change came as a result of negotiations between the Ohio Environmental Protection Agency (OEPA) and the Department of Energy (DOE) regarding the integration of the RCRA Groundwater Assessment Monitoring Program with the ongoing site remediation being conducted under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

During the first six months of 1993, the controlling document for the RCRA Groundwater Assessment Monitoring Program was the RCRA Groundwater Monitoring Plan (GMP), Revision 1 (DOE 1992). The RCRA GMP was designed to bring the FEMP into compliance with the State of Ohio Subpart F Hazardous Waste Rules (Ohio Administrative Code [OAC] 3745-65-90 through 94) by providing the required groundwater monitoring for nine RCRA regulated units identified in the FEMP's RCRA Part A permit application submitted in June 1991. However, implementation of the RCRA GMP was resulting in considerable duplication of effort and competition for resources with reporting activities and field investigations being conducted through the CERCLA process. The RCRA monitoring program, as defined in the RCRA GMP, created a field investigation program with similar objectives to the Remedial Investigation (RI). Thus, the RCRA field program was conducted in parallel to the CERCLA field activities. In order to resolve this lack of integration between the RCRA GMP and the CERCLA investigative process, DOE proposed an Alternate Monitoring Program as allowed through OAC 3745-65-90 (D) in May 1993.

The Alternate Monitoring Program is comprised of two components as described below:

- Conducting groundwater characterization activities under CERCLA as defined by the Operable Unit 5 (OU5) RI/FS Work Plan and Addenda.
- Providing quarterly groundwater monitoring of the downgradient property boundary under the Routine Monitoring Program as defined in the "Project Specific Plan (PSP) for the Routine Groundwater Monitoring Program Along the Downgradient Boundary of the FEMP."

The OU5 Work Plan and Addenda defines a program for characterization of the nature, rate and extent of contaminant migration sufficient to select a remedial alternative. This information will be provided to the OEPA and EPA in the OU5 RI report consistent with the schedule detailed in the 1991 Amended Consent Agreement.

The Routine Monitoring Program consists of quarterly sampling of 33 wells located along the facility property boundary to assess the magnitude of off-site releases from the FEMP. Results from the Routine Monitoring Program will be provided annually in the groundwater section of the FEMP's RCRA Annual Report.

On September 10, 1993, following negotiations with the DOE, OEPA issued the Director's Final Findings and Orders (DFOs) (Appendix A.1) in response to DOE's proposed Alternate Monitoring Program. The DFOs defined the requirements for the Alternate Monitoring Program and detailed the items to be included in the groundwater section of the RCRA Annual Report.

All items required in the DFOs for the groundwater section of the RCRA Annual Report are provided with this report. Items specifically required are groundwater elevation measurements, groundwater activity updates from the five operable units, analytical results and concentration versus time plots for the Routine Monitoring Program wells.

Samples were collected under the RCRA GMP during the first and second quarters of 1993 and under the Routine Monitoring Program during the third and fourth quarters. Data from both programs are provided in this report. Analytical results from the January and April sampling rounds are provided electronically in the EPA Ground Water Information Tracking System (GRITS) format as requested by the OEPA and will be available to support the selection of a remedial alternative for OU5. Discussion of the RCRA analytical data in this document is limited to the data collected from the Routine Monitoring Program wells.

Sampling of the Routine Monitoring Program wells was initiated in the third quarter of 1993. Twenty of the 33 wells in the program were completed as of July and were sampled. The complete network of 33 wells was sampled during September. Some of the Routine Monitoring Program wells were sampled during the first and second quarter as they were also part of the RCRA GMP.

Review of the Routine Monitoring Program wells' analytical data revealed several parameters with concentrations above background values. These parameters included calcium, iron, magnesium, and manganese. These results may be attributable to the geologic conditions at the FEMP and are not considered to be a risk to human health or the environment. However, the results of these parameters will continue to be tracked to determine if an increasing trend exists.

Sporadic detections of cadmium were noted in several wells. Although, cadmium has been identified as a constituent of concern in the OU1 and OU4 RI reports, it is not thought that these operable units are the source of these cadmium results because of the distance from these units to the Routine Monitoring Program wells. Further evaluation of the Routine Monitoring Program data will be conducted to determine if the source of this cadmium is from laboratory or sampling interferences.

Pesticides, volatile and semivolatile organic compounds were also detected in some of the Routine Monitoring Program wells. Most of these results were either estimated below 10 μg/L (Contract Required Detection Limit) or were common laboratory contaminants. Well 2070 was the only well in which a volatile organic compound was detected in both the third and fourth quarters. The parameter of concern, 2-Butanone also a common laboratory contaminant, had concentrations of 63 μg/L and 64 μg/L. Comprehensive sampling for pesticides, volatile and semivolatile organic compounds will be conducted during the first quarter 1994. All detections will continue to be tracked to determine if there is an existing trend.

Total uranium results from Well 2733 were the highest of the Routine Monitoring Program wells, except for those that monitor the South Plume. This well is located at the southeastern edge of the facility boundary and had total uranium results of 5 μg/L and 7.3 μg/L for the third and fourth quarters. Since wells upgradient of Well 2733 have had total uranium results less than 3 μg/L, the source of total uranium is unknown at this time. The FEMP will continue to track quarterly results as they become available and will evaluate well installation and sampling records to assist in determining the cause of these results.

Review of the Routine Monitoring Program analytical results indicate that although some of the results from the wells were elevated, none appear to be a potential risk to human health or the environment except for those wells that monitor the South Plume; Well 2106 and Well 3069. However, conclusions on baseline risk for OU5 contaminants of concern will be presented in the OU5 RI report. The elevated uranium levels found in these two wells are being addressed through the South Plume Removal Action which was initiated in August 1993. This removal action is currently being monitored under the Design, Monitoring and Evaluation Program Plan (DMEPP) and quarterly reports will be generated to document the effectiveness of this action.

The OU5 RI report will present a comprehensive characterization of groundwater. This report will be submitted to the EPA and OEPA in June 1994. The report will include a comprehensive baseline risk assessment and a determination of the nature, rate and extent of contamination sufficient to select a

remedial alternative. All data collected during 1993 for the RCRA program, under the RCRA GMP and the Routine Monitoring Program, will be available to support the remedial investigation and the analyses of remedial alternatives.

In order to determine specific conclusions about the Routine Monitoring Program wells, it will be necessary for additional data to be collected from these wells. As data is collected for 1994, it will be reviewed in order to determine the significance of the previous results and will be reported as required under the DFOs.

1.0 INTRODUCTION

The purpose of this document is to fulfill the Fernald Environmental Management Project (FEMP) Resource Conservation and Recovery Act (RCRA) reporting requirement for 1993 as defined in the Ohio Administrative Code ([OAC] 3745-65-94[A][2][b], [A][2][c], and [B][2]). Specific requirements of the 1993 RCRA Annual Groundwater Report were defined in the Ohio Environmental Protection Agency (OEPA) Director's Final Findings and Orders (DFOs) issued September 1993 (Appendix A.1). The DFOs specifically require groundwater elevation measurements, groundwater activity updates from the five FEMP operable units (OUs), analytical results and concentration versus time plots for the Routine Monitoring Program wells. This document contains the following sections which provide a brief description of the FEMP's history and those items required in the DFOs:

- Section 1 provides a brief overview of the geology, production history and general regulatory history of the FEMP.
- Section 2 details the history of RCRA groundwater monitoring at the FEMP.
- Section 3 describes the groundwater activities conducted in 1993 by the five FEMP operable units.
- Section 4 summarizes the 1993 RCRA groundwater sampling activities and results.

In addition, several additional items required by the DFOs for the annual report are contained in the appendices of this document.

1.1 SITE DESCRIPTION AND HISTORY

The Fernald Environmental Management Project (FEMP), formerly known as the Feed Materials Production Center (FMPC), is a contractor-operated federal facility where high purity uranium metals were produced for the U.S. Department of Energy (DOE) between 1951 and 1989. The FEMP is located on 1050 acres in a rural area of Hamilton and Butler counties approximately 17 miles northwest of Cincinnati, Ohio (Figure 1-1). The former production area is limited to a 136-acre tract near the center of the site.

Shortly after World War II, the United States recognized a need for new facilities to produce uranium metal in support of its defense activities. After evaluating several sites, the U.S Atomic Energy Commission (AEC), predecessor to the DOE, selected the FEMP as the site for a new production facility for processing uranium and its compounds from natural uranium ore, concentrates, and recycled recoverable residues. In early 1951, the National Lead Company of Ohio (now NLO, Inc.)

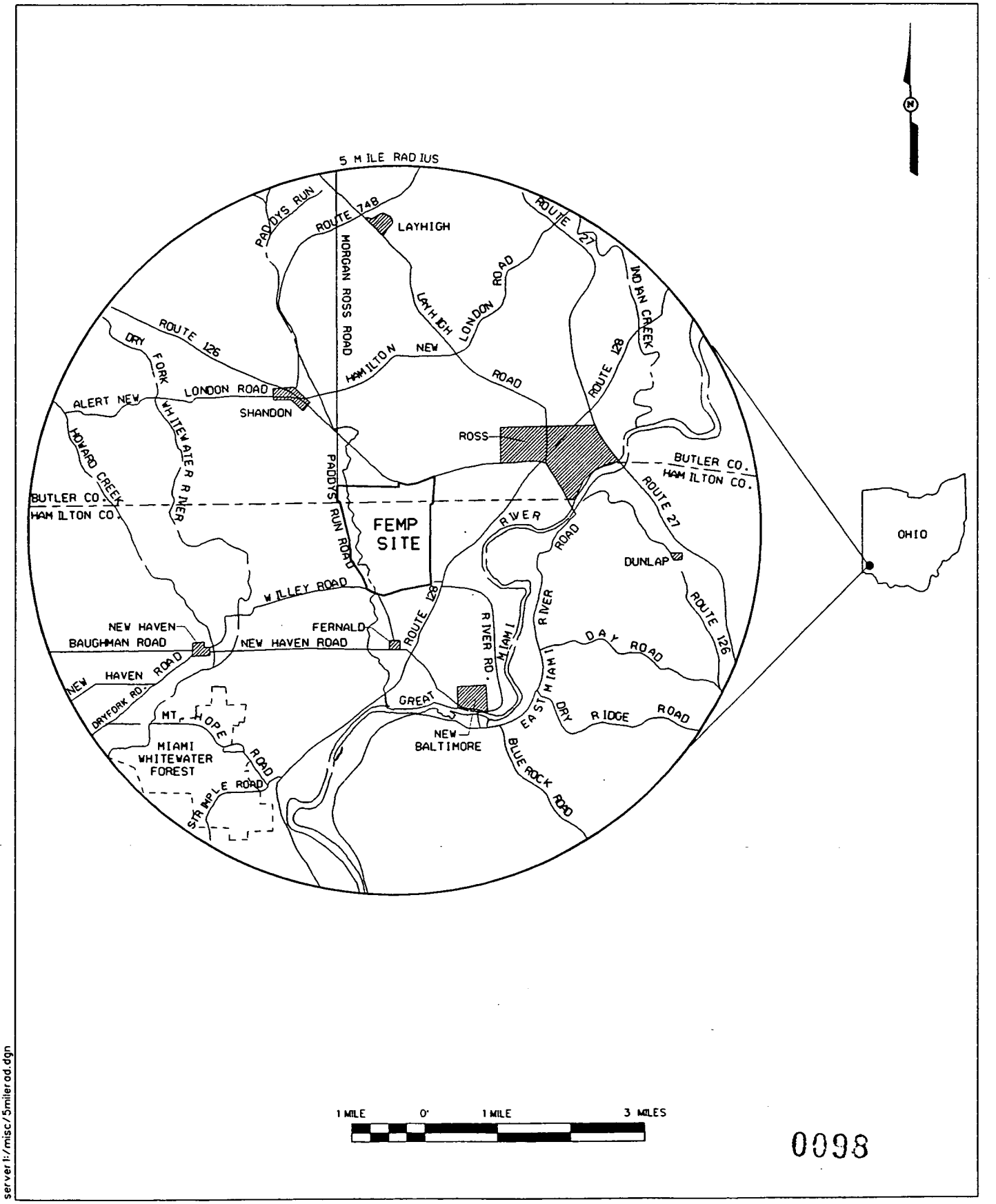

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FIGURE 1-1. FEMP SITE LOCATION MAP

entered into contract with the AEC as the Maintenance and Operations Contractor. Ground was broken on May 16, 1951, and the plant was fully operational by 1953.

Production at the site peaked in 1960 at approximately 10,000 metric tons of uranium (mtu). A decline in production began in 1964 and reached a low of about 1,400 mtu in 1975. During the late 1970s, funding for site production was significantly reduced and the site nearly closed. The closing was averted in the early 1980s when the United States increased defense spending and accelerated production at the facility. By the late 1980s, however, an increasing demand for environmental accountability combined with a decreasing demand for uranium metal, resulted in a change of the site's mission from uranium production to environmental restoration. Uranium production permanently stopped in July 1989. In August 1991, the facility name was changed to the Fernald Environmental Management Project signifying the change in site mission to solely environmental restoration and waste management.

1.2 GENERAL REGULATORY HISTORY

Current environmental investigations and clean-up activities are being directed through the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process; however, many other environmental regulations such as the National Environmental Policy Act (NEPA), RCRA, Clean Water Act (CWA), and National Emissions Standards for Hazardous Air Pollutants (NESHAP) impact site activities. The CERCLA process is intended to address other regulations through an Applicable or Relevant and Appropriate Requirement (ARAR) mechanism. The following paragraphs describe the chronology of regulatory events at the FEMP.

Under Executive Order 12088 issued October 13, 1978, all DOE facilities were mandated to comply with existing environmental statutes and regulations including the Clean Air Act (CAA), RCRA, and CERCLA. Consequently, on March 9, 1985, the U.S. Environmental Protection Agency (EPA) issued a Notice of Noncompliance to DOE, identifying EPA's major concerns over potential environmental impacts associated with the FEMP's past and on-going operations. Between April 1985 and July 1986, conferences were held between DOE and EPA representatives to discuss the issues and to identify the process DOE would implement to achieve and maintain environmental compliance.

On July 18, 1986, a Federal Facility Compliance Agreement (FFCA) pertaining to environmental impacts associated with the FEMP was signed by DOE and EPA. The FFCA was issued pursuant to Executive Order (43 Federal Register [FR] 47707), which would ensure compliance with existing

environmental statutes and implementing regulations such as the CAA, RCRA, and CERCLA. In particular, the FFCA was intended to ensure that environmental impacts associated with past and present activities at the FEMP are thoroughly and adequately investigated so that appropriate remedial response actions can be formulated, assessed, and implemented. In response to the FFCA, a Remedial Investigation/Feasibility Study (RI/FS) was initiated pursuant to CERCLA as amended by the Superfund Amendment and Reauthorization Act (SARA).

The FEMP initiated efforts to comply with regulatory standards by developing a CERCLA RI/FS Work Plan, a RCRA Assessment Monitoring Plan for groundwater, and RCRA Part A and B permits. The OEPA brought suit against the DOE for alleged violations of State RCRA and CWA regulations. The suit was settled when DOE entered into a Consent Decree with the State of Ohio on December 2, 1988. The Consent Decree outlined specific actions necessary to attain compliance with RCRA and CWA regulations, including characterization and proper management of hazardous waste, groundwater monitoring of RCRA regulated units, and control of wastewater discharges and storm water runoff. As specifically stated in the Consent Decree, the OEPA asserted that RCRA administrative requirements were to be addressed.

The FEMP was added to the National Priorities List in 1989. On April 9, 1990, a Consent Agreement, amending the 1986 FFCA, was signed by the DOE and EPA. The agreement included provisions for the continued compliance with the FFCA, the division of the site into five operable units (OUs), and outlined activities and schedules for the RI/FS and Records of Decision (ROD) for each operable unit in accordance with the requirements of Sections 106(a) and 120 of CERCLA. The site was divided into five operable units to more effectively manage ongoing CERCLA investigations. The operable units include:

- OU1 - Waste Pits 1 through 6, the Clearwell, the Burn Pit, berms, liners, and associated contaminated soil and perched water within the boundary of the unit.
- OU2 - Active and Inactive Flyash Piles, South Field, Lime Sludge Ponds, Solid Waste Landfill, berms, liners, and associated contaminated soil and perched water within the boundary of the unit.
- OU3 - The former Production Area and production-associated facilities and equipment (includes all above- and below-grade improvements) including, but not limited to, all structures, equipment, utilities, drums, tanks, solid waste, waste, product, thorium, effluent lines, K-65 transfer line, wastewater treatment facilities, fire training facilities, scrap metal piles, feedstock, and the coal pile.

- OU4 - Silos 1, 2, 3, 4, berms, the decant tank system, associated contaminated soil and perched water within the boundary of the unit.
- OU5 - All Environmental Media (i.e., perched water, soil, regional aquifer, flora, fauna, and surface water not associated with other units).

Figure 1-2 identifies the location of the operable units at the FEMP.

A Proposed Amended Consent Decree (PACD) was developed in December 1990 to update the State of Ohio Consent Decree, with regard to new agreements between EPA and the DOE and to resolve compliance issues raised by the OEPA. The PACD was signed in February 1993. The Federal Consent Agreement was amended in September 1991 to address new environmental issues and revise the CERCLA schedules.

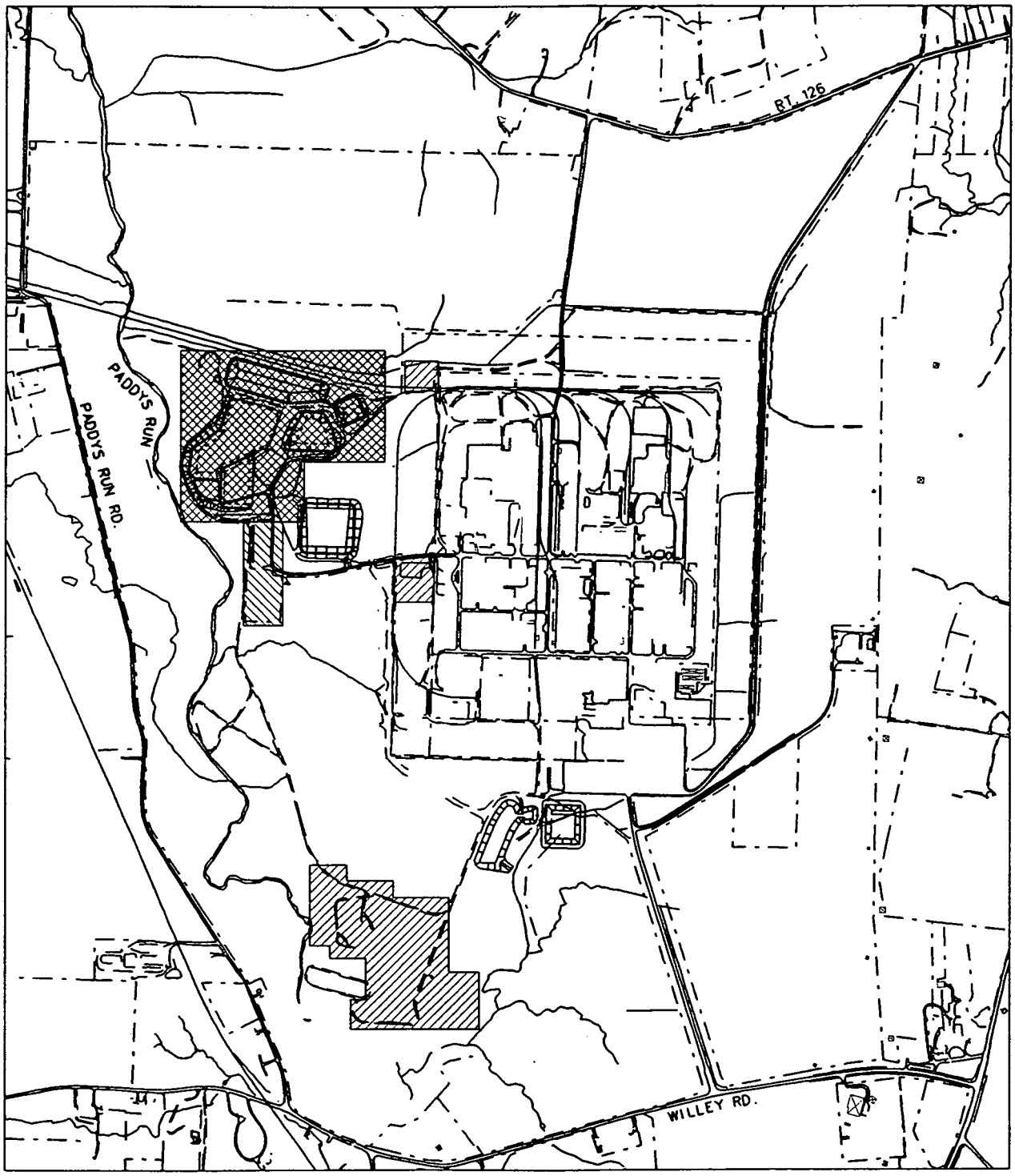
1.3 SITE GEOLOGY

The FEMP lies on the boundary between the southern extent of the Pleistocene Glaciation and the ancient unglaciated upland. The advance and retreat of continental glaciers shaped the topography and determined the hydrogeologic setting for the site.

The FEMP is located within a two-to three-mile-wide subterranean valley known as the New Haven Trough (Figure 1-3). The New Haven Trough formed as a result of Pleistocene Glaciation and was subsequently filled with glacial outwash material that formed the Great Miami Aquifer (GMA). The glacial outwash material, comprised of sand and gravel, was then covered by glacial overburden, composed mostly of till, as glaciers continued to advance and retreat across the area. The steep slopes on the north and south sides of the New Haven Trough are formed by Ordovician bedrock comprised of predominantly flat-lying shale with alternating thin layers of limestone.

The portion of the GMA that underlies the FEMP site consists primarily of glaciofluvial sand and gravel outwash deposited during the latest two Pleistocene glaciations. The thickness of the GMA varies from 120 to 200 feet in the valley and tributary valley centers to only a few feet along valley walls. With the exception of the upper 20 to 30 feet, the sand and gravel deposits are saturated. The elevation of the water table varies across the FEMP but is approximately 520 feet above mean sea level. Although the glaciofluvial deposits are heterogeneous, typically well-sorted sands and gravels, an interbedded clay layer within the coarse-grained sediments underlies most of the FEMP.

The clay interbed lies about 100 to 125 feet below the surface and generally about 60 to 80 feet below the water table. It ranges from 0 to 20 feet in thickness and consists of a low permeability



NOTE:

OU3 INCLUDES ALL BUILDINGS, PIPELINES AND ABOVEGROUND STRUCTURES IN THE PRODUCTION AREA.

OU5 INCLUDES GROUNDWATER, SURFACE WATER, SOIL, FLORA AND FAUNA IN THE REGIONAL AREA AS WELL AS THE PRODUCTION AREA.

SCALE

0 600 1800 FEET

LEGEND

OU1

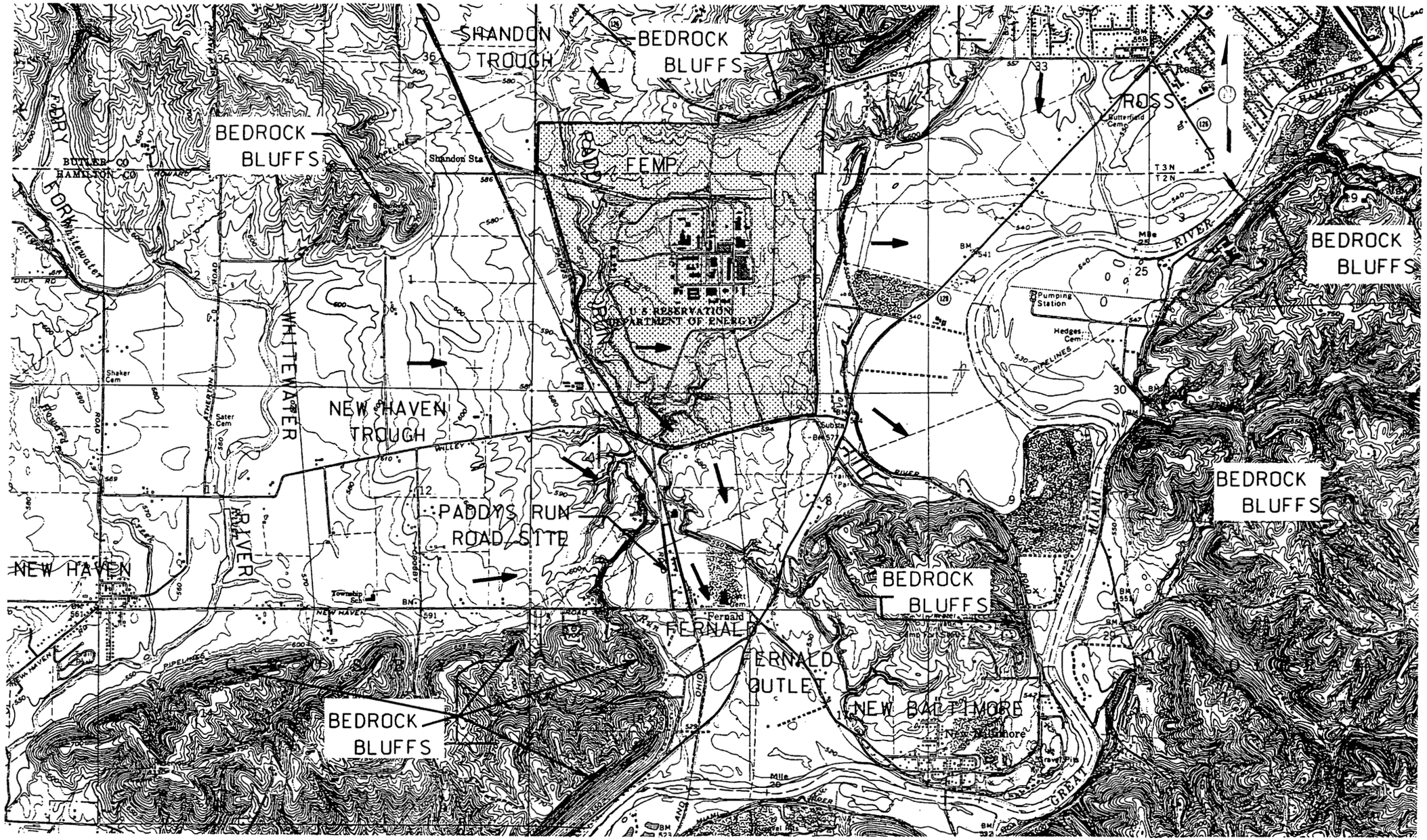
OU2

OU4

0102

server1:/misc/fmilerod.dgn

FIGURE 1-2. FEMP OPERABLE UNITS MAP



LEGEND:
GENERAL GROUNDWATER FLOW DIRECTION

SCALE
1 ½ 0 1 MILE

FIGURE 1-3. FEMP INVESTIGATION AREA

GISMAP.DGN 1-21-94

1-7

0103

homogeneous clay which acts as an aquitard within the GMA. Where the interbed is present the aquifer is divided into upper and lower halves. The clay of the interbedded layer is uniform in texture and contains only a small amount of silt and sand. It was deposited in a lacustrine or low-energy fluvial environment.

Figure 1-4 is a generalized cross section of the area. The New Haven Trough in the vicinity of the FEMP, and is U-shaped with a broad, relatively flat bottom and steep walls.

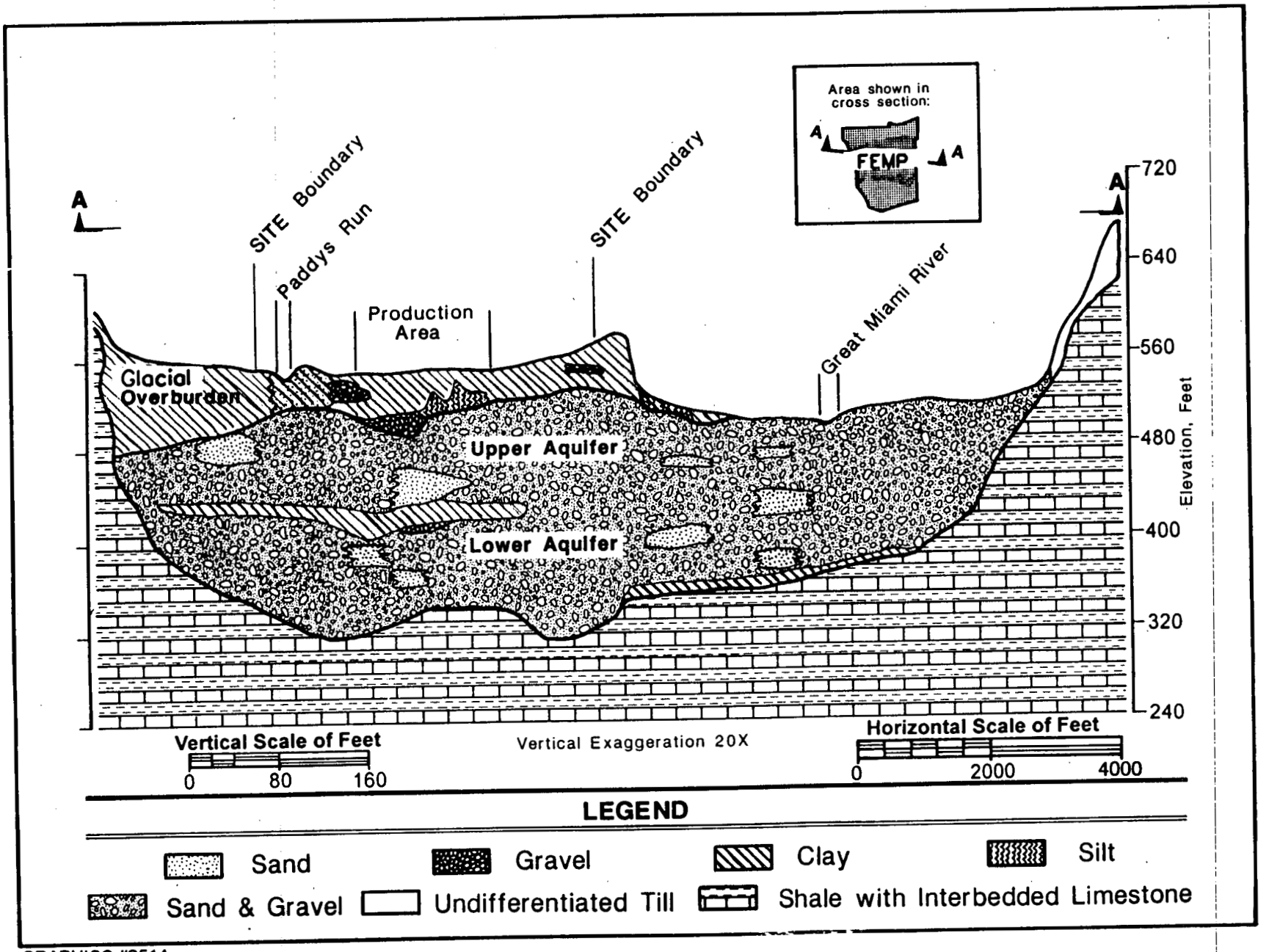
Much of the FEMP property lies on the younger glacial deposits formed when a small lobe of the Wisconsin age continental glacier moved over what is now the Paddys Run valley. This ice lobe advanced as far as the south side of the New Haven Trough and perhaps into the Great Miami River valley south of the village of Fernald. As the ice advanced, it deposited a layer of clay-rich till. A low north-south ridge west of the FEMP marks the western margin of the ice advance. As the ice retreated, fluvial, lacustrine, and loess deposits were deposited on top of the till. Collectively this younger till and sediments are referred to as glacial overburden. Glacial overburden covers the GMA beneath most of the FEMP site.

Glacial overburden ranges up to 50 feet in thickness, but commonly averages between 20 and 30 feet. It extends to the north and west outside of the FEMP, but ends to the south and east where the Great Miami River and Paddys Run have stripped off the glacial overburden as they carved their present channels. Perched groundwater in the glacial overburden occurs at a depth of approximately two to fourteen feet below the land surface.

1.4 SURFACE WATER HYDROLOGY

Major surface water features in the vicinity of the FEMP are the Great Miami River, Paddys Run, and several tributaries of Paddys Run (Figure 1-5). The FEMP is located within the Great Miami River Drainage Basin. The Great Miami River is the receiving stream for the permitted FEMP wastewater effluent discharge and represents the main surface water feature in the vicinity of the FEMP.

Paddys Run, a tributary of the Great Miami River, flows southward along the western edge of the FEMP boundary. It is 8.8 miles in length, has a 15.8 mi^2 drainage basin, and enters the Great Miami River approximately 1.5 miles south of the FEMP. It is generally intermittent with sustained flows usually occurring from January to May. During the balance of the year, it may be considered a dry streambed with occasional flash flows of a few hours' duration following heavy rains. Paddys Run is



GRAPHICS #2514

FIGURE 1-4. GENERALIZED GEOLOGIC CROSS SECTION OF THE FEMP

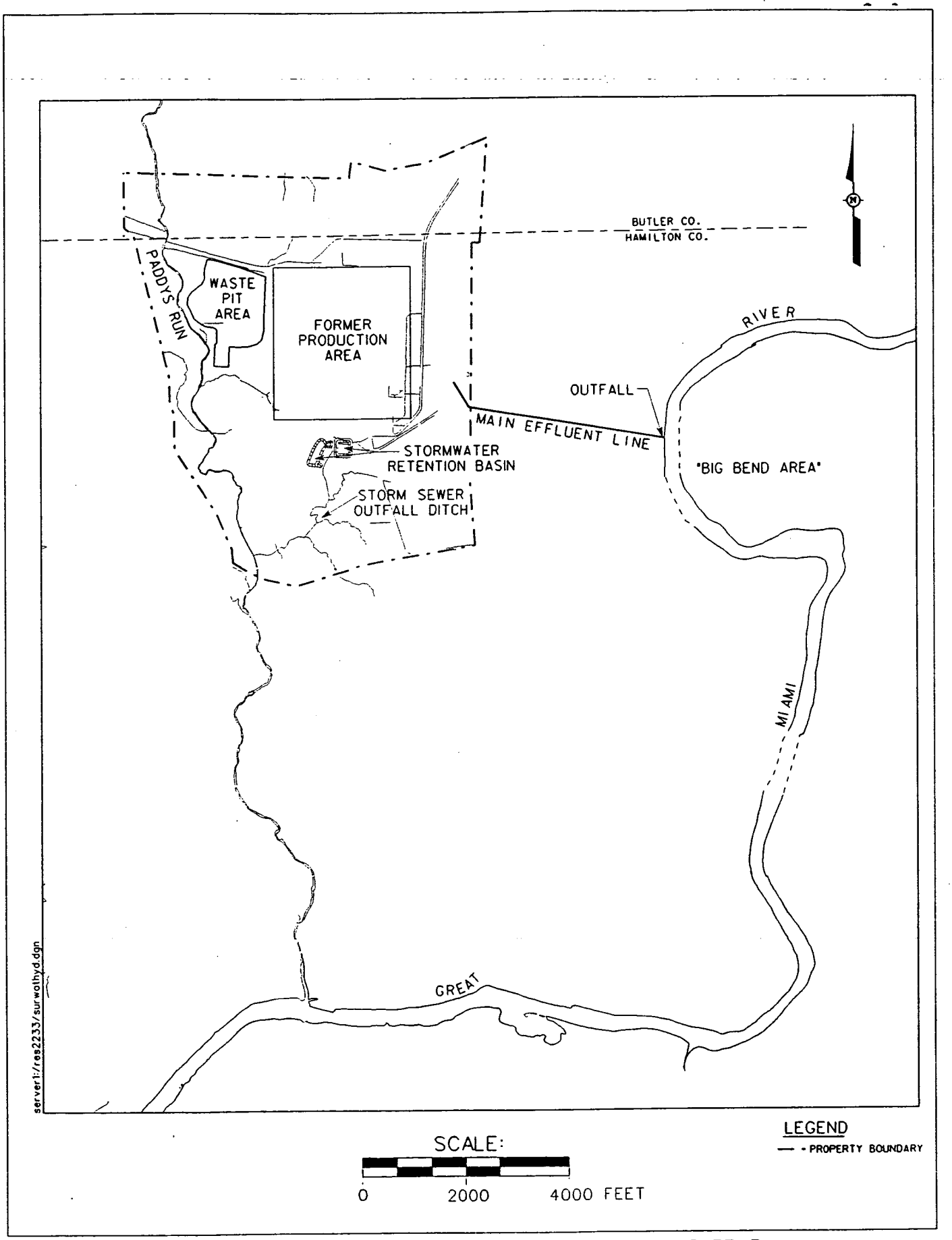


FIGURE 1-5. SURFACE WATER FEATURES OF THE FEMP

critical in the evaluation of the FEMP, as it is the discharge point for a large part of the natural drainage from the FEMP.

As mentioned, Paddys Run has several tributaries. Surface water runoff from the Waste Pit Area previously entering Paddys Run via three of these tributaries is now collected by the Waste Pit Perimeter Area Runoff Control Removal Action conducted by OU1. In the past, the larger of the three entered Paddys Run just north of the silos and south of the Clearwell. The two smaller tributaries drained the area north of Waste Pit 5, including the northwest corner of the former Production Area and the area between Waste Pit 5 and Waste Pit 3. These two drainages entered Paddys Run immediately south of the railroad tracks and about 100 yards south of the tracks, respectively. Additionally, a fourth tributary continues to drain the area between the former Production Area and the Waste Pit Area along with the area south of the K-65 Silos. This tributary enters Paddys Run south of the K-65 silos.

The Storm Sewer Outfall Ditch, the most significant tributary of Paddys Run in the vicinity of the FEMP, historically conveyed intermittent surface water runoff from the former Production Area directly to Paddys Run. This occurred when the capacity of the storm sewer lift station, which diverted low-flow storm water to Manhole 175, was exceeded during periods of heavy precipitation. In order to address storm water discharges a stormwater retention basin was constructed. The first chamber of the stormwater retention basin began operation in October 1986. The second chamber became operational in December 1988. Storm water runoff from the former Production Area is now conveyed to this basin. Following a minimum of a 24-hour retention period to allow for settling of suspended solids, the water is pumped out of the basins to the Great Miami River via the FEMP's main effluent line. The retention basin is designed to retain the runoff from a 10-year 24-hour rainfall event. Only in the event of an overflow will storm water from the former Production Area enter the outfall ditch.

1.5 WELL AND BORING NUMBERING SYSTEM

Wells at the FEMP are installed at four different depths. Figure 1-6 is a diagram depicting the well installation depth and associated well type. Wells that are screened in the glacial overburden are Type 1 wells. Wells screened at the water table of the GMA are Type 2 wells. Wells screened at the 10-foot interval above the discontinuous clay interbed near the middle of the GMA, or at the equivalent elevation if the clay was not encountered, are Type 3 wells. Wells screened approximately 10 feet above bedrock at the bottom of the GMA are Type 4 wells. Type 6 wells were installed south of the FEMP and monitor the zone between Type 2 and Type 3 wells.

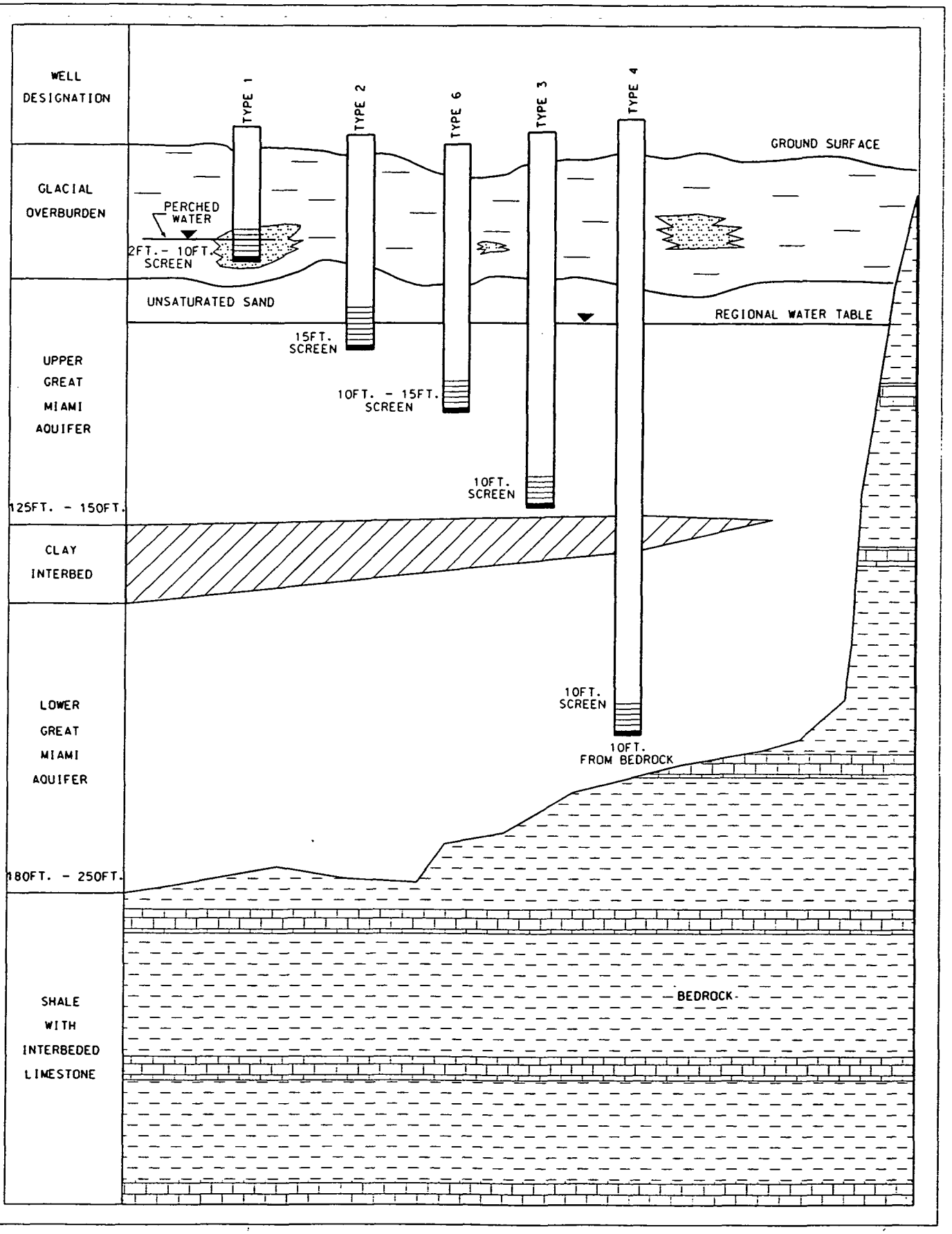


FIGURE 1-6. MONITORING WELL DEPTHS AND SCREEN LOCATIONS

The first digit of a well number indicates the well type. Wells installed at different levels in the GMA at the same location in most cases have the same last three or four digits. Some wells which were plugged and abandoned at the FEMP have been replaced. These new wells are assigned numbers which may not correspond to the previously existing wells at that location.

Type 1 Wells

The Type 1 wells were completed in the glacial overburden. The Type 1 wells were screened with two-to ten-foot lengths of screen, generally where coarser grained deposits were encountered in the glacial overburden. The length of the screen was dependent on the thickness of the water-bearing zone.

Type 2 Wells

Fifteen feet of well screen was installed in all the Type 2 wells so that approximately 10 feet of screen was below the water table and 5 feet of screen was above the water table of the GMA. These wells were installed to determine contaminant concentrations at or near the GMA water table, as this would be the first zone impacted by vertically infiltrating contaminants below the glacial overburden.

Type 3 Wells

Type 3 wells were installed to better define the extent of the clay interbed and to provide water samples and hydrologic data at a consistent stratigraphic level within the GMA.

The anticipated average depth of these Type 3 wells was 120 to 150 feet. If the clay interbed was encountered, the well was constructed so that the bottom of the well screen was just above the top of the clay unit. If the clay was not encountered at the target elevation, the borehole was advanced a minimum of 10 feet beyond the anticipated depth of the clay interbed to ensure that the clay was not present. If the clay unit was still not detected, the well was constructed so that the bottom of the well screen was at the target elevation of the clay interbed.

Type 4 Wells

All Type 4 wells were advanced until bedrock was encountered. Each boring was advanced several feet into bedrock to determine that it was bedrock and not a large boulder in the outwash sands and gravels. The wells were constructed with the bottom of the screen set 10 feet above the bedrock surface.

2.0 HISTORICAL AND ONGOING RCRA GROUNDWATER PROGRAMS

The following sections provide a detailed history of RCRA groundwater monitoring at the FEMP. Groundwater monitoring is required at the FEMP because of the existing regulated units used to manage hazardous waste at the site. A regulated unit is defined as a landfill, surface impoundment, waste pile, or land treatment that received hazardous waste after July 26, 1982.

The history of RCRA groundwater monitoring at the FEMP is shown as a time line in Figure 2-1. This time line shows the commencement dates of the Detection Monitoring Program and the Assessment Monitoring Program, the documents that guided these programs, and the regulated units that were being monitored.

As mentioned in Section 1.0, the requirements for this RCRA annual groundwater report are defined in the OEPA DFOs issued in September 1993. The OEPA requirements for a Subpart F RCRA groundwater monitoring program are provided in Appendix A.2, along with an explanation of how these requirements are met in this document.

Results from the RCRA Detection Monitoring Program are summarized in the RCRA Groundwater Reports (ASI/IT 1988) (Dames & Moore 1987a, 1987b, 1987c, 1986a, and 1986b). Results from the RCRA Assessment Monitoring Program are detailed in the RCRA Annual Groundwater Reports (DOE 1992, 1991, 1990, and 1989).

2.1 RCRA DETECTION MONITORING PROGRAM

The disposal of barium chloride in Waste Pit 4 from 1980 to 1983 necessitated groundwater monitoring under RCRA at the FEMP. A Detection Monitoring Program was initiated at Waste Pit 4 in August 1985 in accordance with the requirements of OAC 3745-65-93 (D)(2) and 40 Code of Federal Regulations (CFR) 265.90 through 93 (d)(2). The Detection Monitoring Program included monitoring of wells upgradient and downgradient of Waste Pit 4 for general water quality, drinking water suitability, and indicator parameters as specifically defined in OAC 3745-65-92 and 40 CFR 265.92.

Six rounds of water quality samples were collected from 41 wells. Dates of the sampling rounds are as follows:

Significant Events		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Initiated RCRA Groundwater Detection Monitoring for Waste Pit 4	1985								●				
Initiated RCRA Groundwater Assessment Monitoring for Waste Pit 4	1987											●	
Submitted RCRA Groundwater Quality Assessment Program Plan (GQAPP) for Waste Pit 4, Revision 0	1987											●	
Submitted RCRA GQAPP for Waste Pit 4, Revision 1	1989			●									
Submitted RCRA GQAPP for Waste Pit 4, Revision 2	1991				●								
Part A Permit submitted identifying nine regulated units requiring groundwater monitoring	1991						●						
Submitted RCRA Groundwater Monitoring Plan (GMP), Revision 0	1991												●
Submitted RCRA GMP, Revision 1	1992												●
Proposed Alternate Monitoring Program to OEPA in order to integrate RCRA and CERCLA activities.	1993					●							
Submitted Project Specific Plan (PSP) for the Routine Monitoring Program along the Downgradient Boundary of the FEMP, Revision 0	1993							●					
OEPA issued Director's Final Findings and Orders (DFOs) in response to the Alternate Monitoring Program. DFOs defined requirements for the Alternate Monitoring Program and detailed the items to be included in the RCRA Annual Groundwater Report, Revision 0	1993									●			
Submitted PSP for the Routine Monitoring Program, Revision 1	1993										●		

FIGURE 2-1. FEMP RCRA GROUNDWATER MONITORING HISTORY

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- Round 1 -
  - Phase 1 - August 1, 1985
  - Phase 2 - August 27, 1985
  - Phase 3 - January 8 and 9, 1986
- Round 2 - May 19 and 20, 1986
- Round 3 - August 27 and 28, 1986
- Round 4 - November 18 and 19, 1986
- Round 5 - May 26 and 27, 1987
- Round 6 - November 30 to December 7, 1987

Figure 2-2 identifies 40 of the 41 wells sampled in the program. The well not identified in the figure is the Southwestern Ohio Water Company Collector Well 2 (SW-2) which is east of the site near the Great Miami River. A statistical analysis that compared upgradient to downgradient monitoring well indicator parameter results was completed following Round 5. In general, the water quality data collected under this program indicated the following:

- Water quality parameters in the GMA beneath the FEMP Waste Pit Area appeared to indicate degradation of water quality with respect to sulfate and nitrates.
- No pesticides/herbicides were detected in any of the wells sampled.
- No confirmable concentrations of organic compounds were detected. Concentrations of organic compounds ranging from less than one μg/L to approximately 30 μg/L were identified but occurred inconsistently. The origin of these organic compounds could not be specifically traced to any individual unit within the Waste Pit Area.

2.2 RCRA GROUNDWATER ASSESSMENT MONITORING PROGRAM

In accordance with OAC 3745-65-93(D)(1)/40 CFR 265.93(d)(1), the EPA and the OEPA were notified on November 13, 1987, that Waste Pit 4 may be affecting groundwater quality in the Waste Pit Area. This notification was based upon the statistical comparisons completed as part of the Detection Monitoring Program implemented in the vicinity of Waste Pit 4. At this time, the RCRA Detection Monitoring Program was changed to a RCRA Assessment Monitoring Program.

2.2.1 RCRA Groundwater Quality Assessment Program Plan (GQAPP)

On November 25, 1987, the RCRA GQAPP for Waste Pit 4 was submitted to the EPA and OEPA as required by CFR 40, 265.93 through 265.94 and OAC 3745-65-93 through 3745-65-94. The RCRA Assessment Monitoring Program sampling was initiated in March 1988 as an ARAR of CERCLA. Each well in the program was sampled quarterly for one year. The fourth round of sampling was completed in March of 1989.

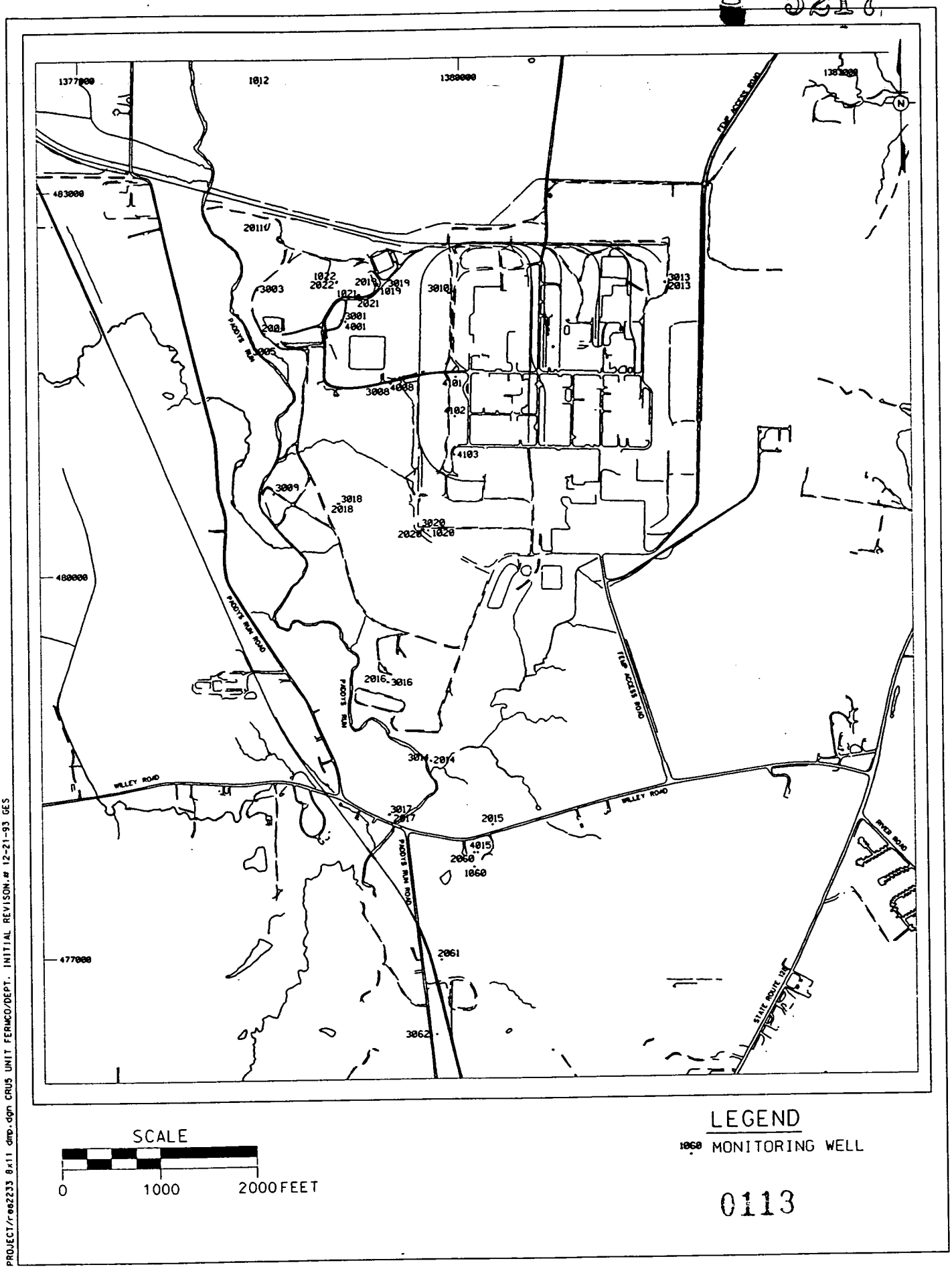

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FIGURE 2-2. DETECTION MONITORING PROGRAM WELLS

In response to comments from EPA and to keep pace with progressive activities and findings made under the Assessment Monitoring Program at the FEMP, the GQAPP, Revision 1 was submitted to the EPA and OEPA on March 23, 1989. On the basis of a detailed evaluation of the available water quality and flow information, the revised GQAPP identified 43 wells (Figure 2-3) for RCRA monitoring. Each well was sampled quarterly for 35 site-specific analytical parameters.

In April 1991, the GQAPP, Revision 2, was submitted to the EPA and OEPA to include findings from previous RCRA sampling, to address regulatory comments, and to provide more detailed sampling procedures. The revision also expanded the monitoring program by adding 11 monitoring wells. Figure 2-4 shows the original 43 wells sampled in the GQAPP, Revision 1 as well as the 11 wells added under the GQAPP, Revision 2.

2.2.2 RCRA Groundwater Monitoring Plan (GMP)

The RCRA Assessment Monitoring Program at the FEMP was altered in 1991 when the Part A Permit Application submitted in June 1991 identified 51 Hazardous Waste Management Units (HWMUs) including nine land-based HWMUs requiring groundwater monitoring . Before June 1991, Waste Pit 4 was the only identified regulated unit requiring groundwater monitoring. In order to bring the FEMP into compliance with the State of Ohio Subpart F Hazardous Waste Rules OAC 3745-65-90 through 94, the RCRA Groundwater Monitoring Plan (GMP), Revision 0 was prepared and submitted to the EPA and OEPA in December 1991 to replace the existing GQAPP for Waste Pit 4. The scope of the RCRA GMP was larger than that of the GQAPP due to the requirement to provide groundwater monitoring for nine regulated units identified. Figure 2-5 identifies the nine FEMP regulated units requiring groundwater monitoring.

The RCRA GMP was designed to monitor the groundwater downgradient of the nine land-based regulated units. Due to the significant number of regulated units within the Production Area and Waste Pit Area, they were designated as Waste Management Areas (WMAs). A WMA is defined in OAC 3745-65-91(B)(2)/40 CFR 265.91(b)(2) as an imaginary boundary that circumscribes several waste management units. Three monitoring well networks were defined to provide adequate monitoring of the GMA downgradient of the WMAs, one monitoring the Waste Pit Area, another monitoring the Production Area, and the last monitoring the facility property boundary (Figure 2-6). The RCRA GMP also stated that the wells identified in the GQAPP, Revision 2 would continue to be monitored until the new monitoring networks were installed.

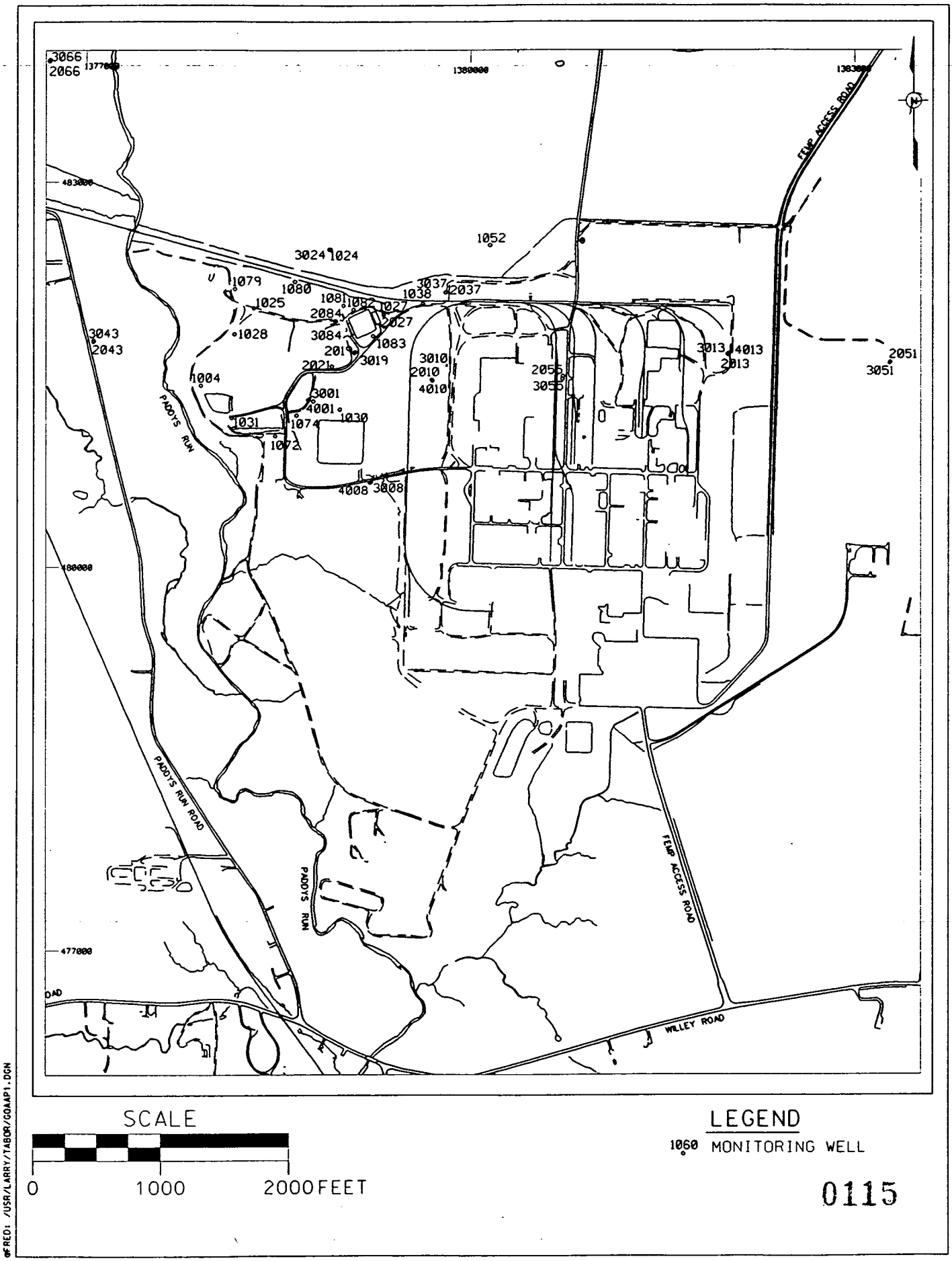

FIGURE 2-3. GOAPP REVISION 1 MONITORING WELLS

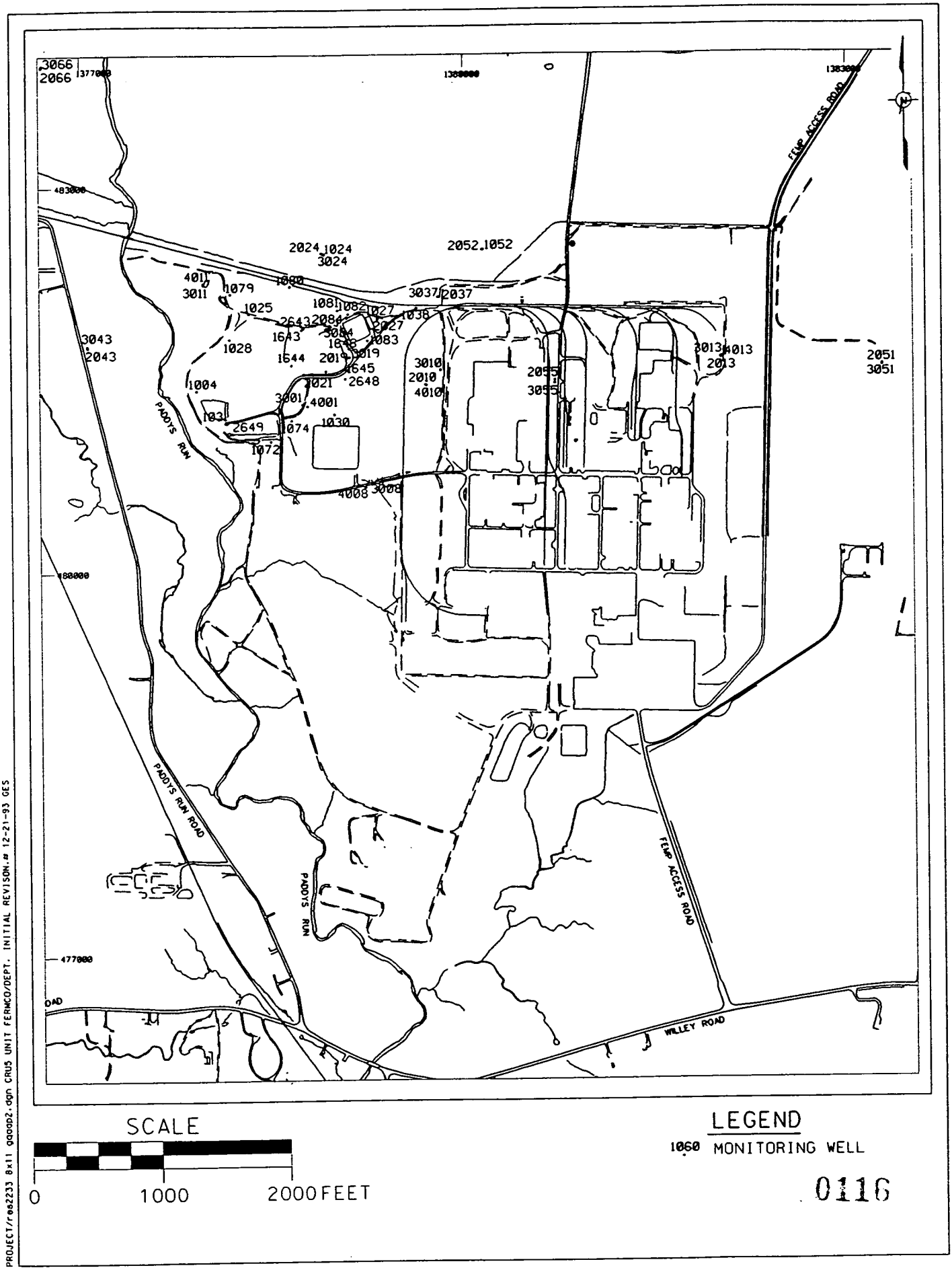

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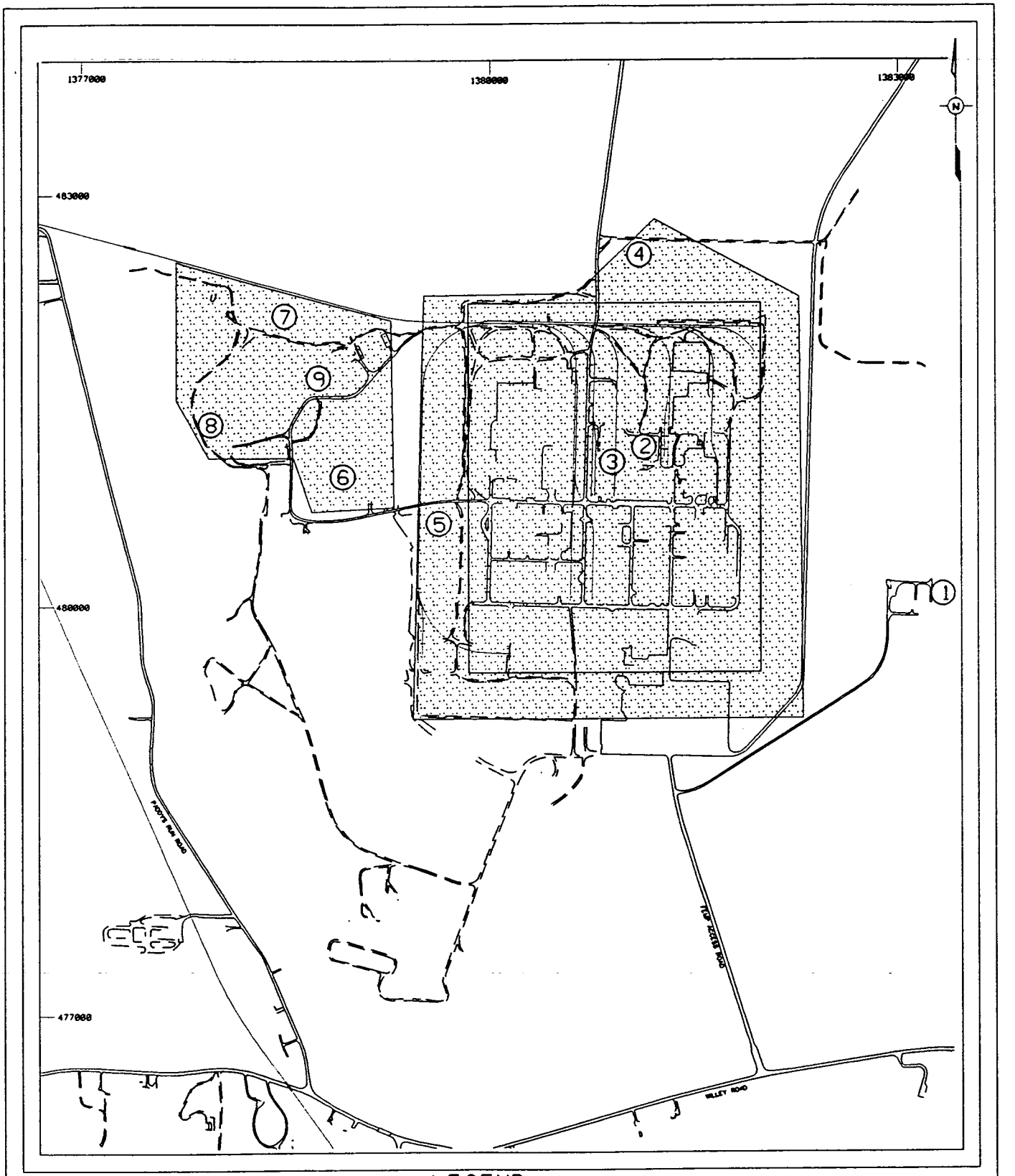
FIGURE 2-4. GQAPP REVISION 2 MONITORING WELLS



LEGEND

WASTE MANAGMENT AREAS (WMA)

SCALE

0 1000 2000 FEET

1. SLUDGE DRYING BEDS
2. COAL PILE RUNOFF BASIN
3. TANK FARM SUMP
4. FIRE TRAINING FACILITY
5. LIME SLUDGE PONDS
6. BIODENITRIFICATION SURGE LAGOON
7. WASTE PIT 5
8. CLEARWELL
9. WASTE PIT 4

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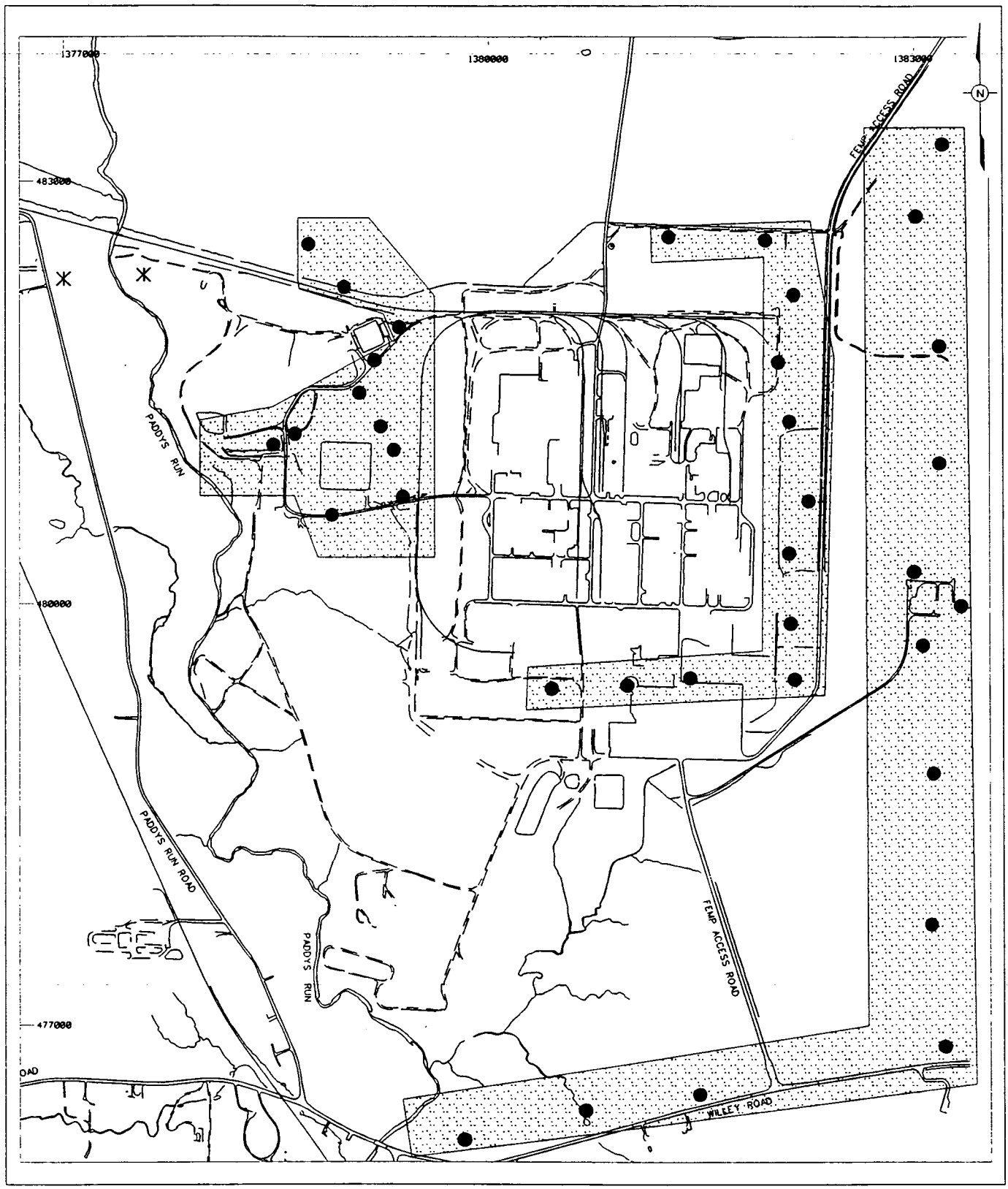
FIGURE 2-5. REGULATED UNITS AND WASTE MANAGEMENT AREAS



LEGEND

- ● DOWNGRADIENT MONITORING WELL CLUSTER
- ✳ UPGRADIENT MONITORING WELL CLUSTER
- MONITORING WELL NETWORK

SCALE

0 1000 2000 FEET

FIGURE 2-6. RCRA GMP MONITORING NETWORK

By mid-1993, the property boundary network was near completion and monitoring well installation was proceeding on the Production Area monitoring network. At this time, it was determined that it would be both impractical and impossible to meet RCRA requirements under the current monitoring program. In a letter to the OEPA (Appendix A.3), the DOE summarized the difficulties encountered while trying to comply with Subpart F requirements and how in trying to meet these requirements there was a duplication of effort in CERCLA and RCRA activities at the FEMP.

Specifically, due to RCRA reporting requirements, it had not been possible to integrate CERCLA and RCRA field investigations because RCRA investigation results are required to be reported in a one-year time frame whereas under CERCLA, the RIs are conducted in accordance with schedules dictated by the Amended Consent Agreement. Thus, RCRA compliance was maintained by conducting parallel field investigations with similar objectives.

It was also determined that continual monitoring as proposed in the RCRA GMP would not yield any data critical in selecting remedial alternatives in time for the OU5 RI report submittal. If continued attempts were made to meet the substantive requirements under Subpart F through implementation of the RCRA GMP, competition for monetary and technical resources with the CERCLA process would continue to occur.

2.2.3 RCRA Project Specific Plan - Routine Monitoring

In order to integrate CERCLA and RCRA monitoring activities under a single program, DOE proposed an Alternate Monitoring Program pursuant to OAC 3745-65-90 (D). The Alternate Monitoring Program is comprised of two components as defined below:

- Conducting groundwater characterization activities under CERCLA as defined by the OU5 RI/FS Work Plan and Addenda.
- Providing quarterly groundwater monitoring of the downgradient property boundary under the Routine Monitoring Program as defined in the "Project Specific Plan (PSP) for the Routine Groundwater Monitoring Program Along the Downgradient Boundary of the FEMP".

The Alternate Monitoring Program enabled groundwater characterization investigations to continue as proposed by the OU5 Work Plan and Addenda while providing a means for the OEPA to apply its RCRA authority toward activities conducted under this work plan. Figure 2-7 identifies the components of the Alternate Monitoring Program. This program deviates from the typical Subpart F RCRA monitoring in the following ways:

ALTERNATE MONITORING PROGRAM

Routine Monitoring Program

- Sample 33 property boundary wells to assess the magnitude of off-site releases from the FEMP
- Report results annually in the RCRA Annual Groundwater Report

CERCLA Operable Unit 5 Work Plan and Addenda

- Define nature, rate and extent of groundwater sufficient to select a remedial alternative
- Report results in the OU5 RI according to the schedules of the 1991 Amended Consent Agreement

FIGURE 2-7. COMPONENTS OF THE ALTERNATE MONITORING PROGRAM

- Individual monitoring of regulated units is not provided through the RCRA process but is addressed under CERCLA;

- The OU5 RI report will define the nature, rate, and extent of migration sufficient to select a remedial alternative. Determination of nature, rate, and extent will not be made on an annual basis as required by RCRA Subpart F regulations; and

- Routine quarterly sampling as defined in the Routine Monitoring Program will monitor the facility property boundary to identify any potential migration of contaminants off-site. This information will be reported annually in the FEMP's RCRA Annual Groundwater Report.

The objectives of the Routine Monitoring Program were defined in the "Project Specific Plan (PSP) for Routine Groundwater Monitoring Program along the Downgradient Boundary of the FEMP" submitted in July 1993. The Routine Monitoring Program is comprised of 33 monitoring wells at the facility property boundary, including the monitoring wells installed for the downgradient facility property boundary monitoring network defined in the RCRA GMP.

On September 10, 1993, the OEPA issued the DFOs following negotiations with the DOE. The DFOs provided guidance on the Alternate Monitoring Program and identified elements to be included in the RCRA Annual Groundwater Report.

3.0 OPERABLE UNIT GROUNDWATER ACTIVITY UPDATES

During 1993, many groundwater-related field programs were completed by the FEMP to meet specific operable unit objectives. Descriptions of individual operable unit groundwater activities along with limited background information are provided in the following sections. Where appropriate, project specific documents that provide greater detail are referenced. Operable unit descriptions are provided in Section 1.2. Figure 3-1 shows the major features associated with each of the operable units.

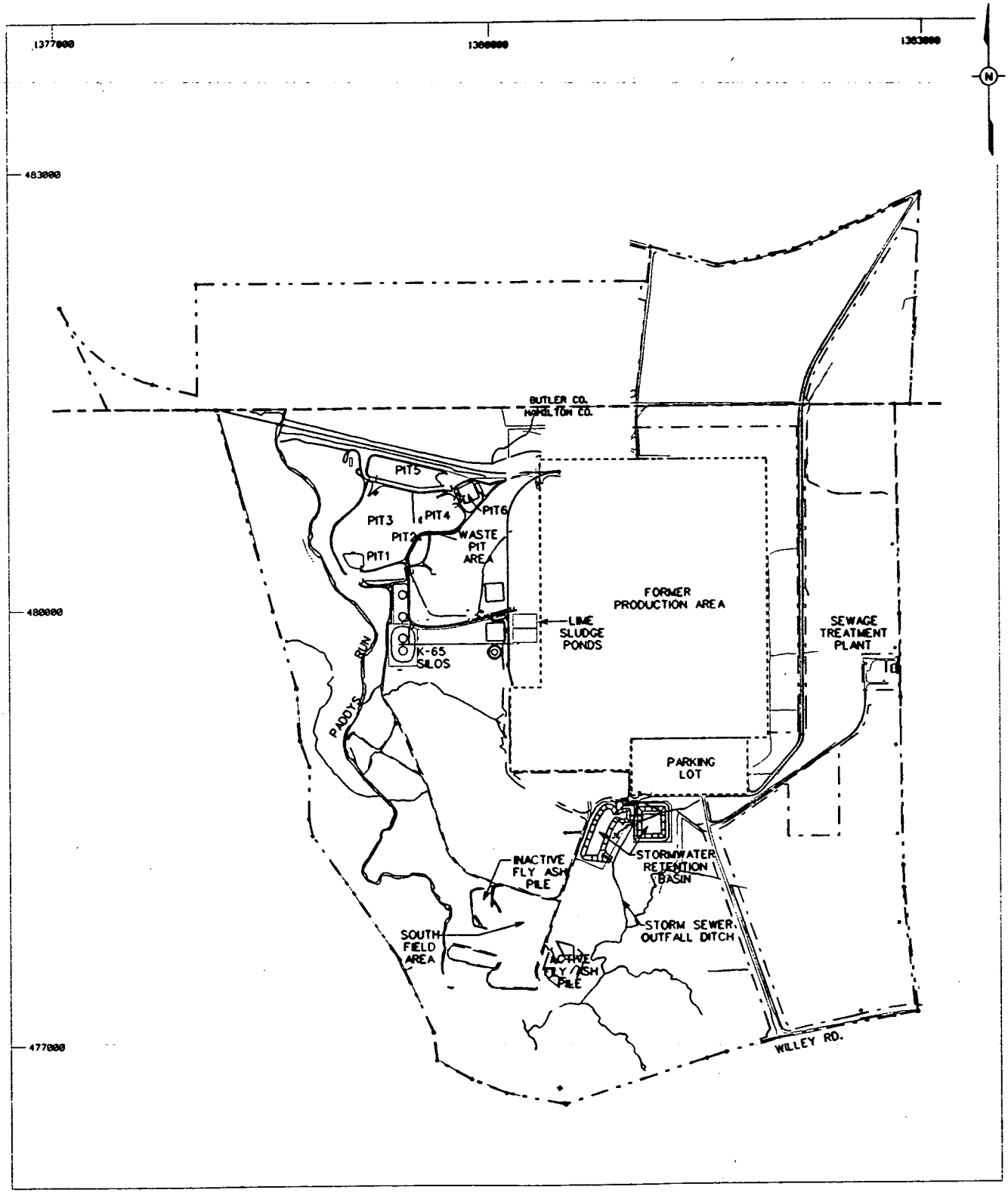
Operable Units 1, 2, and 4 are responsible for characterizing all perched water that is integral to their waste units and for determining their unit specific impacts to the GMA. OU5 is responsible for characterizing the GMA and all perched water not integral to other operable unit areas. OU3 is not responsible for characterizing perched water or groundwater at the FEMP. Perched water and groundwater within OU3 will be addressed by OU5. A comprehensive characterization of perched water and groundwater at the FEMP will be detailed in the OU5 RI report which will be submitted to the EPA and OEPA in June 1994.

3.1 OPERABLE UNIT 1 GROUNDWATER ACTIVITY UPDATE

During 1993, several groundwater activities were completed by OU1 to support the RI report submittal to the EPA and OEPA on October 5, 1993. These activities consisted of sampling existing wells in and surrounding the waste pits for radiological and chemical parameters, and installing water level transducers to monitor water levels in wells located in Waste Pits 1, 2, 3, 4 and the Burn Pit. Water level transducers were installed in the waste pits in order to determine the relationship between the perched water outside of the pits and the leachate within the pits. Detailed groundwater information from these activities is provided in the OU1 RI report.

3.2 OPERABLE UNIT 2 GROUNDWATER ACTIVITY UPDATE

The RI report for OU2 was submitted to the EPA and OEPA in October 1992. Based on review comments and DOE responses to those comments, additional sampling and analysis were required. In addition, a revised schedule for resubmittal of the RI report was negotiated with the EPA. In April 1993, OU2 initiated Phase II of the RI/FS Field Investigation. This work included installing and sampling new wells, Hydropunch™ sampling, and additional sampling of existing wells in or near each of the OU2 waste subunits.



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LEGEND

------- PRODUCTION AREA PERIMETER

— - - FEMP PERIMETER

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FIGURE 3-1. MAJOR FEATURES ASSOCIATED WITH THE OPERABLE UNITS

Hydropunch™ sampling was conducted during the Phase II Investigation to locate sources of contamination and determine the extent of contaminated perched water within OU2. Forty-three groundwater samples were collected using the Hydropunch™ from the Southfield, Inactive Flyash Pile Area and Solid Waste Landfill. These samples were screened for total uranium at the on-site laboratory. Results from the Hydropunch™ sampling were used to determine the locations of new monitoring wells. A total of 22 Type 1 and Type 2 wells were installed within the OU2 areas.

In addition, 25 existing wells were sampled under the Phase II Investigation. Samples were sent to the on-site laboratory for total uranium or gamma spectrometry screening, or sent off-site to be analyzed for volatile and semivolatile organic compounds, pesticides/polychlorinated biphenyls (PCBs), radionuclides, metals, and/or general groundwater quality parameters. A discussion of these groundwater activities and results will be detailed in the resubmittal OU2 RI report which will be provided to the EPA and OEPA in February 1994.

3.3 OPERABLE UNIT 3 GROUNDWATER ACTIVITY UPDATE

Although OU3 is not responsible for characterizing perched water or groundwater, they are responsible for determining the effects OU3 removal actions may have on these media. Groundwater activities were conducted under the following OU3 Removal Actions:

- Removal Action 13 - Plant 1 Ore Silos
  Before dismantling of the Plant 1 Ore Silos began in 1993, groundwater samples were collected from six Type 1 wells surrounding the Plant 1 Silos to establish a baseline of conditions within the perched water. Further sampling is being conducted during demolition to verify that perched water is not being effected by these activities.

- Removal Action 7 - Plant 1 Pad Continuing Release
  Groundwater samples were collected from 19 wells at the Plant 1 Pad to confirm that activities to upgrade the pad are not adversely effecting the perched water or groundwater.

Further information and background detail can be found in the work plans for these two removal actions. Data from these removal actions will be presented in the removal action closeout reports in 1995.

3.4 OPERABLE UNIT 4 GROUNDWATER ACTIVITY UPDATE

In the spring of 1993, work defined under the "Work Plan Addendum for the Additional Characterization of Vadose and Perched Water in the K-65 Area" was completed. Seven additional piezometers and three lysimeters were installed in downgradient areas west of the K-65 Silos as defined in the addendum. The purpose of the additional field work was to determine if elevated

perched groundwater zones exist. This data is presented and discussed in greater detail in the OU4 Feasibility Study (FS) report submitted to the EPA and OEPA in December 1993. The OU5 RI report will also discuss the results of this investigation.

3.5 OPERABLE UNIT 5 GROUNDWATER ACTIVITY UPDATE

3.5.1 Operable Unit 5 Groundwater Field Activities

In January/February 1993, OU5 concluded a preliminary review of the data set for the OU5 RI. Through this review, a number of specific data needs were identified. In order to satisfy some of these data needs, a number of focused groundwater-related field activities were conducted during the spring and summer of 1993. Four PSPs, prepared as addenda to the RI/FS Work Plan (DOE 1988), defined the major groundwater related field activities required to support site characterization, baseline risk assessment and groundwater modeling for the OU5 RI. These PSPs are the following:

- Additional Monitoring Well Installation and Abandonment

  This program specified the installation of replacement wells for damaged and/or defective wells that were located in areas where additional data was needed to support the OU5 RI. In addition, several new wells were installed in areas where additional data was required to complete the OU5 RI.

- Pilot Plant Drainage Ditch Seepage and Surface Water Background Investigation

  This investigation consisted of sampling seeps and surface water from the drainage ditch west of the Pilot Plant. The purpose of the investigation was to assess the current contaminant concentrations; to define the source of contaminated surface water within the drainage ditch; and to collect additional background surface water samples in Paddys Run and the Great Miami River.

- Snapshot Monitoring Well Sampling and Surface Water and Sediment Sampling

  This program was the most comprehensive groundwater characterization effort at the FEMP to date. This program consisted of sampling several hundred monitoring wells located on-site and off-site for radiological and chemical parameters. The purpose of the snapshot program was to characterize current contaminant concentrations in the groundwater and perched water.

- FEMP Glacial Till/Vadose Zone Hydraulic Investigation

  This investigation consisted of conducting pumping tests and slug tests in the glacial overburden, installing and sampling suction lysimeters, conducting open-hole packer tests, and conducting limited perched water sampling. The objective of the investigation was to refine the conceptual model of the glacial overburden by determining the hydraulic conductivity within the various sediment types which comprise the glacial overburden.

Detailed background information on each of the field programs is contained within each PSP. The results of the above field programs will be detailed in the OU5 RI report.

3.5.2 Operable Unit 5 Removal Actions

The following sections describe groundwater activities conducted under OU5 Removal Actions.

3.5.2.1 Removal Action 1 - Contaminated Groundwater Under FEMP Buildings

Extraction wells were operated in the areas of Plants 2/3, 6, 8, and 9 (January through April 1993) to reduce the hydrostatic head of the contaminated perched water under these buildings. Approximately 81,337 gallons were extracted and processed in the Plant 8 Volatile Organic Compound (VOC) Treatment System and then in the Plant 8 Sump for uranium removal.

In April, a uranyl nitrate hexahydrate (UNH) spill associated with UNH processing halted operations at Plant 8 while corrective actions were taken. As a result, extraction of perched water continued on a very limited basis with the water being stored in drums pending the restart of the Plant 8 uranium and VOC treatment systems.

In October, the Plant 8 VOC Treatment System was restarted and the perched water stored in drums was processed. Processing of accumulated perched water continued through December 1993 with normal operations anticipated by March 1994.

Further information and background detail can be found in the Removal Action Work plans:

- Plant 6 Contaminated Perched Water Modified Removal Action Work Plan (DOE 1990)
- Plant 2/3 Contaminated Perched Water Removal Action Work Plan (DOE 1990)
- Plant 9 Contaminated Perched Water Removal Action Work Plan (DOE 1990)

3.5.2.2 Removal Action 3 - South Plume Groundwater Contamination

A pumping test was conducted at Well 3928 (Recovery Well 4) in May 1993. The objective of the pumping test was to acquire data for calculating hydraulic properties of the GMA in the vicinity of the proposed South Plume recovery well field. These hydraulic properties included hydraulic conductivity, storage capacity, and evaluating anisotropic conditions that may exist near the proposed recovery wells. The pumping test was performed in three stages:

- Step Drawdown Test
- Constant Pumping Rate Test
- Aquifer Recovery Measurements

Information from the pumping test was used to help set the screened interval for the recovery wells, establish initial pumping rates, and recalibrate the groundwater model. Results of the pumping test can be found in the "South Plume Removal Action Pumping Test Report" (DOE 1993).

Following the pumping test, installation of the five recovery wells was completed and pumping operations began on August 27, 1993. The initial combined pumping rate of the system was 2000 gallons per minute (gpm). Sampling was conducted under the "South Plume Groundwater Recovery System Design, Monitoring, and Evaluation Program Plan" (DMEPP) (DOE 1993) to assess the performance of the recovery system. Hydraulic data and analytical results collected during the first two months of operation were evaluated during November 1993. Analytical data indicated that the recovery system was possibly effecting the migration of inorganic contamination associated with the Paddys Run Road Site, a privately run RI/FS conducted under the State of Ohio's jurisdiction, located south of the extraction well field. The combined pumping rate was reduced to 1500 gpm in December and a capture zone analysis was performed. The results of the capture zone analysis showed that successful interception of the 20 μg/L uranium plume to the north of the extraction wells was accomplished at both the 2000 gpm rate and the 1500 gpm rate. In addition, the capture zone analysis showed that the recovery wells would not capture contaminants from the south associated with Paddys Run Road Site at either pumping rate. However, the operation of the extraction system at both pumping rates may be influencing the direction of groundwater flow under a portion of the Paddys Run Road Site. In response to these findings, hydraulic readings were expanded to include additional wells and the sampling frequency of selected wells was increased.

Efforts in 1994 will center around optimizing the performance of the recovery well field while minimizing any potential impacts to the Paddys Run Road Site and maintaining an effective barrier to the migration of uranium contamination in the South Plume. Quarterly reports summarizing hydraulic data and analytical results will be prepared and submitted to the EPA and OEPA as defined in the DMEPP. Further information and background detail can be found in the following documents:

- South Plume Groundwater Recovery System Design, Monitoring, and Evaluation Program Plan (DOE 1993)
- South Plume Removal Action Groundwater Modeling Report (DOE 1993)

3.5.2.3 Removal Action 30 - Well No. 67 in the KC-2 Warehouse

Activities to remove the estimated 40 feet of sediment contained in Well No. 67, a Type 4 Well, located in the KC-2 Warehouse, were initiated during July 1993. Approximately 12 feet of material

was removed from the well before removal activities were stopped. A number of different methods were attempted to remove materials from the well including using electric hoist with standard cable tools, breaker bits, magnets and a jetting tool. None of these methods proved to be effective after the top 12 feet of sediment had been removed from the well. Materials removed from the well included pieces of wood, metal shavings and assorted nuts and bolts.

A number of sediment and groundwater samples were collected during the removal process. Initial sampling before removal of materials indicated total uranium results as high as 2400 μg/L in groundwater in addition to elevated levels of total lead, arsenic and other metals. Following the removal of 12 feet of sediment, groundwater total uranium results dropped to 20 μg/L. Total metals values also dropped significantly. A Type 4 well was installed under the PSP for Additional Monitoring Well Installation and Abandonment downgradient from the KC-2 Warehouse to assess any impacts that the materials in the well may have had on the GMA. Results from this Type 4 well indicate that there are no impacts associated with materials from Well No. 67.

Based on the analytical results and the excessive costs associated with further removal activities, DOE recommended stopping the removal action and maintaining Well No. 67 as a sampling point until the KC-2 Warehouse is decommissioned. Initial approval of this proposal has been received from the EPA and OEPA.

Further information and background detail can be found in the following documents:

- Removal Action Work Plan for Plugging and Abandonment of Well No.67 in the KC-2 Warehouse (DOE 1993)
- KC-2 Warehouse/Well No.67, Removal Action Fact Sheet (DOE 1993)

4.0 1993 RCRA GROUNDWATER RESULTS

1993 RCRA groundwater sampling was conducted under two separate plans, the RCRA GMP and the PSP for the Routine Monitoring Program. Quarterly sampling was scheduled to occur during the months of January, April, July, and October in accordance with the RCRA GMP. The RCRA GMP was designed to bring the FEMP into compliance with the State of Ohio Subpart F Hazardous Waste Rules OAC 3745-65-90 through 94 by providing the required groundwater monitoring for nine of the RCRA regulated units identified in the FEMP's RCRA Part A permit application, submitted in June 1991. However, implementation of the RCRA GMP was resulting in considerable duplication of effort and competition for resources with reporting activities and field investigations being conducted through CERCLA activities. In order to resolve this lack of integration between the RCRA GMP and the CERCLA investigative process, DOE proposed an Alternate Monitoring Program as allowed through OAC 3745-65-90 (D) in May 1993. The Alternate Monitoring Program fulfills RCRA groundwater monitoring as defined in the DFOs by:

- Conducting groundwater characterization activities under CERCLA as defined by the OU5 RI/FS Work Plan and Addenda.
- Providing quarterly groundwater monitoring of the downgradient property boundary under the Routine Monitoring Program as defined in the "Project Specific Plan (PSP) for the Routine Groundwater Monitoring Program Along the Downgradient Boundary of the FEMP."

OU5 will present the most comprehensive characterization of groundwater in its RI report in June 1994. Results from the Routine Monitoring Program will be reported annually in the RCRA Annual Groundwater Report.

Since the RCRA data were collected under two separate plans during 1993, program summaries are presented in two sections. First and second quarter sampling events (conducted under the RCRA GMP) are discussed in Section 4.1, and third and fourth quarter sampling events (conducted under the PSP for the Routine Monitoring Program) are discussed in Section 4.2.

4.1 FIRST AND SECOND QUARTER SAMPLING EVENTS (JANUARY AND APRIL 1993) - RCRA GMP

The RCRA GMP was the controlling document for the first and second quarter RCRA groundwater sampling. Specific details of sampling activities are provided in the RCRA GMP, Revision 1.

4.1.1 Well Selection

The RCRA GMP was designed to monitor the boundary of WMAs and the facility property boundary. Three monitoring well networks were proposed to accomplish this strategy (Figure 2-6). The RCRA GMP also stated that the wells identified in the GQAPP, Revision 2 would continue to be monitored until the three monitoring well networks were completely installed. During 1993, 84 wells identified in the RCRA GMP, Revision 1 and the GQAPP, Revision 2 were sampled for both the first and second quarters. Figure 4-1 shows the location of these wells. Wells which were not sampled during the first and second quarters are listed below:

Well	1st Quarter	2nd Quarter
1004	Dry	Dry
1025	Sampled	Dry
1028	Dry	Dry
1030	Dry	Dry
1072	Dry	Dry
1260	Dry	Dry
2434	Sampled	Inaccessible
3398	Well Not Installed	Sampled
4398	Well Not Installed	Sampled

Since wells sampled in 1993 under the RCRA GMP were also sampled in 1992, well information from the 84 wells sampled during the first and second quarters of 1993 are included in the 1992 RCRA Annual Groundwater Report. Well information specifically pertains to installation information. Well information, which was not previously presented in the 1992 RCRA Annual Report, is provided in Appendix D of this document.

4.1.2 Sampling Methodology

Samples were collected on a quarterly basis under the RCRA GMP, Revision 1 beginning January 1993. The second quarter of sampling was conducted in April 1993. Since the Routine Monitoring Program was implemented during July 1993, sampling under the RCRA GMP was not conducted for the third and fourth quarter of 1993. Sampling methodology and frequency of Quality Assurance/Quality Control (QA/QC) samples are defined in the RCRA GMP, Revision 1.

4.1.3 Analytical Parameters

The RCRA GMP specifies that groundwater samples will be analyzed for the parameters listed in Table 4-1. Analytical Support Levels (ASLs) for this program are defined in the RCRA GMP. Specifically, the RCRA GMP states that an ASL of B would be used as the minimum level for the RCRA analytical data. An ASL of B was used for the first quarter of analytical data and ASLs of C and D for the second quarter.

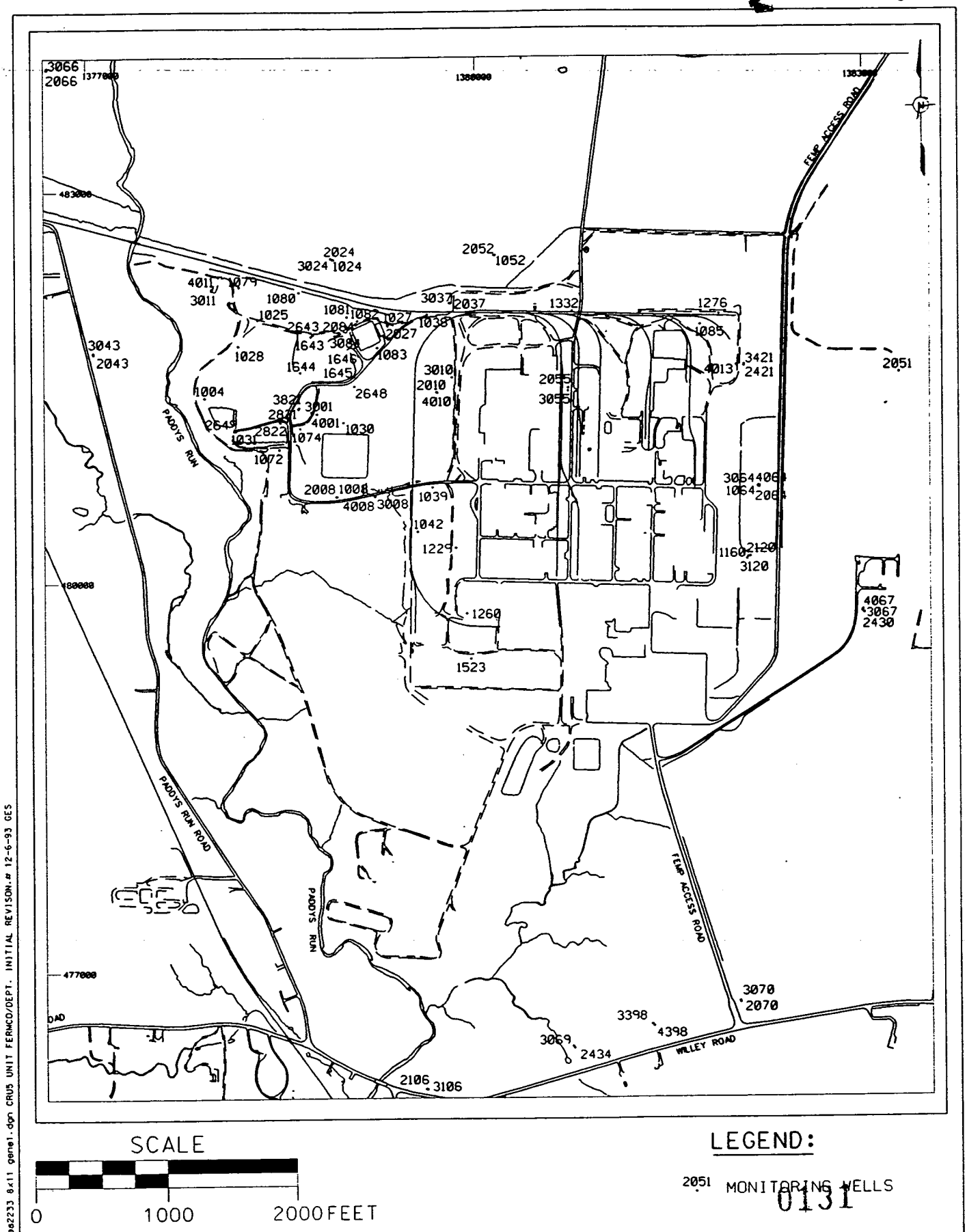

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FIGURE 4-1. 1993 RCRA GMP SAMPLING LOCATIONS FOR FIRST AND SECOND QUARTER

TABLE 4-1
RCRA GMP Analytical Parameter List

A. Groundwater Quality Parameters
(OAC 3745-65-92[B][2]/40 CFR 265.92[b][2])

Manganese	Chloride
Iron	Phenols
Sodium	Sulfate

B. Groundwater Contamination Parameters
(OAC 3745-65-92[B][3]/40 CFR 265.92[b][3])

pH	Temperature
Specific Conductance	

C. Parameters Characterizing the Suitability of Groundwater as a Drinking Water Supply
(OAC 3745-81-11[B]/40 CFR 141.11[b])

Arsenic	Barium
Cadmium	Chromium
Gross Alpha	Gross Beta
Lead	Mercury
Nitrate	Radium 226-228
Selenium	Silver
Fluoride	

D. Site-Specific Parameters

Aluminum	Beryllium
Calcium	Cobalt
Copper	Magnesium
Nickel	Vanadium
Zinc	Uranium
Acetone	Benzene
Carbon disulfide	Chloroform
1,1-Dichloroethene	1,2-Dichloroethene
1,1-Dichloroethene	trans-1,2 Dichloroethene
1,2-Dichloroethene (Total)	Methylene chloride
Tetrachloroethane	Toluene
1,1,1-Trichloroethane	Trichloroethane
Vinyl chloride	

During the sampling events several parameters were either not requested or not analyzed by the laboratory. The following summarizes missing results from these quarters: 5217

Well	Missing Parameters	Sample Quarter	Reason
3069	Phenols	1	Bottle broken at laboratory
All	1,2-Dichloroethene (Total)	1	Lab contract problem
1027	Dissolved Metal	2	Not requested
All	trans-1,2-Dichloroethene	2	Lab contract problem

Improved QC methods will be implemented to ensure complete data recovery of future sampling results.

4.1.4 Reporting and Sampling Results

Analytical results from the first and second quarters are provided in Appendix C and to the OEPA electronically in the EPA Groundwater Information Tracking System (GRITS) format. Data collected during the first and second quarters will be used to support the OU5 RI Report. Statistical methods and trend analysis were not conducted for this data since it was not a requirement in the OEPA DFOs.

4.2 THIRD AND FOURTH QUARTER SAMPLING EVENTS (JULY AND SEPTEMBER 1993) - ROUTINE MONITORING PROGRAM

For specific details of the sampling activities performed during the third and fourth quarters refer to the "Project Specific Plan for the Routine Groundwater Monitoring Program Along the Downgradient Boundary of the FEMP," Revision 1.

4.2.1 Well Selection

The 33 monitoring wells which make up the Routine Monitoring Program were selected to provide comprehensive coverage of the downgradient facility boundary. The monitoring well clusters were installed at 14 cluster locations along the downgradient FEMP boundary to monitor the upper, middle, and lower zones of the GMA. In the northeastern most portion of the site only a Type 2 well, 2754, was installed because of the shallow depth to bedrock. Well 2754 is screened above the normally saturated portion of the GMA and may contain groundwater only when the water table is high. Two of the original monitoring wells, 3425 and 4425, were plugged and abandoned due to grout contamination. They were replaced with monitoring wells 31217 and 41217. It is also important to note that two Routine Monitoring Program wells, 2106 and 3069, monitor the South Plume.

Figure 4-2 and Table 4-2 identify the 14 cluster locations and associated well numbers. Table 4-3 identifies which quarters the Routine Monitoring Program wells were sampled and their well type. Several of the wells were also sampled under the RCRA GMP during the first and second quarter of 1993.

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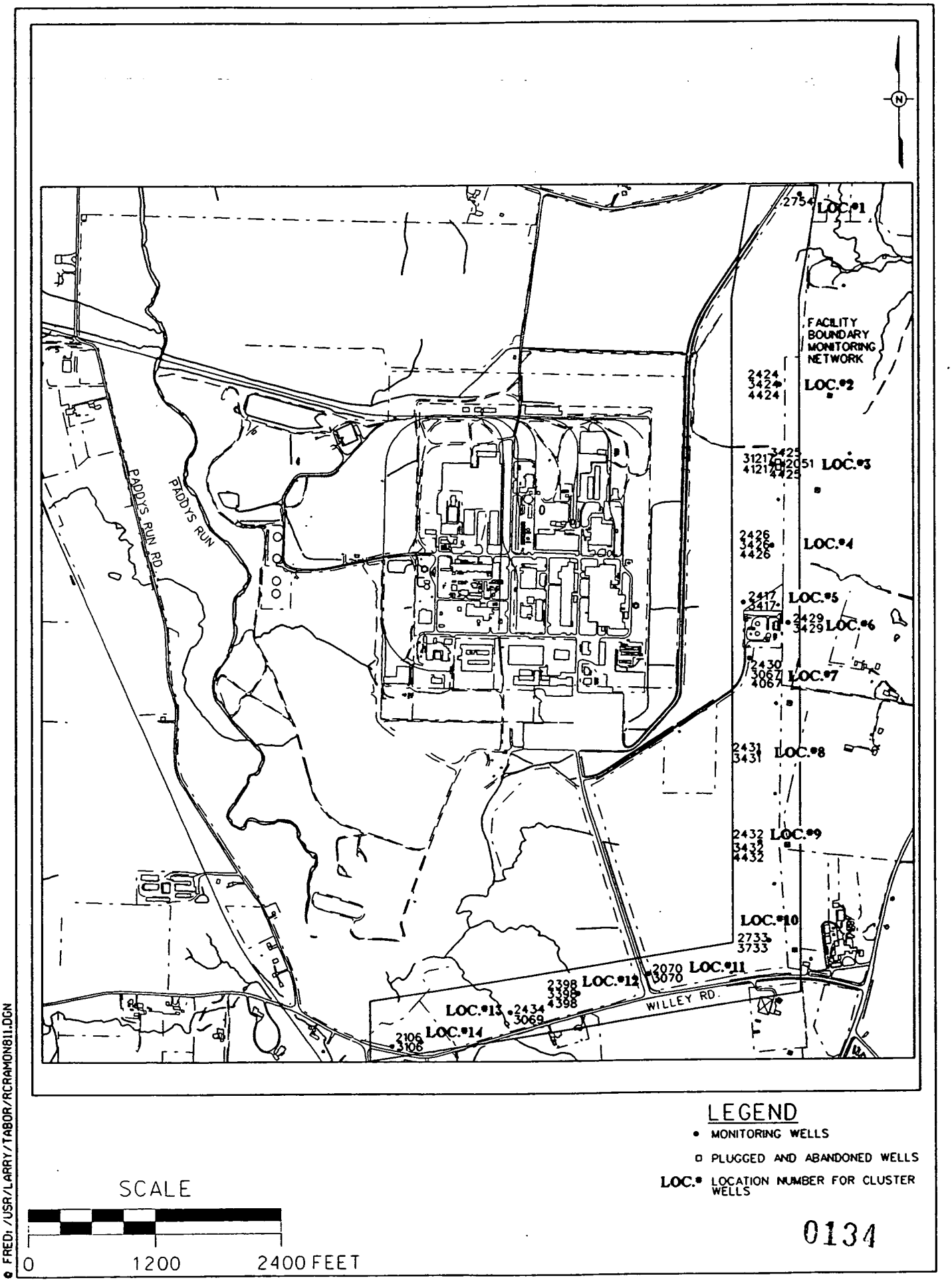

FIGURE 4-2. ROUTINE MONITORING PROGRAM WELLS

FRED: /USR/LARRY/TABOR/RCRAMON811.DGN

TABLE 4-2
ROUTINE MONITORING PROGRAM WELL NUMBERS

Location	Type 2 Wells	Type 3 Wells	Type 4 Wells
1	2754		
2	2424	3424	4424
3	2051	*3425, 31217	*4425, 41217
4	2426	3426	4426
5	2417	3417	
6	2429	3429	
7	2430	3067	4067
8	2431	3431	
9	2432	3432	4432
10	2733	3733	
11	2070	3070	
12	2398	3398	4398
13	2434	3069	
14	2106	3106	

* Plugged and abandoned

TABLE 4-3

1993 SAMPLE FREQUENCY OF THE ROUTINE MONITORING PROGRAM WELLS

Location	Well #	Well Type	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
1	2754	2			X	X
2	2424	2			X	X
	3424	3				X
	4424	4				X
3	2051	2	X	X	X	X
	31217	3				X
	41217	4				X
4	2426	2			X	X
	3426	3				X
	4426	4			X	X
5	2417	2			X	X
	3417	3				X
6	2429	2				X
	3429	3				X
7	2430	2	X	X		X
	3067	3	X	X	X	X
	4067	4	X	X	X	X
8	2431	2				X
	3431	3			X	X
9	2432	2			X	X
	3432	3				X
	4432	4				X
10	2733	2			X	X
	3733	3	X	X	X	X
11	2070	2	X	X	X	X
	3070	3	X	X	X	X
12	2398	2			X	X
	3398	3	X	X	X	X
	4398	4		X		X
13	2434	2	X		X	X
	3069	3	X	X	X	X
14	2106	2	X	X	X	X
	3106	3	X	X	X	X

Of the 33 wells in the Routine Monitoring Program, 20 were installed and ready to sample for the third quarter. All 33 wells were sampled during the fourth quarter.

Boring logs and construction information along with plugging and abandonment records for the all Routine Monitoring Program wells are provided in the PSP for this program. Well information from these boring logs along with latitude and longitude data is provided in Appendix D.

4.2.2 Sampling Methodology

Samples were collected on a quarterly basis beginning in July 1993. The fourth quarter sampling was conducted in September to coincide with the September 14-15 Comprehensive Monitoring Evaluation (CME) conducted by the EPA. No violations pertaining to groundwater monitoring were found at the time of this inspection, however; three deficiencies were identified. The deficiencies included a broken piece of dedicated equipment from one well and unstable concrete pads at two other wells. These deficiencies will be resolved in 1994. Beginning in 1994, sampling will proceed on a January, April, July, and October schedule.

As required in the DFOs, all wells were sampled within a time period not exceeding two weeks. Samples from the third quarter were collected between July 22-28, and samples from the fourth quarter were collected between September 14-24.

QA/QC sample frequencies are defined in the PSP for the Routine Monitoring Program. Field duplicates are to be collected at a frequency of 1 per 10 wells sampled. During the third and fourth quarter sampling events, field duplicates were collected at a frequency of 1 per 20 wells sampled. Although this frequency is less than specified in the PSP, it is the frequency suggested in the FEMP Sitewide CERCLA Quality Assurance Project Plan (SCQ). For future sampling, duplicate samples will be collected at a frequency of 1 per 10 wells sampled as previously requested by the OEPA.

4.2.3 Analytical Parameters

The PSP specifies that groundwater samples will be analyzed for the parameters listed in Table 4-4. The list covers a wide range of site-specific parameters including volatile organic compounds, radionuclides, and general water quality parameters.

TABLE 4-4

ROUTINE MONITORING PROGRAM PARAMETER LIST

Inorganics:

Aluminum	Antimony	Arsenic
Barium	Beryllium	Cadmium
Calcium	Chromium	Cobalt
Copper	Cyanide	Iron
Lead	Magnesium	Manganese
Mercury	Nickel	Potassium
Selenium	Silver	Sodium
Thallium	Vanadium	Zinc

General Chemistry:

Alkalinity	Ammonia	Chloride
Fluoride	Nitrate	pH
Phenols	Phosphorus (total)	Specific conductance
Sulfate	Temperature	Total Organic Carbon (TOC)
Total Organic Halogens(TOX)	Total Organic Nitrogen (TON)	

Volatile Organics:

1,1-Dichloroethene	1,1-Dichloroethene	1,1,1-Trichloroethane
1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2-Dichloroethene
1,2-Dichloroethene(Total)	1,2-Dichloropropane	2-Butanone
2-Hexanone	4-Methyl-2Pentanone	Acetone
Benzene	Bromodichloromethane	Bromoform
Bromomethane	Carbon disulfide	Carbon tetrachloride
Chlorobenzene	Chloromethane	Chloroform
Chloromethane	cis-1,3-Dichloropropane	Dibromochloromethane
Ethylbenzene	Methylene chloride	Styrene
Tetrachloroethane	Toluene	Total xylenes
trans-1,3-Dichloropropane	Trichloroethane	Vinyl acetate
Vinyl chloride		

Radiological:

Gross Alpha	Gross Beta	Radium-226
Radium-228	Technetium-99	Thorium-228
Thorium-230	Thorium-232	*Total Thorium
Total Uranium	Uranium-234	Uranium-235/236
Uranium-238		

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*Total Thorium Calculated

This list includes parameters from:

- Groundwater Quality Parameters (OAC 3745-65-92[B][2]/40 CFR 265.92[b][2])
- Groundwater Contamination Parameters (OAC 3745-65-92[B][3]/40 CFR 265.92[b][3])
- Parameters Characterizing the Suitability of Groundwater as a Drinking Water Supply (OAC 3745-81-11[B]/40 CFR 141.11[b])
- Site-Specific Parameters

Non-filtered samples were collected for analysis of inorganic and radiological parameters, so that the analytical results would be conservative and could be used in the OU5 risk assessment if necessary. All ASLs are defined in the PSP for the Routine Monitoring Program.

No parameters were missing from the fourth quarter. However, the third quarter sampling, two parameters were not requested for analysis. The following summarizes the missing results.

Well	Missing Parameters	Sample Quarter	Reason
2733	Technetium-99	3	Not requested
All	Total Organic Nitrogen	3	Not requested

Improved QC methods will be implemented to ensure complete data recovery of future sampling results.

During the initial sampling of the Routine Monitoring Program, third quarter of 1993, a Contract Laboratory Program (CLP) Statement of Work (SOW) analysis for semivolatile organic compounds and pesticides was requested. These analyses were requested by OEPA, in addition to those specified in Table 4-4, in order to determine if the analytical parameter list for the Routine Monitoring Program provides adequate monitoring for the facility property boundary. Results from the Routine Monitoring Program wells are discussed in Section 4.2.4.

4.2.4 Reporting and Sampling Results

Results from the third and fourth quarter are reported in Appendix E, and a glossary of laboratory and validation qualifiers is provided in Appendix F. Routine Monitoring Program wells with parameters that had results above either the MCL, EPA guidance level, health advisory level, or FEMP background are reported in Table 4-5. Wells with pesticide and volatile and semivolatile organic compound detections are reported in Table 4-6.

TABLE 4-5
ROUTINE MONITORING PROGRAM WELLS WITH ELEVATED RESULTS

		1st Quarter		2nd Quarter		3rd Quarter		4th Quarter	
Loc. #	Well #	Parameter	Results	Parameter	Results	Parameter	Results	Parameter	Results
1	2754					Aluminum	208000 µg/L	Sulfate	256mg/L
						Beryllium	11.6 µg/L	Aluminum	5370 µg/L
						Cadmium	127 µg/L	Cadmium	20.5 µg/L
						Calcium	2820000 µg/L	Calcium	353000 µg/L
						Chloride	661 mg/L	Chloride	576 mg/L
						Chromium	7710 µg/L	Chromium	213 µg/L
						Cobalt	305 µg/L	Cobalt	53.7 µg/L
						Iron	611000 µg/L	Iron	13200 µg/L
						Lead	262 µg/L	Magnesium	102000 µg/L
						Magnesium	818000 µg/L	Manganese	1970 µg/L
						Manganese	12400 µg/L	Nickel	2000 µg/L
						Nickel	3930 µg/L	Sodium	176000 µg/L
						Potassium	21900 µg/L	Gross Beta	68.6 pCi/L
						Selenium	56.3 µg/L	Uranium-234	1.8 pCi/L
						Sodium	183000 µg/L	Uranium-238	1.6 pCi/L
						Vanadium	361 µg/L		
						Technetium-99	20.6 pCi/L		
2	2424					Cadmium	15.5 µg/L	Calcium	122000 µg/L
						Calcium	126000 µg/L	Iron	3440 µg/L
						Iron	3620 µg/L	Magnesium	33500 µg/L
						Magnesium	32000 µg/L	Manganese	235 µg/L
						Manganese	299 µg/L		
	3424							Alkalinity as CaCO3	432 mg/L
								Ammonia	2.25 mg/L
								Calcium	150000 µg/L
								Iron	5360 µg/L
								Magnesium	52000 µg/L
								Sodium	60200 µg/L
	4424							Ammonia	4.56 mg/L
								Calcium	129000 µg/L
								Iron	5670 µg/L
								Magnesium	52000 µg/L
								Sodium	60200 µg/L

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TABLE 4-5 (Continued)

Loc. #	Well #	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter	
		Parameter	Results	Parameter	Results	Parameter	Results	Parameter	Results
3	2051	Calcium	202000 µg/L	Calcium	194000 µg/L	Calcium	124000 µg/L	Calcium	117000 µg/L
		Iron	4090 µg/L	Iron	4020 µg/L	Iron	2660 µg/L	Iron	2900 µg/L
		Magnesium	46900 µg/L	Magnesium	42000 µg/L	Manganese	263 µg/L	Magnesium	29200 µg/L
		Manganese	401 µg/L	Manganese	446 µg/L			Manganese	237 µg/L
		Sulfate	385 mg/L	Sulfate	310 mg/L				
	31217							Alkalinity as CaCO3	404 mg/L
								Calcium	171000 µg/L
								Iron	4800 µg/L
								Magnesium	46800 µg/L
								Sodium	45800 µg/L
	41217							Alkalinity as CaCO3	445 mg/L
								Calcium	183000 µg/L
								Ammonia	3.29 mg/L
								Magnesium	64200 µg/L
								Iron	7320 µg/L
								Sodium	52800 µg/L
4	2426					Cadmium	11.5 µg/L	Calcium	127000 µg/L
						Calcium	128000 µg/L	Iron	2280 µg/L
						Iron	3260 µg/L	Magnesium	30700 µg/L
						Magnesium	31100 µg/L	Manganese	428 µg/L
						Manganese	407 µg/L		
	3426							Ammonia	1.02 mg/L
								Calcium	101000 µg/L
								Iron	3400 µg/L
								Magnesium	29700 µg/L
	4426					Alkalinity as CaCO3	378 mg/L	Alkalinity as CaCO3	404 mg/L
						Ammonia	2.79 mg/L	Ammonia	2.72 mg/L
						Calcium	170000 µg/L	Calcium	174000 µg/L
						Iron	7580 µg/L	Iron	7180 µg/L
						Magnesium	53500 µg/L	Magnesium	55400 µg/L
						Sodium	34700 µg/L	Sodium	35900 µg/L
5	2417					Calcium	157000 µg/L	Calcium	130000 µg/L
						Iron	3720 µg/L	Manganese	415 µg/L
						Manganese	540 µg/L	Uranium-234	1.5 pCi/L
	3417							Iron	2510 µg/L
								Total Thorium	5.5044 µg/L

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TABLE 4-5 (Continued)

Loc. #	Well #	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter	
		Parameter	Results	Parameter	Results	Parameter	Results	Parameter	Results
6	2429							Cadmium	9.4 µg/L
								Calcium	11300 µg/L
								Iron	2370 µg/L
								Magnesium	29600 µg/L
								Manganese	282 µg/L
								Thorium-230	2.8 pCi/L
	3429							Iron	2580 µg/L
7	2430	Calcium	127000 µg/L	Calcium	256000 µg/L			Calcium	141000 µg/L
		Iron	2870 µg/L	Iron	4050 µg/L			Iron	2050 µg/L
		Magnesium	34400 µg/L	Magnesium	56800 µg/L			Magnesium	31700 µg/L
		Manganese	361 µg/L	Manganese	814 µg/L			Manganese	528 µg/L
				Sulfate	610 µg/L			Uranium-238	1 pCi/L
	3067	Iron	2220 µg/L	Calcium	102000 µg/L	Iron	1560 µg/L	Iron	1840 µg/L
				Iron	1860 µg/L				
	4067	Iron	3030 µg/L	Iron	3090 µg/L	Iron	3030 µg/L	Iron	3140 µg/L
				Manganese	217 µg/L				
8	2431							Cadmium	9.5 µg/L
								Calcium	138000 µg/L
								Magnesium	33800 µg/L
								Manganese	311 µg/L
								Uranium-234	1.4 pCi/L
								Uranium-238	1.3 pCi/L
	3431					Iron	3190 µg/L	Iron	2920 µg/L
						Manganese	297 µg/L	Manganese	316 µg/L
9	2432					Cadmium	9.6 µg/L	Cadmium	5.9 µg/L
						Calcium	117000 µg/L	Calcium	132000 µg/L
						Iron	1780 µg/L	Iron	2190 µg/L
						Manganese	331 µg/L	Magnesium	33000 µg/L
						Uranium-238	1 pCi/L	Manganese	392 µg/L
								Uranium-234	1.3 pCi/L
								Uranium-238	0.9 pCi/L
	3432							Iron	3010 µg/L
								Manganese	340 µg/L
	4432							Iron	2400 µg/L
								Manganese	372 µg/L

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TABLE 4-5 (Continued)

Loc. #	Well #	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter	
		Parameter	Results	Parameter	Results	Parameter	Results	Parameter	Results
10	2733					Cadmium	19.1 µg/L	Cadmium	5.4 µg/L
						Calcium	115000 µg/L	Calcium	126000 µg/L
						Magnesium	32900 µg/L	Magnesium	37600 µg/L
						Uranium-234	1.9 pCi/L	Uranium-234	2.7 pCi/L
						Uranium-238	1.5 pCi/L	Uranium-238	2.2 pCi/L
	3733					Iron	2840 µg/L	Iron	2800 µg/L
						Manganese	298 µg/L	Manganese	314 µg/L
11	2070	Iron	1370 µg/L	Iron	1300 µg/L				
		Sodium	22 mg/L	Manganese	258 µg/L				
	3070	Calcium	113000 µg/L	Calcium	108000 µg/L	Iron	2130 µg/L	Iron	1910 µg/L
		Iron	2190 µg/L	Iron	2400 µg/L	Manganese	330µg/L	Manganese	337 µg/L
		Manganese	358 µg/L	Manganese	378 µg/L				
12	2398					Uranium-234	1.9 pCi/L	Cadmium	5.3 µg/L
						Uranium-238	1.5 pCi/L	Technetium-99	17.8 pCi/L
								Uranium-234	1.4 pCi/L
								Uranium-238	1.6 pCi/L
	3398			Iron	1410 µg/L	Iron	1270 µg/L	Manganese	246 µg/L
				Manganese	244 µg/L	Manganese	248 µg/L		
	4398			Iron	2890 µg/L			Iron	2870 µg/L
				Manganese	513 µg/L			Manganese	564 µg/L
13	2434	Aluminum	1.31 mg/L			Calcium	105000 µg/L	Sodium	24000 µg/L
		Calcium	120000 µg/L			Sodium	22600 µg/L		
		Iron	4010 µg/L						
		Magnesium	35600 µg/L						
		Manganese	221 µg/L						
		Sodium	29000 µg/L						
	3069					Uranium-234	5.1 pCi/L	Uranium-234	5.3 pCi/L
						Uranium-238	4.7 pCi/L	Uranium-238	5.7 pCi/L
14	2106	Gross alpha	21.2 pCi/L	Gross alpha	28.3 pCi/L	Gross alpha	30.6 pCi/L	Gross alpha	25.2 pCi/L
		Total uranium	47.3 µg/L	Total uranium	67.9 pCi/L	Total uranium	69.7 µg/L	Total uranium	57.1 µg/L
						Uranium-234	22.1 pCi/L	Uranium-234	18 pCi/L
						Uranium-235	1.4 pCi/L	Uranium-238	20.9 pCi/L
						Uranium-238	24.1 pCi/L		
	3106								

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TABLE 4-6
ROUTINE MONITORING PROGRAM WELLS WITH PESTICIDE AND VOLATILE AND SEMIVOLATILE ORGANIC COMPOUND DETECTIONS

		1st Quarter		2nd Quarter		3rd Quarter		4th Quarter	
Loc. #	Well #	Parameter	Result (μg/L)	Parameter	Result (μg/L)	Parameter	Result (μg/L)	Parameter	Result (μg/L)
1	2754					Acetone [a]	7		
2	2424								
	3424								
	4424								
3	2051								
	31217								
	41217								
4	2426								
	3426								
	4426					Di-n-butyl phthalate [b]	20	Chloromethane	12
5	2417					Di-n-butyl phthalate [b]	53		
	3417								
6	2429							Carbon disulfide [a]	2
								Xylenes, Total [a]	1
	3429								
7	2430							Carbon disulfide [a]	1
								Xylenes, Total [a]	1
	3067								
	4067								
8	2431							Toluene [a]	2
								Xylenes, Total [a]	2
	3431					2-Butanone [b]	26		
						Diethyl phthalate [a,b]	1		
						Phenol[a]	5		
						Toluene[a]	1		

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TABLE 4-6 (Continued)

Loc. #	Well #	1st Quarter		2nd Quarter		3rd Quarter		4th Quarter	
		Parameter	Result (μg/L)	Parameter	Result (μg/L)	Parameter	Result (μg/L)	Parameter	Result (μg/L)
9	2432					Carbon disulfide [a] Di-n-butyl phthalate [b]	5 56	Chloromethane [a]	2
	3432								
	4432								
10	2733					Di-n-butyl phthalate [b]	60		
	3733					Di-n-butyl phthalate [b]	36		
11	2070					2-Butanone [b] Acetone [b] Phenol [a+DUPa]	63 45 6	2-Butanone [b] Carbon disulfide [a] Toluene [a]	64 2 1
	3070								
12	2398					Di-n-butyl phthalate [a,b]	2		
	3398			Tetrachloroethane [a]	1				
	4398			2-Butanone [b] Toluene [a]	24 1				
13	2434					Di-n-butyl phthalate [b]	52		
	3069					Dieldrin [a] Endosulfan-I [a]	.016 .025		
14	2106								
	3106								

a. Estimated result below 10 μg/L.

b. Common laboratory contaminant.

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Several parameters including calcium, magnesium, manganese, and iron commonly have high background levels in the FEMP area and appear frequently in Table 4-5. The chemical quality of groundwater is due in part to geologic conditions. It is common for unconsolidated glacial aquifers like the GMA to have high concentrations of iron and manganese. High concentrations of calcium and magnesium can be attributed to the limestone bedrock underlying the GMA. These results do not appear to be a risk to human health or the environment. However, the results from these parameters will continue to be tracked to determine if an increasing trend exists.

Sporadic detections of cadmium were noted in several wells. Although cadmium has been identified as a constituent of concern in the OU1 and OU4 RI reports, it is not thought that these operable units are the source of these cadmium results because of the distance from these units to the Routine Monitoring Program wells. Further evaluation of the Routine Monitoring Program data will be conducted to determine if the source of this cadmium is from the laboratory or sampling interferences.

It is also apparent from Table 4-5 that inorganic groundwater concentrations from Well 2754 at Location 1 are elevated compared to other Type 2 wells at the FEMP. This is due to the shallow bedrock elevation and lithology at this location. During installation of Well 2754, bedrock was encountered at a depth of approximately 100 feet. The well was screened above the bedrock and the normally saturated portion of the GMA in a clay-rich strata. The clay above the bedrock and the limestone and shale that comprise the bedrock account for the high inorganic concentrations.

The radiological results in Table 4-5 were compared to conservative background levels, uranium and thorium isotopes being less than 2 pci/L. For this reason, radiological isotopes are frequent in Table 4-5. Although these results were above background, they were still very low. Data from these wells will continue to be tracked as part of the Routine Monitoring Program in order to identify any trends.

As requested by the OEPA, Table 4-6 lists the Routine Monitoring Program wells with pesticide and volatile and semivolatile organic compound detections. Pesticide and semivolatile organic compound analyses were performed on the 20 wells sampled in July in addition to the parameters listed in Table 4-4. This was done to determine the adequacy of the Routine Monitoring Program analytical parameter list. Pesticides were detected in one well, 3069, and semivolatiles were detected in several wells. Most of the semivolatiles detected were either common laboratory contaminants or were estimated results below 10 μg/L (Contract Required Detection Limit). Since results from the third

quarter sampling were not received until after the fourth quarter sampling had been completed, the parameter list proposed for the Routine Monitoring Program (Table 4-4) was used for the fourth quarter sampling. Therefore, no pesticides or semivolatile organics were analyzed for the fourth quarter. For this reason, sampling of pesticides and semivolatiles will be conducted in the first quarter of 1994 on the entire boundary network to establish a groundwater quality baseline and to determine if the previous results are due to laboratory or sampling interference.

Volatile organic detections are also reported in Table 4-6. There were no volatile organic detections found in any of the Routine Monitoring Program wells sampled during the first quarter. During the second, third, and fourth quarter sampling, most detections were either estimated results below 10 μg/L (Contract Required Detection Limit) or common laboratory contaminants. Well 2070 was the only well in which a volatile organic compound was detected in both the third and fourth quarter. The parameter of concern, 2-Butanone is also a common laboratory contaminant and had concentrations of 63 μg/L and 64 μg/L. A map of the wells with volatile organic compound detections was not provided as there was only one well with one parameter that had a consistent result. Sampling for the volatile organic compounds from the Routine Monitoring Program wells will be conducted during 1994, since additional data is necessary to identify consistent trends.

As required by the DFOs, concentration versus time plots are provided in Appendix G. Data collected in 1993 is provided in Appendix G.1 and historical data from 1988 through 1993 is provided in Appendix G.2. Since sampling under the Routine Monitoring Program was initiated in July 1993, there was little or no historical data collected from most of these wells. No constituents of concern had been identified for these wells because of this lack of data, except for those wells monitoring the South Plume. For this reason, OEPA and FEMP personnel decided that sulfate, specific conductance, and total uranium data would be provided as concentration versus time plots for this annual report.

Many of these concentration versus time plots have very few data points. As mentioned, this is due to the limited number of times the Routine Monitoring Program wells have been sampled. In the past, several of the Routine Monitoring Program wells were sampled for the OU5 RI and the previous RCRA programs. Historical data provided in the concentration versus time plots identify that there was an upward trend for total uranium in the wells that monitor the South Plume, Well 3069 at Location 13 and Well 2106 at Location 14. OU5 monitors the results from these wells under the RCRA program and the DMEPP.

Hydrographs of the Routine Monitoring Program wells are provided in Appendix H. These groundwater elevation versus time plots can be compared to the concentration versus time plots in Appendix G. Appendix H.1 contains hydrographs for 1993 data and Appendix H.2 contains hydrographs for 1988 through 1993 data. In the future, as more samples are collected from the Routine Monitoring Program wells, relationships between groundwater elevations and analytical results may be determined.

Through review of the data, it was determined that total uranium results from Well 2733 at Location 10 were the highest of the Routine Monitoring Program wells, except for those that monitor the South Plume. This well is located at the southeastern edge of the facility boundary and had total uranium results of 5 μg/L in July and 7.3 μg/L in September. These results do not appear on Table 4-5 because they were below the proposed MCL of 20 μg/L for total uranium. Even though these results are below the MCL, they are still notable since wells directly upgradient of Well 2733 have had total uranium results less than 3 μg/L. The source of total uranium at this well is unknown at this time. The FEMP will continue to track quarterly results as they become available and will evaluate well installation and sampling records to assist in determining the cause of these results.

5.0 CONCLUSIONS

This report meets all the requirements specified in the DFOs for the annual report. The DFOs specifically required groundwater elevation measurements, groundwater activity updates from the five operable units, concentration versus time plots and analytical results from the Routine Monitoring Program wells. Requirements of the Alternate Monitoring Program, not completed under the Routine Monitoring Program, will be provided in the OU5 RI report. OU5 will present a comprehensive characterization of groundwater in its RI report in June 1994, as well as a comprehensive baseline risk assessment and a determination of the nature, rate and extent of contamination sufficient to select a remedial alternative. All data collected during 1993 under the RCRA GMP and the Routine Monitoring Program will be available to support the selection of a remedial alternative for OU5.

Review of the Routine Monitoring Program analytical results indicate that although some of the results from the wells were elevated, none appear to be a potential risk to human health or the environment except for those wells that monitor the South Plume, Well 2106 and Well 3069. However, conclusions on baseline risk for OU5 contaminants of concern will be presented in the OU5 RI report. The elevated uranium levels found in the South Plume wells are being addressed through the South Plume Removal Action which was initiated in August 1993. This removal action is currently being monitored under the DMEPP and quarterly reports will be generated to document the effect of this action.

In order to determine specific conclusions about the Routine Monitoring Program wells, it will be necessary for additional data to be collected from these wells. As data is collected for 1994, it will be reviewed in order to determine the significance of the previous results and reported as required under the DFOs.

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APPENDIX A

PROGRAMMATIC RESPONSE AND REQUIREMENTS

APPENDIX A.1

OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) DIRECTOR'S FINAL FINDINGS AND ORDERS

Issue Date: SEP 10 1993

Effective Date: SEP 10 1993

BEFORE THE
OHIO ENVIRONMENTAL PROTECTION AGENCY

In the Matter of:

U.S. Department of Energy Fernald Environmental Management Project P.O. Box 389705 Cincinnati, Ohio 45239	: : :	Director's Final Findings and Orders

PREAMBLE

It is hereby agreed by and among the parties hereto as follows:

I. JURISDICTION

These Director's Final Findings and Orders ("Orders") are issued to the U.S. Department of Energy ("Respondent") pursuant to the authority vested in the Director of the Ohio Environmental Protection Agency ("Ohio EPA") in Ohio Revised Code ("ORC") sections 3734.02(G) and 3745.01.

II. PARTIES

These Orders shall apply to and be binding upon the Respondent, its agents, assigns, successors in interest, and its co-operator, Fernald Environmental Restoration Management Corporation ("FERMCO"). No change in ownership or operation of the Facility will in any way alter the Respondent's responsibilities under these Orders.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9-10-93

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III. DEFINITIONS

Unless otherwise stated. all terms used in these Orders shall have the same meaning as in ORC Chapter 3734. and the regulations promulgated thereunder. The following terms are defined as:

a. "Alternate Program" shall consist of the portions of the Remedial Investigation ("RI") Work Plans and Addenda that pertain to groundwater characterization and the "Routine System", as specified in Orders number 1, 2 and 3 of these Orders.

b. "Site" shall mean the Fernald Environmental Management Project ("FEMP"), including all areas within the property boundary of the FEMP and any other areas that received or potentially received or released hazardous waste or hazardous waste constituents.

c. "Routine System" shall consist of the monitoring wells that will be located along the downgradient property boundary of the Facility. As of the effective date of these Orders, the Routine System consists of thirty-three (33) monitoring wells.

IV. FINDINGS OF FACT

The Director of the Ohio EPA has determined the following findings of fact:

1. Respondent owns and operates a former industrial facility located approximately twenty (20) miles northwest of Cincinnati, Ohio in Hamilton and Butler Counties ("Facility"). The Site is presently listed on U.S. Environmental Protection Agency's ("U.S. EPA") National Priorities List ("NPL") under the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, ("CERCLA"), 42 U.S.C. Sections 9601 et seq. Respondent is investigating and remediating environmental contamination at the site.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Marie Cavin Date 9-10-93

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SEP 10 '93
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2. The Respondent is a "person" as defined in ORC Sections 1.59 and 3734.01 and Ohio Administrative Code ("OAC") rule 3745-51-03.

3. The Respondent generates "hazardous waste" as that term is defined by ORC Section 3734.01 and OAC rule 3745-51-03.

4. The Respondent notified U.S. EPA on August 8, 1980 of its hazardous waste activity at the Facility and was issued U.S. EPA Identification Number OH6890008976.

5. The Respondent submitted "Part A" and "Part B" of its permit application pursuant to OAC rule 3745-50-41. The most recent revision of Respondent's "Part B" permit application was submitted on March 26, 1993.

6. There are land-based units at the Facility for which Respondent is required to implement a groundwater monitoring program described in OAC rules 3745-65-90 through 3745-65-94. The Respondent implemented a Resource Conservation and Recovery Act ("RCRA") groundwater monitoring program in 1985 pursuant to OAC rule 3745-65-90.

7. The Respondent is also conducting a groundwater monitoring investigation as part of its Remedial Investigation and Feasibility Study ("RI/FS") under CERCLA. The RI/FS schedules contained in the Amended Consent Agreement ("ACA") are based upon discussions between Respondent and U.S. EPA in consultation with the State of Ohio.

8. An objective of the CERCLA process is to characterize the nature, rate and extent of groundwater contaminant migration to the extent necessary to select and implement response action(s). This process will ensure characterization and remediation of groundwater for the entire Site, including the areas potentially affected by the land-based units identified in Finding number 6., above.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9-10-93

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9. During a May 7, 1993 meeting and in a May 12, 1993 letter, the Respondent asked the Ohio EPA to approve an alternate RCRA groundwater monitoring program ("Alternate Program") for the Facility to replace the existing groundwater monitoring program at the Facility.

10. Ohio EPA and the Respondent desire to avoid duplication and to integrate the groundwater monitoring activities required by OAC rules 3745-65-90 through 3745-65-94 with the site-wide RI/FS groundwater characterization required by the ACA and described in the Respondent's RI/FS Work Plans and Addenda. In order to facilitate integration and avoid duplication, the Ohio EPA will review and approve portions of CERCLA documents for purposes of demonstrating compliance with OAC rules 3745-65-90 through 3745-65-94 and these Orders.

11. The Routine System is an assessment groundwater monitoring system with documented groundwater contamination in the following four stratigraphic levels: the surficial glacial till, the water table, the upper section of the sand and gravel aquifer, and the deep sand and gravel unit.

12. The Respondent, through a federal assistance award administered under 10 CFR Part 600, has agreed to provide Ohio EPA equipment and other support to electronically access environmental data for the Site through the use of the Intergraph System.

13. Pursuant to ORC Section 3734.02(G), the Director may by order exempt any person generating, storing, treating, or disposing of hazardous wastes in such quantities or under such circumstances that, in the determination of the Director, are unlikely to adversely affect the public health or safety or the environment from any requirement to obtain a permit or license, comply with the manifest system or with the requirements of ORC Chapter 3734.

14. If the Respondent conducts its Alternate Program in accordance with the Orders herein, it is unlikely that the public health or safety or the environment will be adversely affected.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9-10-93

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SEP 10 93
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V. ORDERS

1. The Respondent shall comply with the groundwater monitoring requirements in OAC rules 3745-65-90(A) through 90(E), 3745-65-91(B)(2) through 92(A), 3745-65-92(E) through 93(D)(2) and 3745-65-93(D)(7) through 94(B)(1) as applicable to an assessment monitoring program.

2. The Respondent is exempt from complying with the groundwater monitoring requirements in OAC rules 3745-65-91(A)(1) through 91(B)(1), 3745-65-92(B) through 92(D), 3745-65-93(D)(3) through 93(D)(6), and 3745-65-94(B)(2) provided that Respondent complies with these Orders and within ninety (90) days from the date of issuance of these Orders, modifies its groundwater monitoring program as described below to Ohio EPA's satisfaction:

   a. The Respondent shall establish and maintain a groundwater monitoring system capable of yielding groundwater samples for analysis consisting of a total of thirty-three (33) existing and/or any potentially necessary monitoring wells installed hydraulically downgradient at the property boundary of the FEMP within the upper, middle and lower zones of the Great Miami Aquifer (2000, 3000 and 4000-series wells).

   b. The Respondent shall conduct sampling and analysis of the target parameters including analyte metals, radionuclides, water quality parameters and volatile organic compounds on a quarterly basis. The quarterly sampling period for the wells shall normally extend no longer than one week, but shall not exceed two weeks.

   c. The Respondent shall determine the elevation of the groundwater surface at each monitoring well each time a sample is obtained. The groundwater elevations shall be evaluated annually to determine if the downgradient requirements of Order number 2a., above, continue to be met. If the evaluation shows that the requirements of Order number 2a., above, are no longer met, the Respondent shall modify the number, location or depth of the monitoring wells to meet the

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9-10-93

SEP 10 93

downgradient requirements of Order number 2a, above.

d. In the event that initial sample results from the Routine System indicate a potential immediate risk to human health or the environment, the Respondent shall verbally notify Ohio EPA's FEMP Site Coordinator within 48 hours of receipt of laboratory data. In the event that confirmatory sample results from the Route System indicate a potential risk to human health or the environment, the Respondent shall, within 48 hours of receipt of laboratory data, verbally notify Ohio EPA's FEMP Site Coordinator and initiate a Removal Site Evaluation ("RSE") to determine if a Removal Action is warranted. The Respondent shall notify the Director in writing within five (5) days of the RSE initiation. Ohio EPA may request an RSE based upon its technical review of routine monitoring data. The necessity of additional work will be determined in consultation with U.S. EPA, Ohio EPA and the Respondent.

e. The Respondent shall conduct other site-wide groundwater monitoring and characterization activities throughout the CERCLA process as necessary to implement appropriate response action(s), including determining background groundwater quality.

f. When the Respondent submits the OU 5 RI Report, it shall be analogous to the groundwater quality first determination assessment report described in OAC rule 3745-65-93(D)(5).

g. The Respondent shall submit by March 1 of each year an annual report of groundwater monitoring activities which includes: groundwater surface level elevations; analytical data from the Routine System; an update of groundwater-related activities for each operable unit from the previous calendar year; graphical representation delineating any changes in target parameter contaminant levels for each boundary well that shows changes in groundwater quality, as specified in the Alternate Program plan required in Order number 3 of these Orders; and changes in plume boundary configurations or concentrations related to the Routine System wells as determined by OU 5 data from

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By: Mary Cavin Date 9-10-93

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the previous calendar year.

h. The Respondent shall provide Ohio EPA electronic access to the environmental databases for the site.

3. Within forty-five (45) days from the effective date of these Orders, the Respondent shall submit a plan to Ohio EPA for its Alternate Program. The plan shall incorporate both the Routine Property Boundary Groundwater Monitoring Program and appropriate portions of the OU 5 RI/FS Work Plan. The assessment monitoring portion of the plan shall be analogous to the plan required by OAC rule 3745-65-93(D)(3) and shall contain an identification of the wells included in the Routine System; a well construction diagram for each well; a sampling and analyses plan meeting the requirements of OAC rule 3745-65-92(A); a sampling schedule and parameter list including target analyte metals, radionuclides, water quality parameters and volatile organic compounds; a description of the RSE/Removal Action process for addressing potential immediate risks to human health and the environment that may be identified through reviewing and evaluating groundwater monitoring data; a list of items that will be contained in the annual groundwater monitoring report; and a description of how compliance with the OAC rules required in Order number 1. and the conditions of Order number 2., above will be achieved.

4. If the Ohio EPA provides the Respondent with a written statement of deficiencies in the Alternate Program plan, the Respondent shall modify the plan or submit a new plan for approval that addresses the deficiencies within thirty (30) days of receiving such a written statement.

5. The Respondent shall determine to Ohio EPA's satisfaction the full nature, rate and extent of contaminant migration prior to implementation of any remedial design.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9-10-93

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SEP 10 93
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6. Future site activities may necessitate changes to the approved Alternate Program plan including but not limited to activities such as the duration of monitoring, sampling frequency, and sampling parameters and locations. No such changes or modifications shall be made by the Respondent without written notification to and written approval of Ohio EPA. Any notification of proposed changes to the Alternate Program under this section shall set forth the nature and basis for the proposed changes or modifications to the approved Alternate Program plan

7. The Respondent, by its acceptance of this exemption, agrees to comply with all conditions of the exemption and acknowledges that the Respondent's failure to so comply may result in immediate revocation of this exemption and further legal action by Ohio EPA. The Respondent also acknowledges this exemption may be revoked upon finding that such revocation is necessary to protect the public health or safety or the environment.

VI. MODIFICATIONS

These Orders may be modified by the Director upon written notification to the Respondent. The notification shall set forth the nature and basis for any modifications.

VII. RESERVATION OF RIGHTS

Nothing contained herein shall be construed to prevent Ohio EPA from seeking legal or equitable relief to enforce the terms of these Orders or from taking other authorized administrative, legal or equitable action as deemed appropriate and necessary against the Respondent for noncompliance with these Orders. Nothing herein shall be construed as an admission by Respondent or its co-operator or otherwise restrict the right of the Respondent or its co-operator to raise any administrative, legal or equitable claim or defense with respect to such further actions which the Ohio EPA may seek to require of the Respondent. Nothing in these Orders shall be construed to limit the authority of Ohio EPA to seek relief for violations not addressed in these Orders.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9-10-93

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SEP 10 '93
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In addition, no provision in this Order shall be interpreted to require obligation or payment of funds in violation of the of the Anti-Deficiency Act, 31 U.S.C. 1341.

VIII. TERMINATION AND SATISFACTION

These Orders shall terminate: (1) when the Respondent demonstrates in writing and certifies to the satisfaction of Ohio EPA that all obligations under these Orders have been performed and the Ohio EPA Division of Hazardous Waste Management acknowledges, in writing, the Ohio EPA's acceptance of this demonstration and certification; or (2) upon notification that the Respondent is no longer required to maintain the groundwater monitoring systems at the FEMP.

The certification required under this Section shall be signed by a responsible official of the Respondent. The certification shall make the following attestation: "I certify that the information contained in or accompanying this certification is true, accurate and complete."

IX. EXPIRATION

These Orders shall expire upon the effective date of any state-issued post-closure permit for the Facility .

IX. SIGNATORIES

Each signatory to these Orders certifies that he or she is fully authorized to enter into these Orders and to legally bind such signatory to this document.

IT IS SO ORDERED:

Donald R. Schregardus
Director

SEP 10 1993
Date

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9-10-93

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X. WAIVER

The Respondent agrees that these Orders are lawful and reasonable and that the schedules provided herein are reasonable. The Respondent agrees to comply with these Orders. Compliance with these Orders shall be in full accord and satisfaction for the Respondent's and FERMCO's potential liability for any alleged violations of those specific OAC rules outlined in Order number 2 which may have occurred since December 20, 1991 or which occur at the Facility until the date that these Orders terminate or expire.

Except as provided in Section VII, above, the Respondent hereby waives the right to appeal the issuance, terms and service of these Orders and it hereby waives all rights its might have to seek judicial or administrative review of said Orders either in law or equity. The Respondent expressly waives any and all rights it has to request an adjudication hearing of any proposed revocation of these Orders or to appeal any final action of the Director revoking these Orders.

Notwithstanding the preceding, the Ohio EPA and the Respondent agree that in the event that these Orders are appealed by any other party to the Environmental Board of Review, or any court, the Respondent retains the right to intervene and participate in such appeal. In such event, the Respondent shall continue to comply with these Orders notwithstanding such appeal and intervention unless these Orders are stayed, vacated, or modified.

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9-10-93

IT IS SO AGREED:

U.S. Department of Energy

Raymond J. Hanson — September 10, 1993
By — Date

Acting Manager
Title

Fernald Environmental Restoration Management Corporation

MCR — 9/10/93
By — Date

President FERMCO
Title

Ohio Environmental Protection Agency

Donald R. Schregardus — SEP 10 1993
Donald R. Schregardus — Date

I certify this to be a true and accurate copy of the official document as filed in the records of the Ohio Environmental Protection Agency.

By: Mary Cavin Date 9-10-93

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APPENDIX A.2

OEPA SUPPLEMENTARY ANNUAL REPORT FOR 1993 GROUNDWATER MONITORING INFORMATION - FORMS AND INSTRUCTIONS

Supplementary Annual Report For 1993 Ground Water Monitoring Information - Form and Instructions

The Supplementary Annual Report for 1993 Ground Water Monitoring Information is used to report your company's ground water monitoring activities during the 1993 calendar year to the Director of the Ohio EPA. A single copy of the Annual report must be submitted by March 1, 1994, in accordance with Ohio Administrative Code (OAC) Rules 3745-65-94(A)(2)(b), (A)(2)(c), and (B)(2). These rules require the following information:

1. Concentrations or values of all indicator parameters listed in OAC Rule 3745-65-92 (B)(3) for each ground water monitoring well.

2. Results of the evaluation of ground water surface elevations required by OAC Rule 3745-65-93(F) for facilities operating under a detection monitoring program to determine whether OAC Rule 3745-65-91(A) is satisfied and a description of the response to that evaluation.

3. Results of statistical evaluations of the indicator parameters as required by OAC Rule 3745-65-93(B) including the identification of any significant differences from initial background found in upgradient wells in accordance with OAC Rule 3745-65-93(C)(1).

4. A summary of the results of any ground water quality assessment program required by OAC Rule 3745-65-93(D)(4).

In accordance with Ohio Administrative Code (OAC) Rule 3745-65-75(F), which requires that the annual report shall cover facility activities during the previous year, Ohio EPA also requires, as part of the annual report, the submission of the following:

1. Results of sampling the drinking water supply suitability parameters required by OAC Rule 3745-65-92(B)(1) for the first year when initial background concentrations are being established.

2. Results of ground water quality parameter analyses required under OAC Rule 3745-65-92(B)(2).

3. Results of analyses of site-specific parameters that have been required by Ohio EPA via an OAC rule 3745-65-90(D) monitoring program, an approved closure plan or Administrative order, or results of any other evaluations that have been conducted at the option of the owner/operator.

4. Results of ground water surface elevation measurements completed by owner/operators of facilities operating under assessment ground water monitoring programs.

5. Results of statistical analyses performed on any site-specific parameters.

If your company has not yet received monitoring results for all four quarters of the calendar year, please include the results you have received in order to meet the March 1st submittal date. Send additional results as they are received.

OAC Rule 3745-65-75 states that the reporting form and instructions supplied by the Director shall be used for the annual report.

Ohio EPA has revised the Supplementary Annual Report for Ground Water Monitoring forms to facilitate computerization of facility data onto a data base. Ohio EPA will utilize U.S. EPA's Ground Water Information Tracking System (GRITS) to initiate a data management program for the Hazardous Waste Program in Ohio. The GRITS computer software and user's guide (EPA/625/11-91/002 Nov 92) may be obtained from:

U.S. EPA
Center of Environmental Research and Information
26 King Drive
Cincinnati, Ohio 45268
(513) 569-7562

Additional Supplementary Annual Report for Ground Water Monitoring Information forms and instructions are available from the Data Management Section of the Division of Hazardous Waste Management. Please call (614) 644-2977 to obtain additional copies. Technical questions should be directed to the Division of Drinking and Ground Waters/Ground Water Program through the owner/operator's Ohio EPA Division of Hazardous Waste Management contact.

Keep a copy of the completed report for your records and mail the original to:

Ohio EPA
Division of Hazardous Waste Management
Data Management Section
P.O. Box 1049
Columbus, Ohio 43266-0149

Include with your annual report a copy of your ground water data on a 3 1/2" or 5 1/4" diskette using GRITSTAT Utilities option Facility to Disk or Lotus 1-2-3 3.X format.

Ohio EPA requests that a complete copy of the report be sent to the appropriate District Unit Supervisor, Division of Hazardous Waste Management; and that this mailing be noted on the report copy mailed to Columbus so that duplication may be avoided.

Central District Office - Ohio EPA
2305 Westbrooke Drive, Building C
P.O. Box 2198
Columbus, Ohio 43266-2198

Northeast District Office - Ohio EPA
2110 East Aurora Road
Twinsburg, Ohio 44087

Northwest District Office - Ohio EPA
347 North Dunbridge Road
Bowling Green, Ohio 43402

Southeast District Office - Ohio EPA
2195 Front Street
Logan, Ohio 43138

Southwest District Office - Ohio EPA
40 South Main Street
Dayton, Ohio 45402

1993 Supplementary Annual Report Form
Ground Water Monitoring Information

This Supplementary Annual Report form should be completed by all facilities required by OAC Rule 3745-65-90 to conduct ground water monitoring.

SECTION 1 - FACILITY INFORMATION

F-1 FACILITY NAME Name U.S. DOE FERNALD ENVIRONMENTAL MANAGEMENT PROJECT

F-2 EPA ID CND OH6890008976 NWFAB Permit# N/A NPDES No. 1I000004.CD

Drinking Water Supply ID N/A

F-3 LOCATION Street 7400 WILLEY ROAD City FERNALD, OH

Zip 45030 County HAMILTON

F-3A FACILITY OWNER U.S. DEPARTMENT OF ENERGY County HAMILTON

Street P.O. BOX 398705 City CINCINNATI, OH Zip 45239-8705

F-3B FACILITY OPERATOR FERNALD ENVIRONMENTAL RESTORATION MANAGEMENT CORPORATION County HAMILTON

Street P.O. BOX 398704 City CINCINNATI, OH Zip 45239-8704

F-4 FACILITY CONTACT EDWARD SKINTIK Phone Number (513) 648-3151

Street P.O. BOX 398705 City CINCINNATI, OH Zip 45239-8705

F-5 FACILITY LOCATION Latitude 39 18 00 N Longitude 084 41 00 W

F-6 LATITUDE/LONGITUDE METHOD: G

D=Digitized from a map or photo
P=Digitized from a USGS 7.5'map
G=Calculated from a USGS 7.5'map
R=Calculated from Section/Township
C=Calculated from county center
A=Obtained from satellite data
F=Field Checked with tape measure
T=Calculated from Universal Transverse Mercator (UTM)
M=Obtained from a manual
S=Surveyed
O=Other

F-7 SECTION, TOWNSHIP, RANGE (from USGS Topographical Map)

Section _____ Township _____ Range _____ (Example: Section 21, Township 9E, Range 4W)

F-8 PROCESS CODES from Part A Application: (give number of each present at the site)

___ S06 - Storage in Surface Impoundment
3 T02 - Treatment in Surface Impoundment
2 D80 - Disposal in Landfill
___ D81 - Disposal by Land Application
___ D83 - Disposal in Surface Impoundment

* ***REFER TO APPENDIX D AND THE ROUTINE MONITORING PROGRAM PSP FOR THE ROUTINE MONITORING PROGRAM WELLS. REFER TO THE 1992 RCRA ANNUAL GROUNDWATER REPORT AND APPENDIX D FOR THE WELLS SAMPLED DURING THE FIRST AND SECOND QUARTER UNDER THE RCRA GMP, REVISION 1.***

SECTION 2 - WELL INFORMATION

For the 1993 Annual Report all owner/operators shall complete one set of Well Information Forms for each well that is part of the regulated system. Each well in a cluster of nested wells shall be listed on a separate Well Information Form. In subsequent years, only Well Information Forms for newly installed wells need be submitted.

W-1 WELL IDENTIFICATION CODE _____ Past identifiers for this well: _____

W-2 INSTALLATION DATE (mo/day/year)_____

W-3 REFERENCE WELL ELEVATION LEVEL: Mean Sea Level_____ North American Vertical Datum 1988 (NAVD)____

W-4 WELL DEPTH Measured from Ground Surface (ft) _____

W-5 WELL LOG (Check all available log types) CORE LOG No. _____

____ D= Core-record of strata through which borehole passes
____ F= Drillers-brief record of gross characteristics of strata
____ M= Geologist-Graphic record of strata from microscopic exam

W-6 CASING MATERIAL (Check one)

____ PVC Plastic
____ ABS Plastic
____ PTFE ____ Other
____ Stainless Steel
____ Epoxy Fiberglass
____ Teflon
____ Galvanized Steel

W-7 INTERIOR DIAMETER OF WELL CASING _____ inches

W-8 WELL USE CODE (Check one)

____ 1A = Public Water Supply
____ 1C = Extraction & Treatment
____ 1E = Industrial Supply
____ 06 = Seismic Monitoring
____ 09 = Tracer (monitoring)
____ 8B = Piezometer
____ 1B = Private Water Supply
____ 1D = Irrigation Supply
____ 1F = Dewatering
____ 07 = Test Hole (uncased)
____ 8A = RCRA monitoring, compliance
____ 8C = Other Ground Water Observation

W-9 WELL QA CODE

_____ Was this well designed and constructed by a consultant who followed EPA guidelines concerning tamper controls, use of inert materials and other requirements?

_____ If so, has the well been inspected by the State or EPA in the last five years?

_____ Did the well pass State/EPA inspection - does it meet the objectives?

W-10 GRADIENT POSITION Up_____ Down _____ Other _____ Unknown _____

W-11 ELEVATION OF TOP OF EXTERIOR WELL CASING (ft)_____

W-12 ELEVATION OF THE TOP OF THE WELL SCREEN (ft)_____

W-13 ELEVATION OF THE BOTTOM OF WELL SCREEN (ft)_____

W-14 ELEVATION OF GROUND SURFACE AT WELL PIPE (ft)_____

W-15 WELL DEPTH AT INSTALLATION (ft) _____

W-16 GROUND WATER LEVEL AT INSTALLATION (ft) _____

0170

W-17 WELL LOCATION Enter latitude and longitude for each well.

Latitude ____ ____'____.____" Longitude ____ ____'____.____"

W-18 LATITUDE/LONGITUDE METHOD (See Facility Location) ____

W-19 WELL LOCATION MAP Submit a site map indicating approximate locations of each well. (See S-5.)

* *REFER TO TABLE 4-3, APPENDIX B, APPENDIX C, AND APPENDIX E.*

SECTION 3 - SAMPLING EVENT INFORMATION

Complete one set of Sampling Event forms for each sampling date during the past calendar year. If the owner/operator is using a set of sampling events as background for statistical well comparisons, a Sampling Event form for each of those sampling events should be submitted as well. (If the sampling event required three or fewer consecutive days, the owner/operator may report the event as a single date as long as that fact is noted under "S-4 Comments".)

S-1 SAMPLING DATE: _____

S-2 SAMPLING FREQUENCY (Check the frequency which best describes the sampling protocol for this event)

_____ A=Annual _____ S=Semi-annual

_____ Q=Quarterly _____ M=Monthly

_____ O=Other

S-3 DOCUMENT DATE Date of the document from which these data are taken: _____

S-4 SAMPLING EVENT COMMENTS _____

_____

_____

_____

S-5 MAP OF SURFACE ELEVATION CONTOURS AND GROUND WATER FLOW DIRECTION

For owner/operators conducting a detection monitoring program, in order to meet the requirements of OAC Rule 3745-65-94(A)(2)(c) for reporting results of ground water surface elevations under OAC Rule 3745-65-93(F), Ohio EPA requires that owner/operators submit a map indicating the position of the hazardous waste management unit in relation to the monitoring wells. (See W-19) Monitoring well ground water surface elevation contours and ground water flow direction shall be indicated on the map(s). Separate maps shall be included if there are two or more separate ground water flow zones monitored. A description of any response necessary to restore compliance with up and downgradient monitoring well requirements of OAC Rule 3745-65-91(A) (i.e., installation of additional wells) shall be attached.

TABLE 1 - DATA FORM INSTRUCTIONS

Use as many pages as necessary for each sampling date.

1. a. On the first line of Table 1 report ground water level elevations for each well in relation to Mean Sea Level, accurate to 0.01 feet.

   b. On the lines following ground water elevation level information, enter the names of the parameters that were analyzed. Include Drinking Water Parameters, Ground Water Quality Parameters, Indicator Parameters and any site specific parameters from all RCRA wells for each sampling event.

   c. Please designate wells as upgradient (UP) or downgradient (DN) [example: W2, DN]. List values for upgradient well(s) first. Upgradient wells should have four replicate measurements of each Indicator Parameter for each sampling date.

   d. List duplicate measurements of the same well separately, e.g. "MW-1 DUP".

   e. If more than one measurement of each indicator parameter was made from samples taken from downgradient wells, please report these as well.

2. Enter the EPA code for the method by which the parameter was measured.

3. Enter the units of measurement (ppb, feet).

4. Enter the limits of detection for this analytical test.

5. Enter the name of the well that was tested in the space above Data DQ (Data Qualifiers). Under the column marked "Data", enter the measurement results. Under "DQ", mark the Data Qualifiers found below which best indicate any limits to interpretation of the data. Any two codes may be combined.

A = Average value	L = Actual value> Reported value	U = Tested but not detected
C = Determined present by GC/EC	N = Tentatively identified	V = Calculated value
D = Value is from a diluted sample	O = Analysis lost	X = Too numerous to count
F = Field measurement	P = Present but not quantified	Y = Sample not filtered
J = Estimated value	R = Rejected - do not use	Z = Not suitable for analysis
K = Actual value< Reported value	S = Sample not stored properly	

0172

TABLE 1. DATA ENTRY FORM

* *REFER TO APPENDIX B, APPENDIX C AND APPENDIX H.*

SAMPLE DATE _____

DATA page _____ of _____

1. PARAMETER NAME	2. EPA METHOD CODE	3. UNITS MEASURED	4. DETECTION LIMIT	5. ENTER WELL NAMES HERE											
				DATA	DQ	DATA	DQ	DATA	DQ	DATA	DQ	DATA	DQ	DATA	DQ
Ground Water Elevation	----	feet	----												

0173

5217

SECTION 4 - STATISTICS

Report statistical evaluation of indicator parameters (Results of t-test). [OAC Rule 3745-65-94(A)(2)(b)] Only owner/operators that have completed four quarters of ground water monitoring data and, at least, the first semi-annual sampling of indicator parameters need to report anything in this section. Report upgradient well(s) first. Statistically significant differences shall be bolded, underlined or readily identified in some other manner in the Table 2. Results of statistical analyses performed on any other site-specific parameters shall be submitted as part of the annual report. Attach additional pages as needed.

Ohio EPA requests interpretations of ground water quality data not analyzed statistically also be submitted as part of Section 4 (comments pertaining to applicability of the data to determining whether ground water quality has been affected by facility operations).

Put "Not Applicable" under the section heading, if appropriate.

TABLE 2

STATISTICAL EVALUATIONS OF INDICATOR PARAMETERS

Well #_____ ____ AR t-test or ____ CABF t-test

Parameter	Reps	pH (S.U.)	Specific Conductance (umhos)	TOC (mg/l)	TOX (mg/l)
First Semi-Annual					
Sample Date _____					
Mean					
Variance					
Background Variance					
t*					
tc					
Significant Difference at 0.01? (Yes or No)					
Second Semi-Annual					
Sample Date _____					
Mean					
Variance					
Background Mean					
t*					
tc					
Significant Difference at 0.01? (Yes or No)					

If another statistical method has been approved by means of Director's F&O's Consent Agreements or Closure/Post Closure Plans or permits, please include the statistical method, normality data, significance level and result.

* *REFER TO THE OPERABLE UNIT 5 REMEDIAL INVESTIGATION REPORT DUE IN JUNE 1994*

SECTION 5 - ASSESSMENT MONITORING

To summarize efforts to determine rate and extent of migration as well as the concentration of the hazardous waste or hazardous waste constituents in the ground water, Ohio EPA considers certain information to always be required and additional information to be necessary under specific circumstances. (Put "Not Applicable" under this section heading, if your facility is operating under a detection monitoring program.)

Required information

Ohio EPA requires reporting of all results relating to the performance standards for assessment monitoring [OAC Rule 3745-65-93(D)(4)].

RATE: Ohio EPA requires supporting calculations pertaining to the rate of migration of hazardous waste or hazardous waste constituents in the ground water during the reporting period be provided.

EXTENT: Ohio EPA requires that the extent of migration of the hazardous waste or hazardous waste constituents in the ground water be shown in map form. Separate maps should be included for each sampling event. If ground water contamination is being assessed in more than one hydrogeologic zone, separate maps also should be included for each zone. The maps(s) shall indicate:

- The position of the hazardous waste management unit in relation to the monitoring wells and the extent of plume boundaries.
- The monitoring well ground water surface elevations and ground water flow directions for each sampling event.

CONCENTRATION: Ohio EPA requires that the concentration of hazardous waste or hazardous waste constituents in the ground water be documented by means of submission of:

- Results of quarterly laboratory and/or consultants reports of analyses and evaluations required by OAC Rule 3745-65-93(D)(4) including any site-specific waste stream constituents and degradation products of those constituents.
- Tables summarizing the data from the lab sheets.
- The position of the hazardous waste management unit in relation to the monitoring wells and the extent of hazardous waste or hazardous waste constituent migration (plume boundary(s)).
- Monitoring well ground water surface elevations and ground water flow direction for each sampling event.

Additional Information That May Be Necessary

Ohio EPA considers that, in addition to the above required information, submission of additional information may be necessary to meet the requirements of OAC Rule 3745-65-94(B)(2) depending upon the particular assessment program. This additional information must be sufficient to document that the rate and extent of migration and concentration of hazardous waste or hazardous waste constituents have been fully determined for the specified waste management unit. Types of information that may be essential include, but are not limited to:

a. Any additional hydrogeologic information that has been gathered using supporting methodology, i.e. soil gas analysis or geophysics.

b. Data relating to a prior detection monitoring program implemented by the owner or operator at the facility, including the original background year information pertaining to the concentration or values of the indicator parameters listed in OAC Rule 3745-65-92(B) for each upgradient ground water monitoring well.

c. Any statistical evaluations that have been utilized to fulfill the assessment monitoring performance standards.

If the assessment goals of determination of concentration and rate and extent of migration of hazardous waste constituents have not been fully met, Ohio EPA requests that the owner or operator summarize activities planned to meet these performance standards.

APPENDIX A.3

DOE LETTER TO OEPA REQUESTING AN ALTERNATE MONITORING PROGRAM

Department of Energy
Fernald Environmental Management Project
P O. Box 398705
Cincinnati, Ohio 45239-8705
(513) 738-6357

5217

MAY 1 2 1993

DOE-1946-93

Mr. Graham Mitchell and Mr. Paul D. Pardi
Ohio Environmental Protection Agency
40 South Main Street
Dayton, Ohio 45402-2086

Dear Mr. Mitchell and Mr. Pardi:

ALTERNATE APPROACH TO THE FERNALD ENVIRONMENTAL MANAGEMENT PROJECT RESOURCE CONSERVATION AND RECOVERY ACT GROUNDWATER MONITORING PROGRAM

As requested during the May 7, 1993 meeting between Department of Energy, Fernald Field Office (DOE-FN) and the OEPA in Dayton, the DOE is providing this letter which summarizes the difficulties encountered through efforts to comply with Subpart F requirements and to propose a monitoring program pursuant to OAC 3745-65-90 that will enable groundwater characterization investigations to continue as proposed by the Operable Unit 5 (OU5) Workplan and its Addenda. This alternate monitoring proposal provides an avenue through which the OEPA may apply its Resource Conservation and Recovery Act (RCRA) authority toward activities conducted under this workplan.

The current Groundwater Monitoring Plan (GMP) was negotiated with the Ohio Environmental Protection Agency (OEPA) in order to bring the Fernald Environmental Management Project (FEMP) into compliance with State of Ohio Subpart F Hazardous Waste Rules OAC 3745-65-90 through 94. Three lines of groundwater monitoring wells were proposed at the property boundary, waste pit area, and the production area. Additionally, a till monitoring network with well locations based on results from a till zone hydrogeologic study was proposed to be installed by October 1993. To date, the property boundary line wells have been installed. The waste pit area and production area lines and the till well system have yet to be installed.

As work under the GMP has progressed, it became clear that compliance with all substantive requirements of Subpart F, as provided in the GMP, is impractical. For example, the requirement to immediately determine the rate and extent of contaminant migration cannot be fulfilled due to the complex nature of contamination resulting from many on-site sources. A Remedial Investigation (RI) pursuant to Comprehensive Environmental Response Compensation and Liability Act (CERCLA) has been in progress since 1988 which includes the determination of the nature, rate and extent of contaminant migration in the groundwater. These efforts are both extensive and costly, and could not have been performed within a single year. Additionally, it is anticipated that compliance with the GMP could require rate and extent determinations to progress beyond property boundaries. It is unlikely that FEMP would secure

Recycled and Recyclable

property access to complete these investigations within the required one year time frame. Thus, the FEMP could be and has been subject to notices of violation or deficiency for failure to report the full rate and extent of contamination in the following annual report.

Attempts to comply with all substantive requirements of Subpart F have resulted in considerable duplication. Integration of the CERCLA and RCRA field investigations has not been possible since RCRA requires the reporting of investigation results within a one year time frame; whereas, the Remedial Investigation is conducted in accordance with schedules dictated by the Amended Consent Agreement. Thus to maintain RCRA compliance, two field investigations having similar objectives have been carried out in parallel.

The complexity of the investigations required under the Subpart F program have resulted in reporting difficulties. The FEMP's attempts at fulfilling the requirements of the annual report have resulted in the submittal of lengthy, detailed documents that do not fully describe the rate and extent of contaminant migration. As a result, the FEMP has received violations. The RCRA Annual Report is frequently over one thousand pages with appendices. A significant effort and cost is expended to collect, manage, and assess data for this report, yet much of the effort is duplicative to what is concurrently being performed as part of the RI.

Finally, the FEMP data base is incapable of producing data in the newly required Subpart F format for annual reports. Over 100,000 records stored in three separate databases must be joined and reconfigured to supply site data in the new RCRA format. Revising the database for Subpart F reporting would be very costly, and would not provide any additional environmental benefit.

The requirements of Subpart F, although applicable to the regulated waste management units, are inappropriate to the FEMP. The inappropriateness lies in the complex nature of FEMP's waste units and related contamination. Because the units are old and constructed without currently required environmental safeguards, the resulting contaminant plumes are intermingled, complex, and more extensive than those that would exist at newer, appropriately constructed facilities. This situation warrants a complex, time-consuming analysis of the behavior and effects of the hazardous waste constituents in the soil and ground water, which is the function of the CERCLA process at the facility. The original intent of Subpart F was specifically to avoid such complex analyses of environmental impacts and to allow for immediate release detection and rapid corrective action. Attempts to meet the substantive requirements of Subpart F result in competition with the CERCLA RI process for monetary and technical resources which are intended to attain the same goal.

The wells proposed in the GMP, excluding those at the property line, will not provide data critical to select or implement a corrective action, and therefore, do not successfully provide an integrated CERCLA/RCRA monitoring system. A great deal of groundwater data have been obtained in previous years, including metals, organic and radiological parameters. These data have been reported to the OEPA in previous RCRA Annual Reports, and through recent Technical Integration Exchange (TIE) meetings. In addition, a "snapshot" sampling event including nearly all FEMP monitoring wells, will be completed within the next two weeks. The analyses will include HSL inorganics,

organics, total and isotopic uranium, isotopic radium, thorium, and general water quality parameters. This sampling event, in addition to previously collected data, will provide sufficient information to complete the OU5 Remedial Investigation Report. Continual monitoring as proposed in the GMP will not yield data in time to be incorporated into the OU5 RI, and is not critical to remedy selection; therefore, no negative environmental impact will result by discontinuing GMP activities. On the contrary, further implementation of the GMP will compete with resources which could be dedicated to corrective action activities.

To resolve the lack of integration between the RCRA GMP and the CERCLA investigative process, DOE proposes an alternate ground water monitoring program as allowed through OAC 3745-65-90(D). This proposed program consists of the Operable Unit 5 Workplan and its Addenda, which set forth a program for characterization of the nature, rate and extent of contaminant migration sufficient to select an appropriate remedial alternative. In addition, the DOE proposes to continue quarterly monitoring of the property boundary line wells as a means of continually assessing the magnitude of off-site releases from the FEMP. The results of the quarterly monitoring will be reported by March 1 of each calendar year. The proposed approach will facilitate a complete integration of the FEMP's RCRA and CERCLA groundwater investigation and monitoring obligations by providing a mechanism through which Ohio's RCRA authority may be manifested through the CERCLA activities.

The cost savings from using the above approach to Subpart F monitoring amounts to approximately five million dollars during 1993/1994 and approximately three million dollars per year during each following year. The cost savings from implementation of this proposed integration will be used to accelerate the corrective action programs agreed upon by U.S. EPA, Ohio EPA, and DOE.

The remainder of the GMP monitoring wells are scheduled for installation June 1, 1993. To avoid the unnecessary installation of these wells, DOE requests further discussion and resolution of this issue. Kathleen Nickel will be in contact to schedule a mutually agreeable meeting date.

If you or your staff have any questions, please contact Ms. Nickel at (513) 648-3166.

Sincerely,

Tom Rowland

Thomas J. Rowland
Acting Manager

FN:Nickel

cc:

J. J. Fiore, EM-42, TREV
K. A. Hayes, EM-424, TREV
J. Kwasniewski, OEPA-Columbus
P. Harris, OEPA-Dayton

M. Proffitt, OEPA-Dayton
T. Schneider, OEPA-Dayton
J. Michaels, PRC
L. August, GeoTrans
R. L. Glenn, Parsons
P. Clay, FERMCO/19
K. Alkema, FERMCO/65-2
J. W. Thiesing, FERMCO
AR Coordinator, FERMCO

APPENDIX B

1993 QUARTERLY GROUNDWATER ELEVATION CONTOUR MAPS

Appendix B contains 1993 groundwater elevation contour maps for all RCRA sampling quarters. Appendix B.1 contains Type 2 well groundwater elevation contours; Appendix B.2 contains Type 3 well groundwater elevation contours; and Appendix B.3 contains Type 4 well groundwater elevation data. Type 4 well groundwater elevation data was not contoured due to the limited number of Type 4 wells.

Groundwater elevation measurements provided in this Appendix were collected under the Routine Groundwater Elevation Program. Although groundwater elevations are measured monthly under this program, groundwater elevation maps in this report are provided for months in which 1993 RCRA sampling took place (January, April, July, and September).

The number of measurements on each map varies depending on the number of wells that were accessible that month. The increasing number of measurements on these maps can be attributed to the installation of new wells in the vicinity of the FEMP. In addition, it is possible that some wells under the Routine Groundwater Elevation Program may have been measured more than once in a month. If a well was measured more than once, an average reading was used for these contour maps.

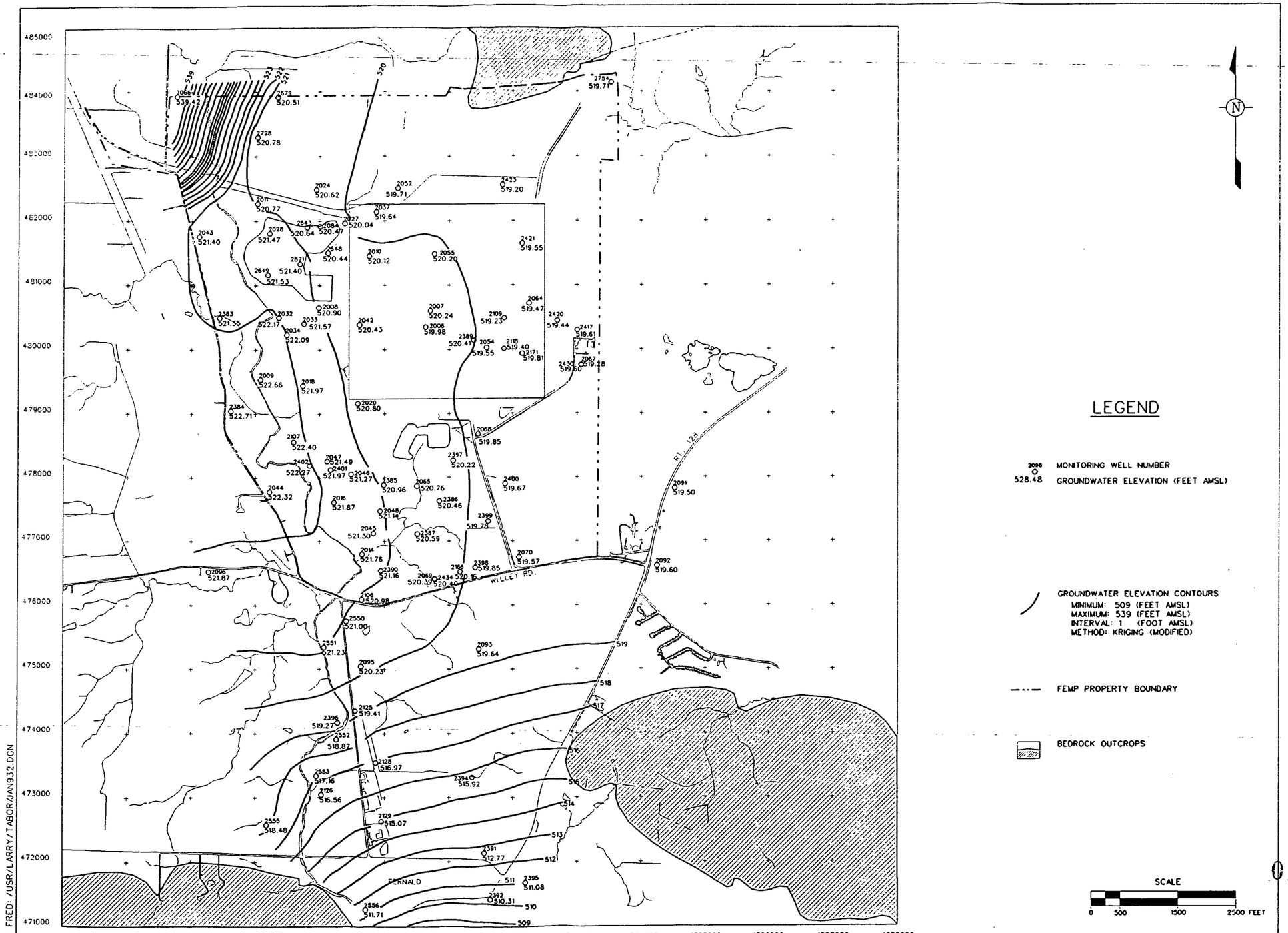
The following is a list of Routine Monitoring Program wells with non-representative water level data during the 1993 RCRA sampling quarters:

Quarter	Type 2	Type 3	Type 4
1st Quarter	2754	None	None
2nd Quarter	2754	3417	None
3rd Quarter	2754	3417, 3424	4432
4th Quarter	2754	3733	None

Non-representative water level readings are usually caused by field measurement error. Measurement error appears to account for the non-representative data for all wells except for Well 2754, the northern-most Routine Monitoring Program well. Well 2754 is not a typical Type 2 well because it is not screened in the same zone as other Type 2 wells, therefore the water level readings from this well are non-representative.

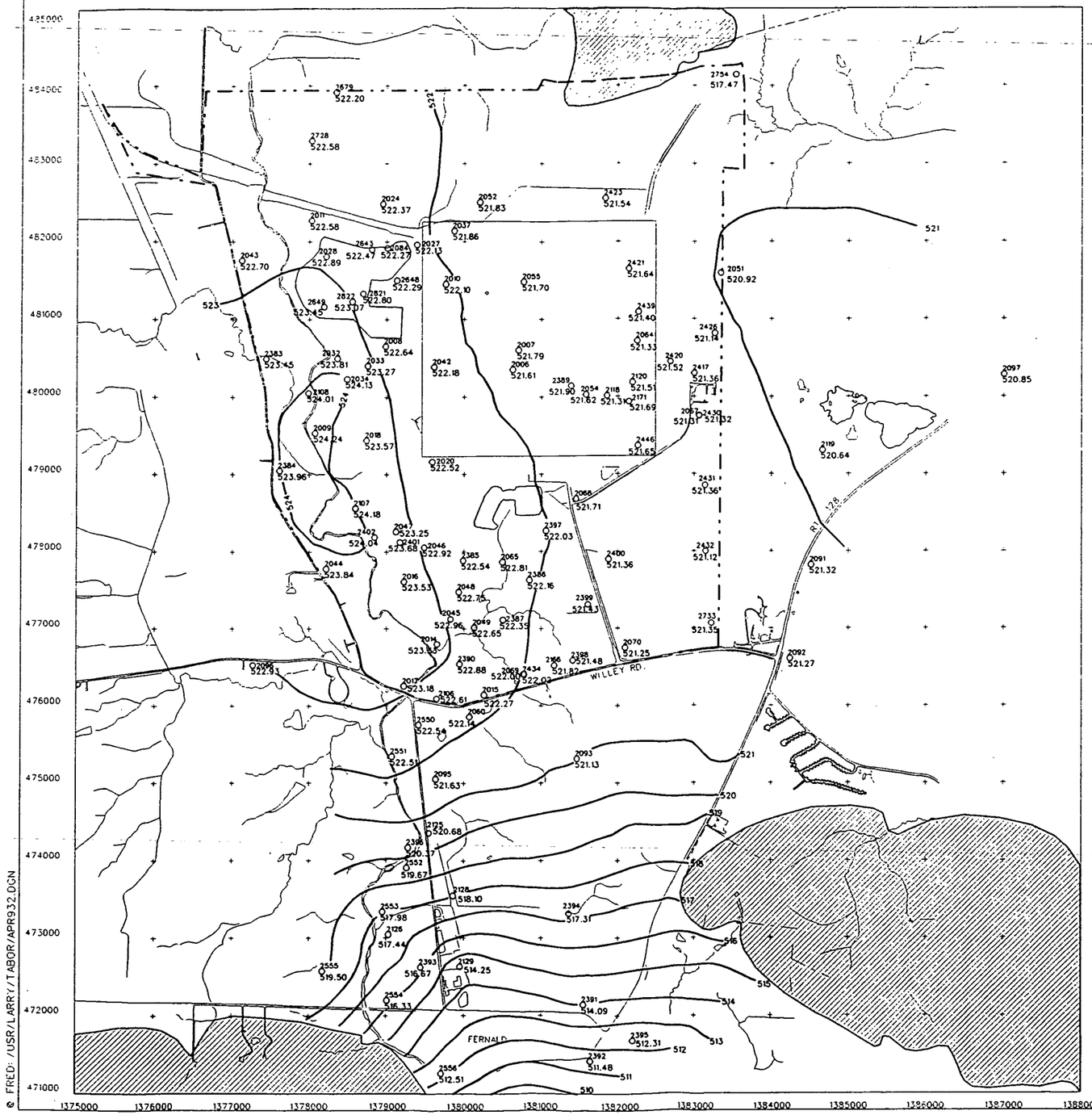
APPENDIX B.1

TYPE 2 GROUNDWATER ELEVATION CONTOUR MAPS



0184

FIGURE B-1-1. JANUARY 1993
GROUNDWATER ELEVATIONS
FOR TYPE 2 WELLS



LEGEND

2098 MONITORING WELL NUMBER
528.48 GROUNDWATER ELEVATION (FEET AMSL)

GROUNDWATER ELEVATION CONTOURS
MINIMUM: 510 (FEET AMSL)
MAXIMUM: 524 (FEET AMSL)
INTERVAL: 1 (FOOT AMSL)
METHOD: KRIGING (MODIFIED)

FEMP PROPERTY BOUNDARY

BEDROCK OUTCROPS

0185

SCALE
0 500 1500 2500 FEET

FRED: /USR/LARRY/TABOR/APR932.DGN

FIGURE B-1-2. APRIL 1993
GROUNDWATER ELEVATIONS
FOR TYPE 2 WELLS

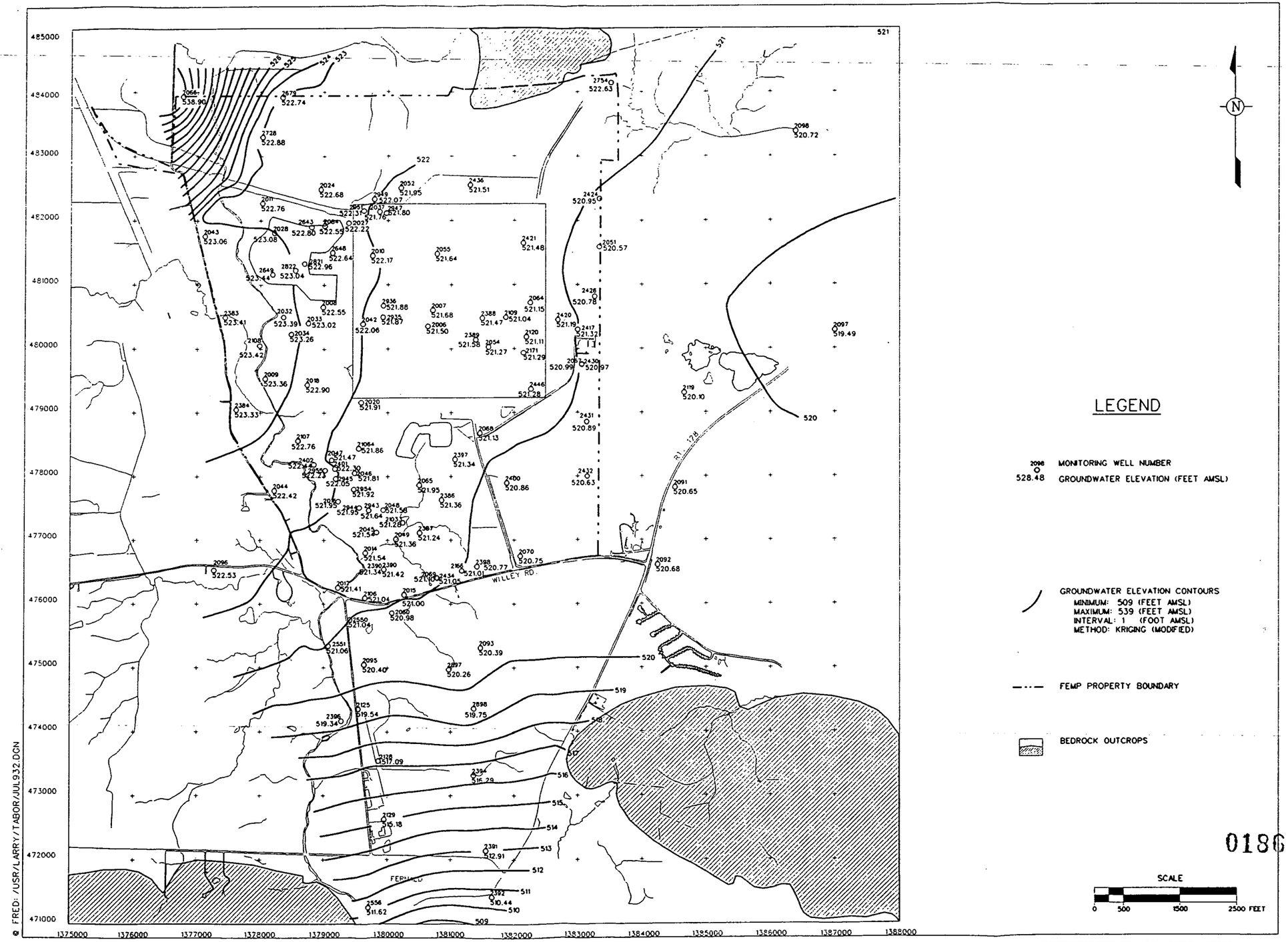
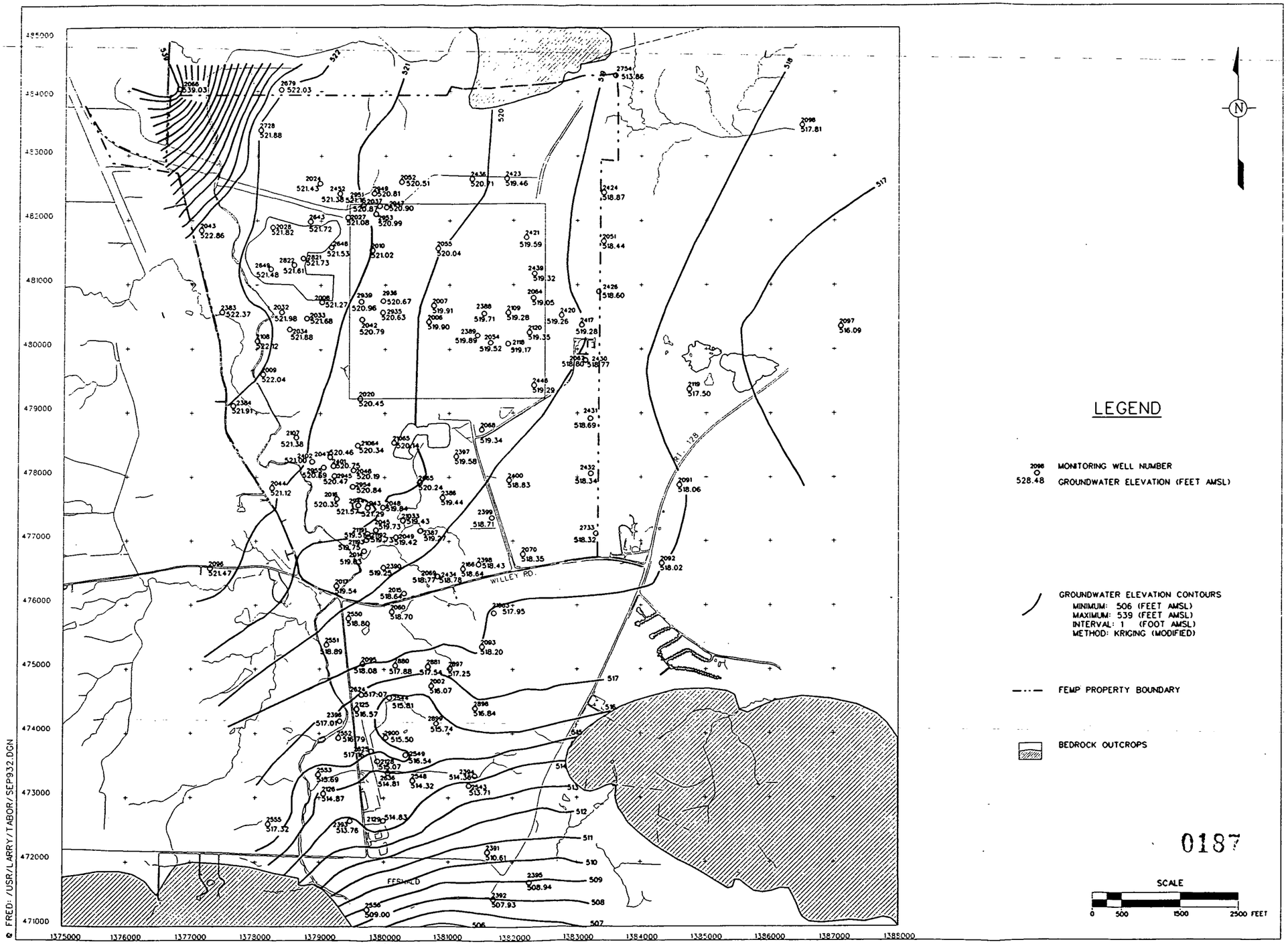


FIGURE B-1-3. JULY 1993
GROUNDWATER ELEVATIONS
FOR TYPE 2 WELLS

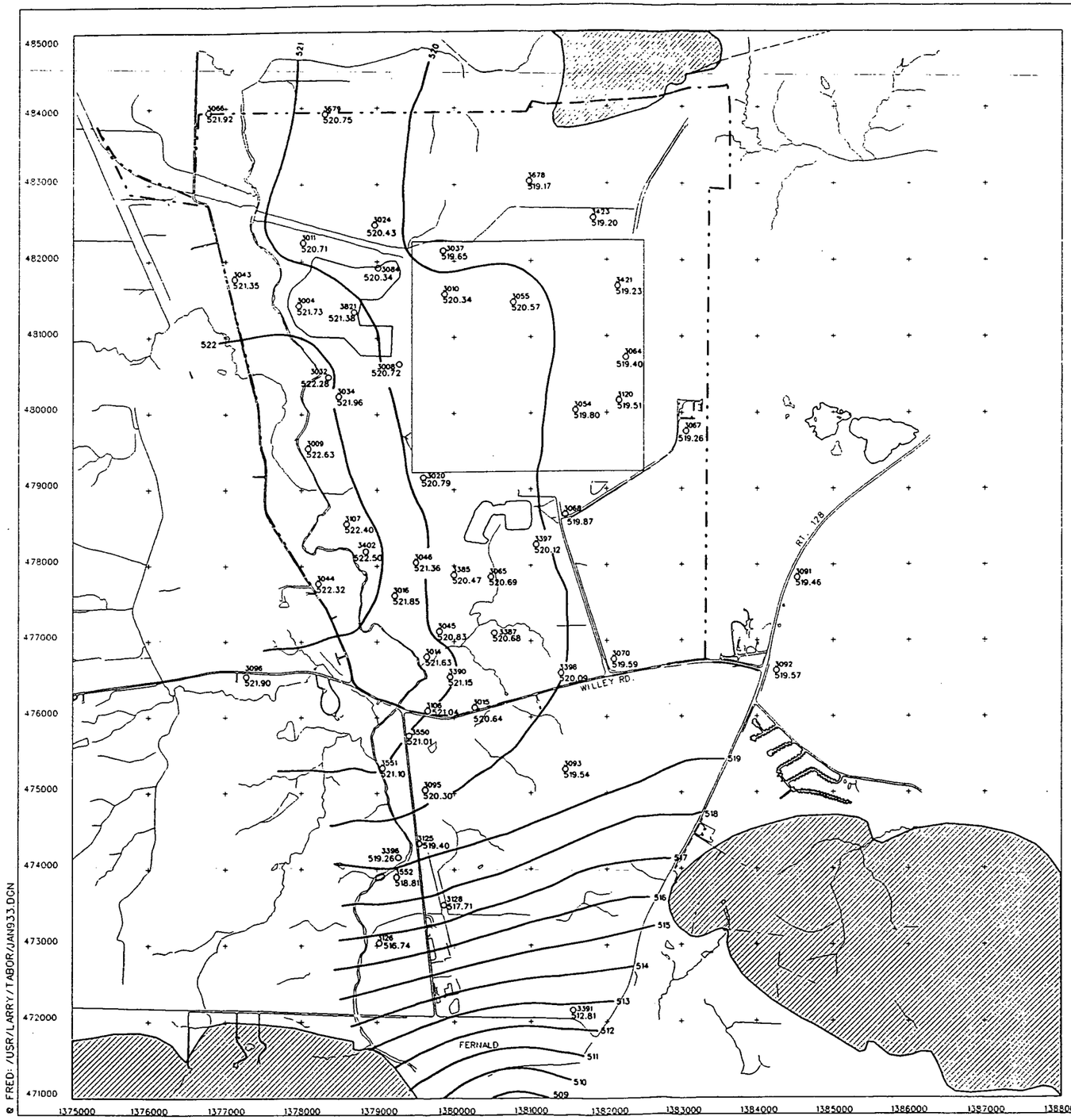


0187

FIGURE B-1-4. SEPTEMBER 1993
GROUNDWATER ELEVATIONS
FOR TYPE 2 WELLS

APPENDIX B.2

TYPE 3 GROUNDWATER ELEVATION CONTOUR MAPS



N

LEGEND

3030 MONITORING WELL NUMBER
528.48 GROUNDWATER ELEVATION (FEET AMSL)

GROUNDWATER ELEVATION CONTOURS
MINIMUM: 509 (FEET AMSL)
MAXIMUM: 522 (FEET AMSL)
INTERVAL: 1 (FOOT AMSL)
METHOD: KRIGING (MODIFIED)

FEMP PROPERTY BOUNDARY

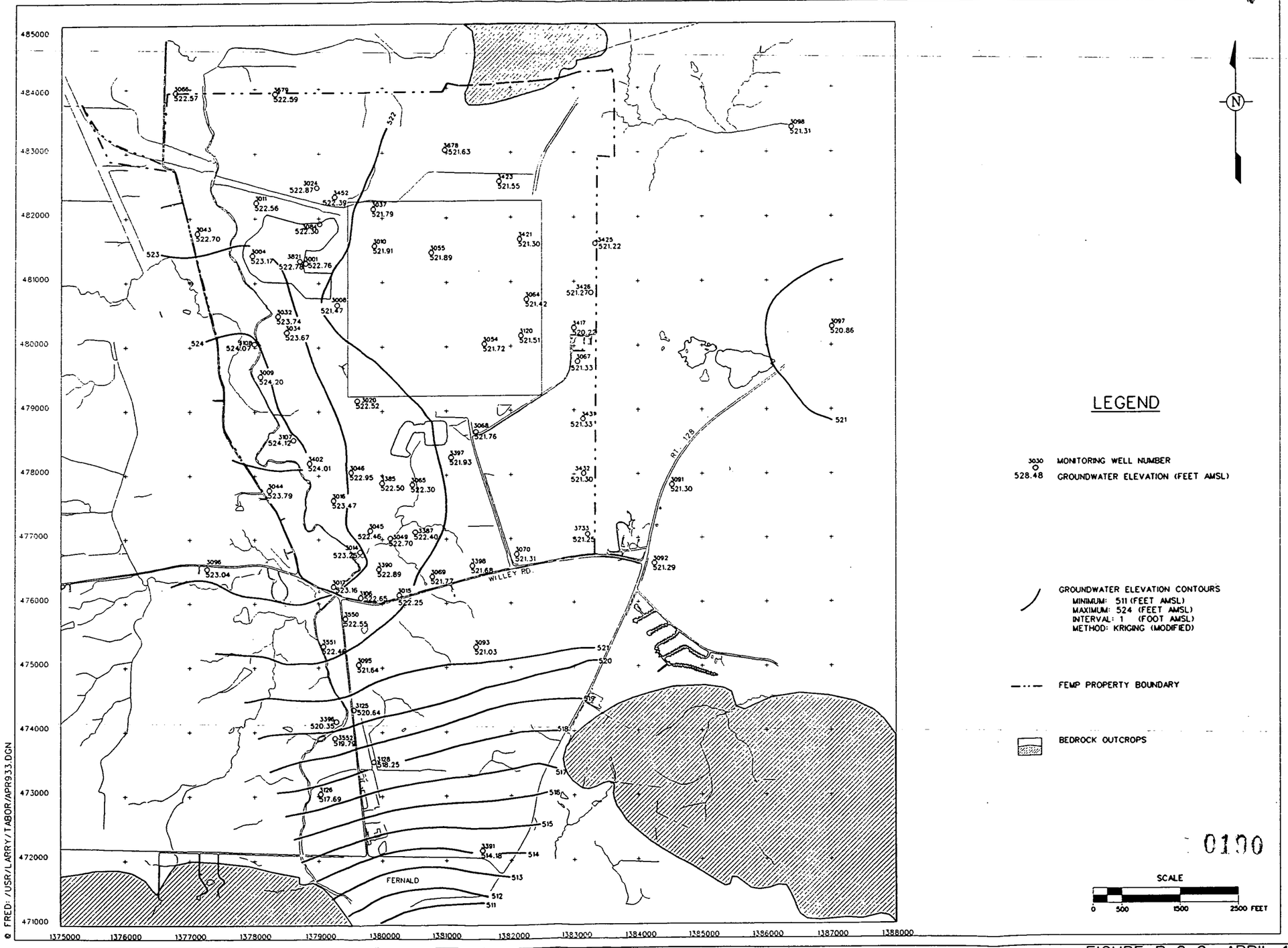
BEDROCK OUTCROPS

0189

SCALE
0 500 1500

© FRED: /USR/LARRY/TABOR/JAN933.DGN

FIGURE B
GROUND



0100

FIGURE B-2-2. APRIL 1993
GROUNDWATER ELEVATIONS
FOR TYPE 3 WELLS

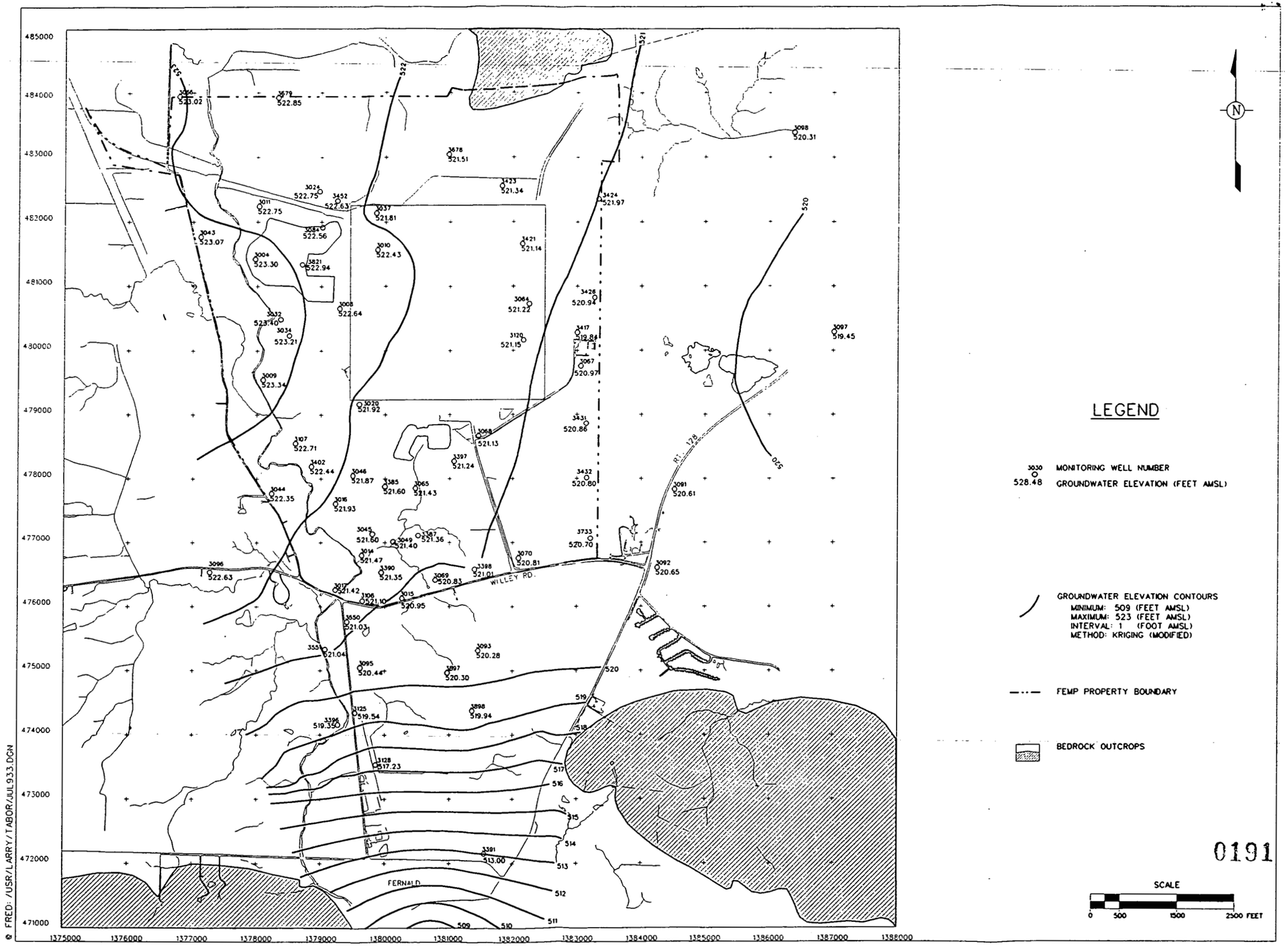
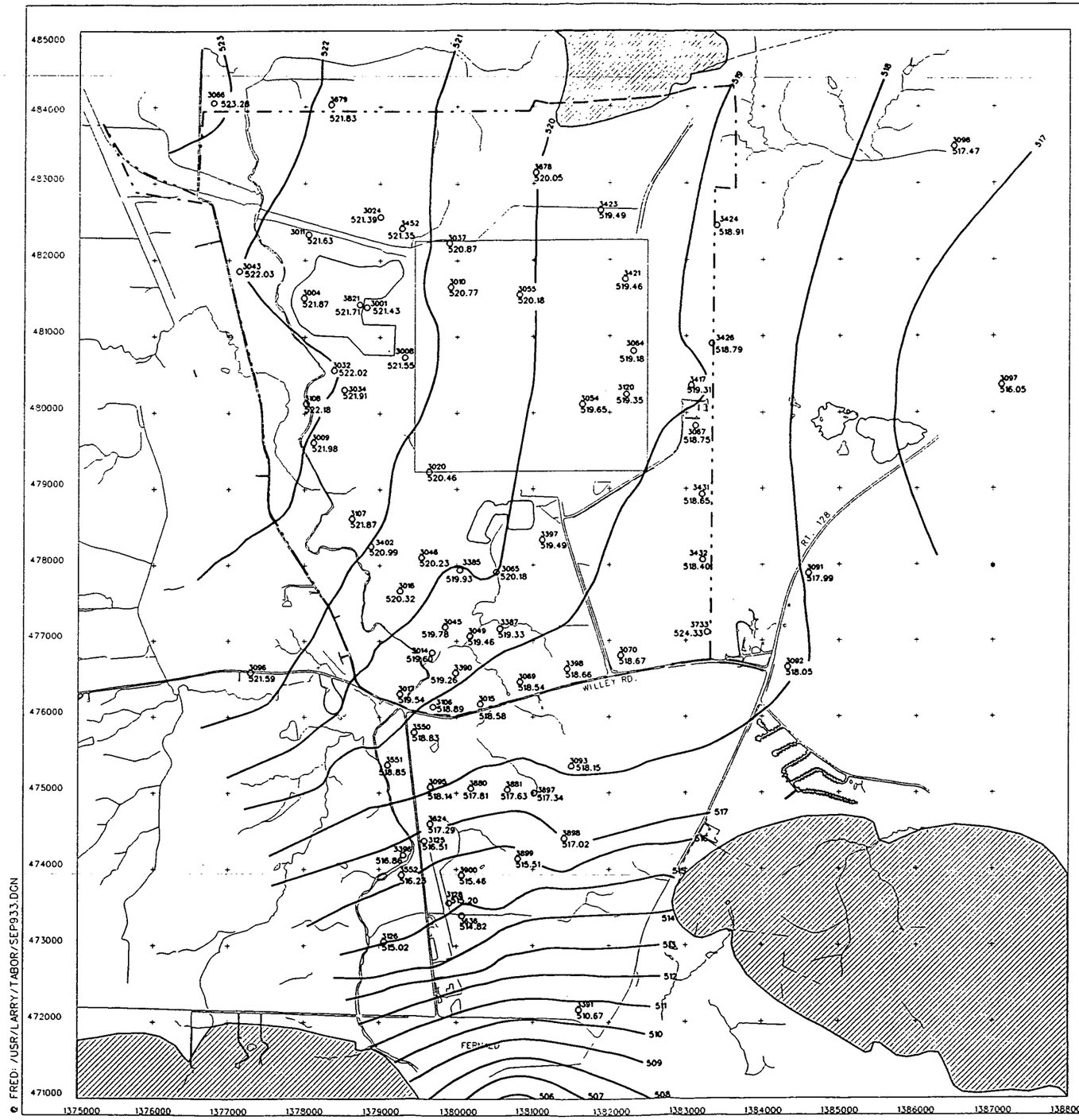


FIGURE B-2-3. JULY 1993
GROUNDWATER ELEVATIONS
FOR TYPE 3 WELLS



N

LEGEND

3030 MONITORING WELL NUMBER
528.48 GROUNDWATER ELEVATION (FEET AMSL)

NOTE: SEE APPENDIX FOR NONREPRESENTATIVE DATA

GROUNDWATER ELEVATION CONTOURS
MINIMUM: 506 (FEET AMSL)
MAXIMUM: 523 (FEET AMSL)
INTERVAL: 1 (FOOT AMSL)
METHOD: KRIGING (MODIFIED)

FEMP PROPERTY BOUNDARY

BEDROCK OUTCROPS

SCALE
0 500 1500 2500 FEET

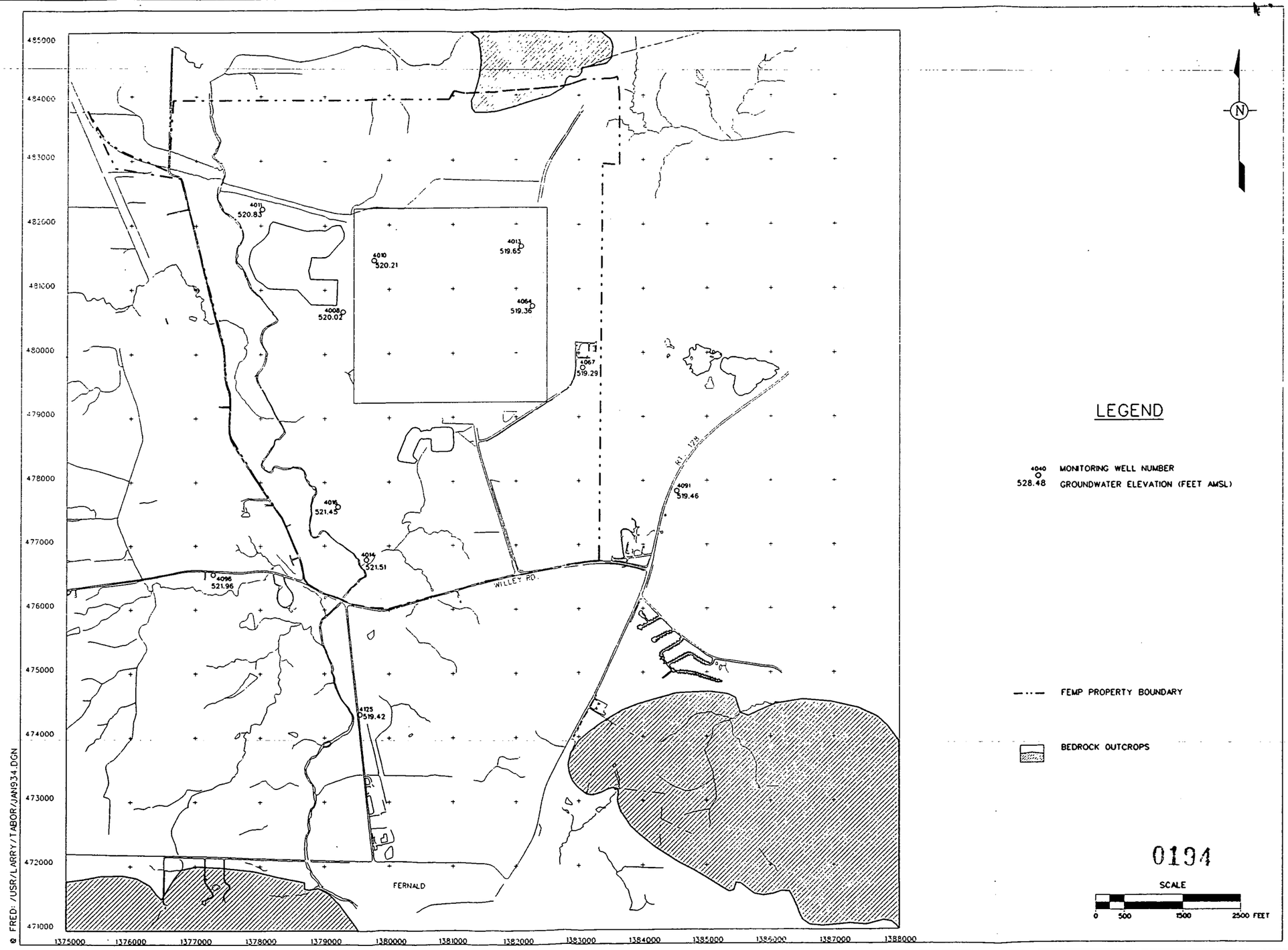
0192

© FRED: /USR/LARRY/TABOR/SEP933.DGN

FIGURE B-2-4. SEPTEMBER 1993
GROUNDWATER ELEVATIONS
FOR TYPE 3 WELLS

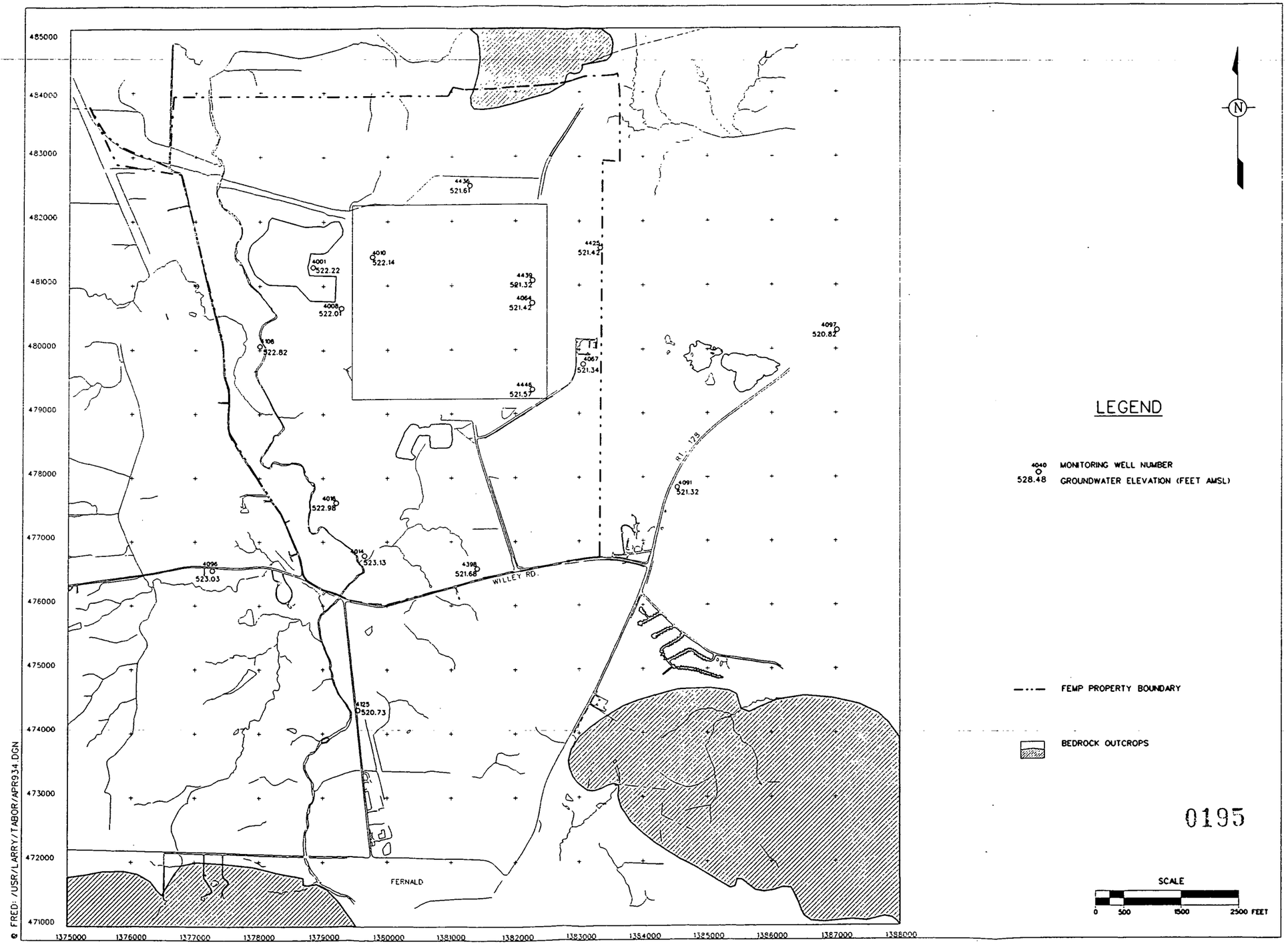
APPENDIX B.3

TYPE 4 GROUNDWATER ELEVATION DATA



0194

FIGURE B-3-1. JANUARY 1993
GROUNDWATER ELEVATIONS
FOR TYPE 4 WELLS



0195

FIGURE B-3-2. APRIL 1993
GROUNDWATER ELEVATIONS
FOR TYPE 4 WELLS

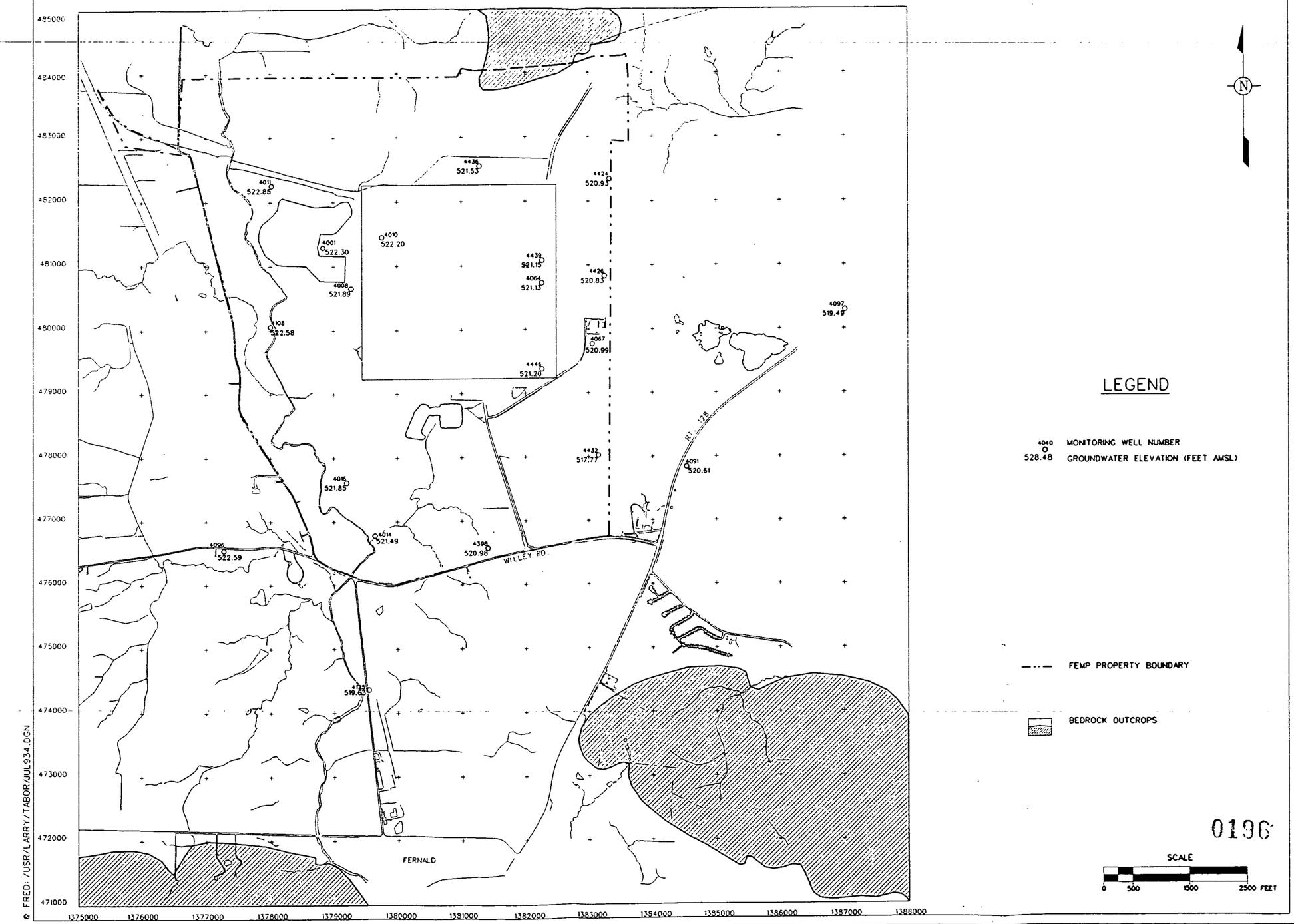
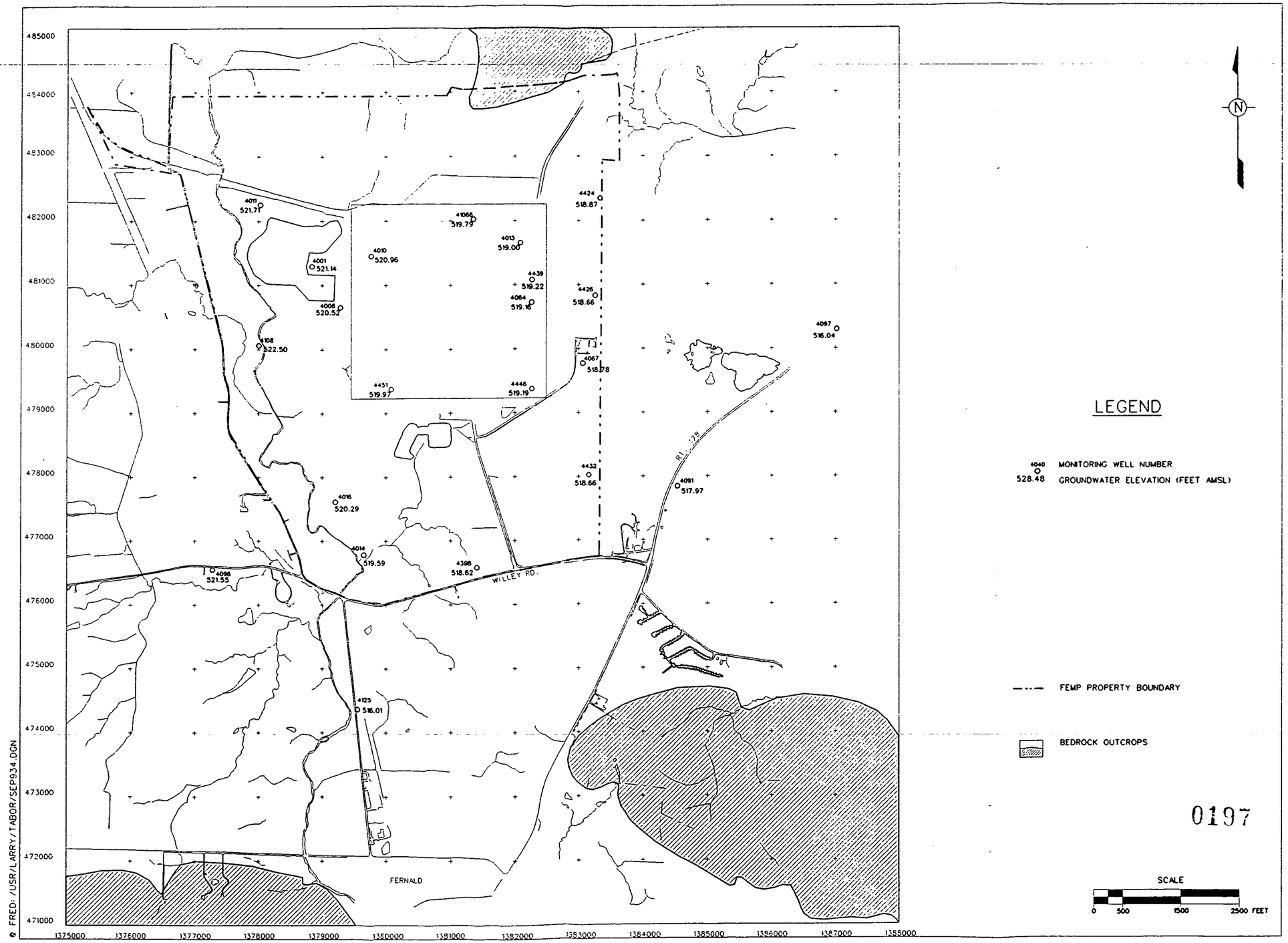


FIGURE B-3-3. JULY 1993
GROUNDWATER ELEVATIONS
FOR TYPE 4 WELLS



0197

FIGURE B-3-4. SEPTEMBER 1993
GROUNDWATER ELEVATIONS
FOR TYPE 4 WELLS

APPENDIX C

RCRA 1993 FIRST AND SECOND QUARTER ANALYTICAL RESULTS

Analytical data from the first and second quarter of 1993 RCRA sampling which was conducted under the RCRA Groundwater Monitoring Program (GMP) are provided in Appendix C. As requested by the OEPA, these results are in the EPA's Ground Water Information Tracking System (GRITS) format. For specific details on the GRITS format, refer to Appendix A.2 page 5 of this document.

The following is a list of wells that were not sampled during these quarters:

Well	1st Quarter	2nd Quarter
1004	Dry	Dry
1025	Sampled	Dry
1028	Dry	Dry
1030	Dry	Dry
1072	Dry	Dry
1260	Dry	Dry
2434	Sampled	Inaccessible
3398	Well Not Installed	Sampled
4398	Well Not Installed	Sampled

Analytical methods required by the laboratories are specified by the EPA Contract Laboratory Program (CLP), including library searches for any site-specific contaminants of concern. Some sample data sets are not complete due to difficulties regarding the analysis process. The following summarizes analysis anomalies from these first two quarters:

Well	Missing Parameters	Sample Quarter	Reason
3069	Phenols	1	Bottle broken at laboratory
All	1,2-Dichloroethene (Total)	1	Lab contract problem
1027	Dissolved Metals	2	Not Requested
All	trans-1,2-Dichloroethene	2	Lab contract problem

The laboratory contract problems mentioned above occurred during the implementation of new laboratory contracts.

A detection limit field is provided in this Appendix. The FEMP's laboratory contract, which existed at the time of these sampling events, did not require the laboratories to report the actual detection limit for each analysis. If the laboratory actually reported the detection limits, these values were used in this Appendix. If the laboratory did not report the detection limits, detection limits specified in the laboratory contract were used.

Validation and laboratory qualifiers printed in this appendix are defined in Appendix F of this document. The qualifier field in the electronic file is translated per the guidance given from OEPA in Appendix A.2 page 5.

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units					
Water elevation	(None)		Feet					
	#1038 DN	#1160 DN	#2084 DN	#3084 DN	#3120 DN			
	569.56	575.27	520.47	520.34	519.51			
Det. Limit	None	None	None	None	None			
Lab Qual.								
Val Qual.								
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
1,1-Dichloroethane	(1,1DCE)	8240	ug/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	

5217

0201

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units
1,2-Dichloroethane	(1,2DCE)	8240	ug/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Acetone	(Acetone)	8240	ug/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
	429000	500000	408000	276000	292000	280000	244000
Det. Limit	None	None	None	None	None	None	None
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Aluminum	(Al)	7020	mg/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
	.42	40.1	ND<.2	ND<.2	ND<.2	.64
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.			U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units
Aluminum	(Al)	7020	mg/L

	#3120 DN
	ND<.2
Det. Limit	0.2000
Lab Qual.	U
Val Qual.	NV

Aluminum, (Dissd.)	(Al dis)	7020	mg/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3120 DN
	ND<.2
Det. Limit	0.2000
Lab Qual.	U
Val Qual.	NV

Arsenic	(As)	7061	mg/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
	ND<.005	.0475	ND<.005	ND<.005	ND<.005	.111
Det. Limit	0.0050	0.0100	0.0050	0.0050	0.0050	0.0100
Lab Qual.	U		U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#3120 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

Arsenic, (Dissd.)	(As dis)	7061	mg/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	.201
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0100
Lab Qual.	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#3120 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

0203

0204

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units					
Barium	(Ba)	7080	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	ND<.2	.59	ND<.2	ND<.2	ND<.2	.68	ND<.2	
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	
Lab Qual.	U		U	U	U		U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Barium, (Dissd.)	(Ba dis)	7080	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	.24	ND<.2	
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	
Lab Qual.	U	U	U	U	U		U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Benzene	(Benzene)	8240	ug/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Beryllium	(Be)	7090	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.		
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	.08		
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050		
Lab Qual.	U	U	U	U	U			
Val Qual.	NV	NV	NV	NV	NV	NV		

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units
Beryllium	(Be)	7090	mg/L
Beryllium, (Dissd.)	(Be dis)	7090	mg/L
Cadmium	(Cd)	7131	mg/L
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L

Parameter	#3120 DN	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
Beryllium	ND<.005						
Det. Limit	0.0050						
Lab Qual.	U						
Val Qual.	NV						
Beryllium, (Dissd.)		ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit		0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.		U	U	U	U	U	U
Val Qual.		NV	NV	NV	NV	NV	NV
Cadmium		ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	.156
Det. Limit		0.0010	0.0010	0.0010	0.0010	0.0010	0.0050
Lab Qual.		U	U	U	U	U	
Val Qual.		NV	NV	NV	NV	NV	NV
Cadmium, (Dissd.)		ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	5.22
Det. Limit		0.0010	0.0010	0.0010	0.0010	0.0010	0.0050
Lab Qual.		U	U	U	U	U	
Val Qual.		NV	NV	NV	NV	NV	NV

0205

52172

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units					
Calcium	(Ca)	7040	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	136	600	243	137	294	282	96	
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Calcium, (Dissd.)	(Ca dis)	7040	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	142	155	251	140	278	283	92	
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Carbon disulfide	(CS2)	8240	ug/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Chloride	(Chloride)	9252	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.		
	16	35	171	43	247	281		
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV		

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units
Chloride	(Chloride)	9252	mg/L
Chloroform	(Chlorofm)	8240	ug/L
Chromium	(Cr)	7191	mg/L
Cobalt	(Co)	7201	mg/L

Parameter	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
Chloride	21						
Det. Limit	1.0000						
Lab Qual.							
Val Qual.	NV						
Chloroform	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Chromium	.0022	.17	ND<.002	ND<.002	.0058	1.08	ND<.002
Det. Limit	0.0100*	0.0100	0.0020	0.0020	0.0100*	0.0100	0.0020
Lab Qual.			U	U			U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Cobalt	ND<.005	.073	ND<.005	ND<.005	ND<.005	.21	ND<.005
Det. Limit	0.0050	0.0500	0.0050	0.0050	0.0050	0.0500	0.0050
Lab Qual.	U		U	U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

02/18/94

5217

0207

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units					
Cobalt, (Dissd.)	(Co dis)	7201	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Copper	(Cu)	7210	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	ND<.02	.141	ND<.02	ND<.02	ND<.02	.23	ND<.02	
Det. Limit	0.0200	0.0250	0.0200	0.0200	0.0200	0.0250	0.0200	
Lab Qual.	U		U	U	U		U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Copper, (Dissd.)	(Cu dis)	7210	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN	
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Fluoride	(Flrd)	340.2	ug/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.		
	460	240	130	210	140	130		
Det. Limit	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000		
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV		

52117

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units
Fluoride	(Flrd)	340.2	ug/L

	#3120 DN
	180
Det. Limit	100.0000
Lab Qual.	
Val Qual.	NV

Gross Alpha	(Alpha)	900.0	pCi/l

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
	4.1	9.8	11.4	3.5	145	152
Det. Limit	4.0000	4.0000	4.0000	4.0000*	4.0000	4.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3120 DN
	ND<.3
Det. Limit	0.3000
Lab Qual.	U
Val Qual.	NV

Gross Beta	(Beta)	900.0	pCi/l

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
	5.3	2.5	30	6.9	164	188
Det. Limit	4.0000	4.0000*	4.0000	4.0000	4.0000	4.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3120 DN
	8.4
Det. Limit	4.0000
Lab Qual.	
Val Qual.	NV

Iron	(Fe)	7380	mg/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
	1.17	143	3.03	.55	ND<.1	.3
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.					U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#3120 DN
	2.26
Det. Limit	0.1000
Lab Qual.	
Val Qual.	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
Iron, (Dissd.)	(Fe dis)	7380	mg/L	.51	ND<.1	1.99	.44	ND<.1	ND<.1	2.11
Det. Limit				0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.					U			U	U	
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Lead	(Pb)	7421	mg/L	ND<.003	.047	ND<.003	ND<.003	ND<.003	.057	ND<.003
Det. Limit				0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.				U		U	U	U		U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Lead, (Dissd.)	(Pb dis)	7421	mg/L	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	.055	ND<.003
Det. Limit				0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.				U	U	U	U	U		U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Magnesium	(Mg)	7450	mg/L	53.9	199	66.4	32.7	93.1	92.1	
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	
Lab Qual.										
Val Qual.				NV	NV	NV	NV	NV	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units
Magnesium	(Mg)	7450	mg/L
Magnesium, (Dissd.)	(Mg dis)	7450	mg/L
Manganese	(Mn)	7460	mg/L
Manganese, (Dissd.)	(Mn dis)	7460	mg/L

Parameter	#3120 DN	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
Magnesium	24.2						
Det. Limit	5.0000						
Lab Qual.							
Val Qual.	NV						
Magnesium, (Dissd.)	23.1	64.4	54.6	86.7	32.5	93.9	88.9
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Manganese	.238	.264	1.91	.924	.466	2.92	3.31
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Manganese, (Dissd.)	.217	.23	ND<.015	.893	.417	2.82	2.93
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.			U				
Val Qual.	NV	NV	NV	NV	NV	NV	NV

02/18/94

5217

Parameter	Code	Method	Units
Mercury	(Hg)	7470	mg/L
Mercury, (Dissd.)	(Hg dis)	7470	mg/L
Methylene chloride	(MeCl)	8240	ug/L
Nickel	(Ni)	249.2	mg/L

Parameter	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
Mercury	ND<.0002	ND<.0002	.0007	ND<.0002	ND<.0002	.0111	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U		U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Mercury, (Dissd.)	ND<.0002	ND<.0002	.0003	ND<.0002	ND<.0002	.0102	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U		U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Methylene chloride	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Nickel	ND<.01	.2	ND<.01	ND<.01	.011	.36	
Det. Limit	0.0100	0.0400	0.0100	0.0100	0.0400*	0.0400	
Lab Qual.	U		U	U			
Val Qual.	NV	NV	NV	NV	NV	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units
Nickel	(Ni)	249.2	mg/L
Nickel, (Dissd.)	(Ni dis)	249.2	mg/L
Phenols	(Phen)	9065	mg/L
Radium-226	(Ra-226)	903.1	pCi/l

Parameter	#3120 DN	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
Nickel	ND<.01						
Det. Limit	0.0100						
Lab Qual.	U						
Val Qual.	NV						
Nickel, (Dissd.)	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Phenols	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	.107
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0050
Lab Qual.	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Radium-226	.6	.3	1.3	1	.3	1.2	.9
Det. Limit	1.0000*	1.0000*	1.0000	1.0000	1.0000*	1.0000	1.0000*
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

02/18/94

0213

5217

Parameter	Code	Method	Units	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
Radium-228	(Ra-228)	904.0	pCi/l	.6	1.9	2	2.3	.9	.4	2
Det. Limit				3.0000*	3.0000*	3.0000*	3.0000*	3.0000*	3.0000*	3.0000*
Lab Qual.										
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Selenium	(Se)	7741	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	.0709	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U		U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Selenium, (Dissd.)	(Se dis)	7741	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	.149	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U		U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Silver	(Ag)	272.1	mg/L	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	.0245	
Det. Limit				0.0010	0.0010	0.0010	0.0010	0.0010	0.0100	
Lab Qual.				U	U	U	U	U		
Val Qual.				NV	NV	NV	NV	NV	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units					
Silver	(Ag)	272.1	mg/L					
	#3120 DN							
	ND<.001							
Det. Limit	0.0010							
Lab Qual.	U							
Val Qual.	NV							
Silver, (Dissd.)	(Ag dis)	272.1	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.		
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	.0785		
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0100		
Lab Qual.	U	U	U	U	U			
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3120 DN							
	ND<.001							
Det. Limit	0.0010							
Lab Qual.	U							
Val Qual.	NV							
Sodium	(Na)	273.1	mg/L					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.		
	8.6	9.3	74	27	85	99		
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000		
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3120 DN							
	10							
Det. Limit	5.0000							
Lab Qual.								
Val Qual.	NV							
Specific Conductivity	(Cond)	9050	umhos/cm					
	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.		
	1150	1100	2160	1030	2470	2450		
Det. Limit	None	None	None	None	None	None		
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3120 DN							
	703							
Det. Limit	None							
Lab Qual.								
Val Qual.	NV							

02/18/94

0215

5217

0216

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units
Sulfate	(SO4)	9038	mg/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
	176	76	600	206	600	644	113
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Tetrachloroethene	(TetCEthy)	8240	ug/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Toluene	(Toluen)	8240	ug/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	30.8
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	10.0000
Lab Qual.	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Trichloroethene	(TCE)	8240	ug/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

5212

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
Trichloroethene	(TCE)	8240	ug/L							
Result				ND<1						
Det. Limit				1.0000						
Lab Qual.				U						
Val Qual.				NV						
Uranium, Total	(U-Total)	908.1	ug/L							
Result				2.6	7.2	20.3	6.5	539	632	ND<.5
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.5000
Lab Qual.										U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Vanadium	(Va)	7911	mg/L							
Result				ND<.05	.269	ND<.05	ND<.05	ND<.05	.3	ND<.05
Det. Limit				0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.				U		U	U	U		U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Vanadium, (Dissd.)	(Va dis)	7911	mg/L							
Result				ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit				0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV

0214

5217

0218

Parameter	Code	Method	Units
Vinyl chloride	(VC)	8240	ug/L
Zinc	(Zn)	7950	mg/L
Zinc, (Dissd.)	(Zn dis)	7950	mg/L
pH	(pH F)	9040	SU

Parameter	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
Vinyl chloride	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Zinc	ND<.02	.429	ND<.02	ND<.02	ND<.02	.115	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U		U	U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Zinc, (Dissd.)	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
pH	7.09	7	6.97	7.21	6.95	6.97	
Det. Limit	None	None	None	None	None	None	
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	

52121

1993 RCRA Annual Report Sampling Results
Sample Date of 01/04/93

Parameter	Code	Method	Units
pH	(pH F)	9040	SU

	#3120 DN
	7.49
Det. Limit	None
Lab Qual.	
Val Qual.	NV

trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L

	#1038 DN	#1160 DN	#2084 DN	#2120 DN	#3084 DN	#3084 DN Dup.	#3120 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

0219

02/18/94

5217

Parameter	Code	Method	Units	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
Water elevation	(None)		Feet	557.7	577.97	579.27	580.75	570.34	520.71	520.83
Det. Limit				None	None	None	None	None	None	None
Lab Qual.										
Val Qual.										
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
1,1-Dichloroethane	(1,1DCE)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units										
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L										
	#4011 DN												
	ND<1												
Det. Limit	1.0000												
Lab Qual.	U												
Val Qual.	NV												
1,2-Dichloroethane	(1,2DCE)	8240	ug/L										
	#1079 DN			#1081 DN		#1082 DN		#1083 DN		#1523 DN		#3011 DN	
	ND<1			ND<1		ND<1		ND<1		ND<1		ND<1	
Det. Limit	1.0000			Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000
Lab Qual.	U			Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	NV			Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	Val Qual.	NV
	#4011 DN												
	ND<1												
Det. Limit	1.0000												
Lab Qual.	U												
Val Qual.	NV												
Acetone	(Acetone)	8240	ug/L										
	#1079 DN			#1081 DN		#1082 DN		#1083 DN		#1523 DN		#3011 DN	
	ND<10			ND<10		ND<10		ND<10		ND<10		ND<10	
Det. Limit	10.0000			Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	U			Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	NV			Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	Val Qual.	NV
	#4011 DN												
	ND<10												
Det. Limit	10.0000												
Lab Qual.	U												
Val Qual.	NV												
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L										
	#1079 DN			#1081 DN		#1082 DN		#1083 DN		#1523 DN		#3011 DN	
	416000			597000		449000		347000		323000		302000	
Det. Limit	None			Det. Limit	None	Det. Limit	None	Det. Limit	None	Det. Limit	None	Det. Limit	None
Lab Qual.				Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.	
Val Qual.	NV			Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	Val Qual.	NV
	#4011 DN												
	359000												
Det. Limit	None												
Lab Qual.													
Val Qual.	NV												

0231

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
Aluminum	(Al)	7020	mg/L	2.88	ND<.2	ND<.2	ND<.2	11.9	ND<.2	ND<.2
Det. Limit				0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.					U	U	U		U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Aluminum, (Dissd.)	(Al dis)	7020	mg/L	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit				0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Arsenic	(As)	7061	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	.0105	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0100	0.0050	0.0050
Lab Qual.				U	U	U	U		U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Arsenic, (Dissd.)	(As dis)	7061	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units
Arsenic, (Dissd.)	(As dis)	7061	mg/L
Barium	(Ba)	7080	mg/L
Barium, (Dissd.)	(Ba dis)	7080	mg/L
Benzene	(Benzene)	8240	ug/L

Parameter	#4011 DN	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
Arsenic, (Dissd.)	ND<.005						
Det. Limit	0.0050						
Lab Qual.	U						
Val Qual.	NV						
Barium	.39	ND<.2	ND<.2	.22	.21	.24	.33
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.		U	U				
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Barium, (Dissd.)	.44	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	.29
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.		U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Benzene	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

0223

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
Beryllium	(Be)	7090	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Beryllium, (Dissd.)	(Be dis)	7090	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Cadmium	(Cd)	7131	mg/L	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit				0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit				0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units					
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L					
#4011 DN								
ND<.001								
Det. Limit 0.0010								
Lab Qual. U								
Val Qual. NV								
Calcium	(Ca)	7040	mg/L					
#1079 DN	#1081 DN		#1082 DN	#1083 DN	#1523 DN	#3011 DN		
164	289		135	106	296	93		
Det. Limit 5.0000	Det. Limit 5.0000		Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		Lab Qual.	Lab Qual.	Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV		
#4011 DN								
115								
Det. Limit 5.0000								
Lab Qual.								
Val Qual. NV								
Calcium, (Dissd.)	(Ca dis)	7040	mg/L					
#1079 DN	#1081 DN		#1082 DN	#1083 DN	#1523 DN	#3011 DN		
146	287		140	124	112	94		
Det. Limit 5.0000	Det. Limit 5.0000		Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		Lab Qual.	Lab Qual.	Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV		
#4011 DN								
121								
Det. Limit 5.0000								
Lab Qual.								
Val Qual. NV								
Carbon disulfide	(CS2)	8240	ug/L					
#1079 DN	#1081 DN		#1082 DN	#1083 DN	#1523 DN	#3011 DN		
ND<1	ND<1		ND<1	ND<1	ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV		
#4011 DN								
ND<1								
Det. Limit 1.0000								
Lab Qual. U								
Val Qual. NV								

02/18/94

Parameter	Code	Method	Units	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
Chloride	(Chloride)	9252	mg/L	2	36	42	46	10	24	36
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.										
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Chloroform	(Chlorofm)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Chromium	(Cr)	7191	mg/L	.0106	.0037	.0038	.0031	.0231	ND<.002	ND<.002
Det. Limit				0.0100	0.0100*	0.0100*	0.0100*	0.0100	0.0020	0.0020
Lab Qual.									U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Cobalt	(Co)	7201	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	.0132	ND<.005	
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0500*	0.0050	
Lab Qual.				U	U	U	U		U	
Val Qual.				NV	NV	NV	NV	NV	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units
Cobalt	(Co)	7201	mg/L

	#4011 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

Cobalt, (Dissd.)	(Co dis)	7201	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

Copper	(Cu)	7210	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<.02	.025	ND<.02	ND<.02	.028	ND<.02
Det. Limit	0.0200	0.0250	0.0200	0.0200	0.0250	0.0200
Lab Qual.	U		U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<.02
Det. Limit	0.0200
Lab Qual.	U
Val Qual.	NV

Copper, (Dissd.)	(Cu dis)	7210	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<.02
Det. Limit	0.0200
Lab Qual.	U
Val Qual.	NV

0227

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units
Fluoride	(Flrd)	340.2	ug/L
Gross Alpha	(Alpha)	900.0	pCi/l
Gross Beta	(Beta)	900.0	pCi/l
Iron	(Fe)	7380	mg/L

Fluoride

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
	1210	310	580	320	240	300	410
Det. Limit	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Gross Alpha

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
	1.4	8.6	131	32.6	ND<1.3	.6	ND<.5
Det. Limit	4.0000*	4.0000	4.0000	4.0000	1.3000	4.0000*	0.5000
Lab Qual.					U		U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Gross Beta

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
	5.9	8.9	235	85.8	21.4	1.8	2.4
Det. Limit	4.0000	4.0000	4.0000	4.0000	4.0000	4.0000*	4.0000*
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Iron

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	33.3	ND<.1	.34	.22	29.8	2.08
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.		U				
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units
Iron	(Fe)	7380	mg/L

	#4011 DN
	2.28
Det. Limit	0.1000
Lab Qual.	
Val Qual.	NV

Iron, (Dissd.)	(Fe dis)	7380	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<.1	ND<.1	ND<.1	ND<.1	ND<.1	1.24
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	1.48
Det. Limit	0.1000
Lab Qual.	
Val Qual.	NV

Lead	(Pb)	7421	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<.003	ND<.003	ND<.003	ND<.003	.0118	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<.003
Det. Limit	0.0030
Lab Qual.	U
Val Qual.	NV

Lead, (Dissd.)	(Pb dis)	7421	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<.003
Det. Limit	0.0030
Lab Qual.	U
Val Qual.	NV

0223

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

0230

Parameter	Code	Method	Units	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
Magnesium	(Mg)	7450	mg/L	79	103	63.2	35.1	106	26	35.6
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.										
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Magnesium, (Dissd.)	(Mg dis)	7450	mg/L	70.7	104	66.5	39.9	33	26.1	33.9
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.										
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Manganese	(Mn)	7460	mg/L	.229	ND<.015	ND<.015	.029	.786	.135	.161
Det. Limit				0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.					U	U				
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Manganese, (Dissd.)	(Mn dis)	7460	mg/L	.046	ND<.015	ND<.015	.019	.108	.124	
Det. Limit				0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	
Lab Qual.					U	U				
Val Qual.				NV	NV	NV	NV	NV	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units
Manganese, (Dissd.)	(Mn dis)	7460	mg/L

	#4011 DN
	.148
Det. Limit	0.0150
Lab Qual.	
Val Qual.	NV

Mercury (Hg) 7470 mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<.0002
Det. Limit	0.0002
Lab Qual.	U
Val Qual.	NV

Mercury, (Dissd.) (Hg dis) 7470 mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<.0002
Det. Limit	0.0002
Lab Qual.	U
Val Qual.	NV

Methylene chloride (MeCl) 8240 ug/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	NV

5217

Parameter	Code	Method	Units
Nickel	(Ni)	249.2	mg/L
Nickel, (Dissd.)	(Ni dis)	249.2	mg/L
Phenols	(Phen)	9065	mg/L
Radium-226	(Ra-226)	903.1	pCi/l

Parameter	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
Nickel	.014	ND<.01	ND<.01	ND<.01	.038	ND<.01	ND<.01
Det. Limit	0.0400*	0.0100	0.0100	0.0100	0.0400*	0.0100	0.0100
Lab Qual.		U	U	U		U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Nickel, (Dissd.)	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Phenols	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Radium-226	.8	.2	.7	.8	.5	.7	
Det. Limit	1.0000*	1.0000*	1.0000*	1.0000*	1.0000*	1.0000*	
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units
Radium-226	(Ra-226)	903.1	pCi/l

	#4011 DN
	.6
Det. Limit	1.0000*
Lab Qual.	
Val Qual.	NV

Radium-228	(Ra-228)	904.0	pCi/l

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	.8	.5	ND<.3	ND<.3	.9	ND<.3
Det. Limit	3.0000*	3.0000*	0.3000	0.3000	3.0000*	0.3000
Lab Qual.			U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<.3
Det. Limit	0.3000
Lab Qual.	U
Val Qual.	NV

Selenium	(Se)	7741	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

Selenium, (Dissd.)	(Se dis)	7741	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

Parameter	Code	Method	Units
Silver	(Ag)	272.1	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Silver, (Dissd.)	(Ag dis)	272.1	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Sodium	(Na)	273.1	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
	24	68	20	28	4.4	13	36
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000*	5.0000	5.0000
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Specific Conductivity	(Cond)	9050	umhos/cm

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	1260	2170	1200	1050	765	720
Det. Limit	1260.0000	None	None	None	None	None
Lab Qual.	U					
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units
Specific Conductivity	(Cond)	9050	umhos/cm

	#4011 DN
	993
Det. Limit	None
Lab Qual.	
Val Qual.	NV

Sulfate	(SO4)	9038	mg/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	334	588	170	163	79	66
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	130
Det. Limit	1.0000
Lab Qual.	
Val Qual.	NV

Tetrachloroethene	(TetCEthy)	8240	ug/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<1
Det. Limit	1.0000
Lab Qual.	U
Val Qual.	NV

Toluene	(Toluen)	8240	ug/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN
	ND<1
Det. Limit	1.0000
Lab Qual.	U
Val Qual.	NV

0235

5217

0230

Parameter	Code	Method	Units
Trichloroethene	(TCE)	8240	ug/L
Uranium, Total	(U-Total)	908.1	ug/L
Vanadium	(Va)	7911	mg/L
Vanadium, (Dissd.)	(Va dis)	7911	mg/L

Parameter	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
Trichloroethene	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Uranium, Total	ND<.5	24.2	605	157	6.6	ND<.5	ND<.5
Det. Limit	0.5000	1.0000	1.0000	1.0000	1.0000	0.5000	0.5000
Lab Qual.	U					U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Vanadium	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Vanadium, (Dissd.)	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	
Lab Qual.	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	

52172

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units					
Vanadium, (Dissd.)	(Va dis)	7911	mg/L					
	#4011 DN							
	ND<.05							
Det. Limit	0.0500							
Lab Qual.	U							
Val Qual.	NV							
Vinyl chloride	(VC)	8240	ug/L					
	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN	
	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Zinc	(Zn)	7950	mg/L					
	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN	
	ND<.02	ND<.02	ND<.02	ND<.02	.101	ND<.02	ND<.02	
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	
Lab Qual.	U	U	U	U		U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Zinc, (Dissd.)	(Zn dis)	7950	mg/L					
	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN	
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	

0231

5217

0238

52 Ill

1993 RCRA Annual Report Sampling Results
Sample Date of 01/05/93

Parameter	Code	Method	Units
pH	(pH F)	9040	SU
trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L

	#1079 DN	#1081 DN	#1082 DN	#1083 DN	#1523 DN	#3011 DN	#4011 DN
pH	7.4	6.98	7.44	7.16	7.24	7.54	7.47
Det. Limit	None	None	None	None	None	None	None
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV
trans-1,2-Dichloroethene	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
Water elevation	(None)		Feet

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	539.42	521.92	569.6	519.57	520.98	520.72
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.						

	#3067 DN	#3070 DN	#3106 DN	#4008 DN	#4067 DN
	519.26	519.59	521.04	520.02	519.29
Det. Limit	None	None	None	None	None
Lab Qual.					
Val Qual.					

1,1,1-Trichloroethane (1,1,1Tri) 8240 ug/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1,1-Dichloroethane (1,1DCE) 8240 ug/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1,1-Dichloroethene (1,1-DCEE) 8240 ug/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

0239

5217

Parameter	Code	Method	Units					
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L					
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
1,2-Dichloroethane	(1,2DCE)	8240	ug/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Acetone	(Acetone)	8240	ug/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	307000	372000	349000	177000	203000	162000
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	236000	230000	238000	213000	213000	246000
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
Aluminum	(Al)	7020	mg/L
Aluminum, (Dissd.)	(Al dis)	7020	mg/L
Arsenic	(As)	7061	mg/L
Arsenic, (Dissd.)	(As dis)	7061	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
Aluminum	ND<.2	ND<.2	1.8	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U		U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Aluminum, (Dissd.)	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Arsenic	.0284	.125	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0100	0.0100	0.0050	0.0050	0.0050	0.0050
Lab Qual.			U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Arsenic, (Dissd.)	.0249	.0119	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0100	0.0100	0.0050	0.0050	0.0050	0.0050
Lab Qual.			U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
Aluminum	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Aluminum, (Dissd.)	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Arsenic	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	.0073
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0100*
Lab Qual.	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV
Arsenic, (Dissd.)	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

5217

0241

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units					
Arsenic, (Dissd.)	(As dis)	7061	mg/L					
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	.0066
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0100*
Lab Qual.	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV
Barium	(Ba)	7080	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	.79	.6	ND<.2	ND<.2	.22	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.			U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.2	.23	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U		U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Barium, (Dissd.)	(Ba dis)	7080	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	.8	.53	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.			U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Benzene	(Benzene)	8240	ug/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
Beryllium	(Be)	7090	mg/L
Beryllium, (Dissd.)	(Be dis)	7090	mg/L
Cadmium	(Cd)	7131	mg/L
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L

Sample	Result	Det. Limit	Lab Qual.	Val Qual.
Beryllium #2066 UP	ND<.005	0.0050	U	NV
Beryllium #3066 UP	ND<.005	0.0050	U	NV
Beryllium #1025 DN	ND<.005	0.0050	U	NV
Beryllium #2070 DN	ND<.005	0.0050	U	NV
Beryllium #2106 DN	ND<.005	0.0050	U	NV
Beryllium #3008 DN	ND<.005	0.0050	U	NV
Beryllium #3067 DN	ND<.005	0.0050	U	NV
Beryllium #3070 DN	ND<.005	0.0050	U	NV
Beryllium #3070 DN Dup.	ND<.005	0.0050	U	NV
Beryllium #3106 DN	ND<.005	0.0050	U	NV
Beryllium #4008 DN	ND<.005	0.0050	U	NV
Beryllium #4067 DN	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #2066 UP	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #3066 UP	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #1025 DN	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #2070 DN	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #2106 DN	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #3008 DN	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #3067 DN	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #3070 DN	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #3070 DN Dup.	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #3106 DN	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #4008 DN	ND<.005	0.0050	U	NV
Beryllium, (Dissd.) #4067 DN	ND<.005	0.0050	U	NV
Cadmium #2066 UP	ND<.001	0.0010	U	NV
Cadmium #3066 UP	ND<.001	0.0010	U	NV
Cadmium #1025 DN	ND<.001	0.0010	U	NV
Cadmium #2070 DN	ND<.001	0.0010	U	NV
Cadmium #2106 DN	ND<.001	0.0010	U	NV
Cadmium #3008 DN	ND<.001	0.0010	U	NV
Cadmium #3067 DN	ND<.001	0.0010	U	NV
Cadmium #3070 DN	ND<.001	0.0010	U	NV
Cadmium #3070 DN Dup.	ND<.001	0.0010	U	NV
Cadmium #3106 DN	ND<.001	0.0010	U	NV
Cadmium #4008 DN	ND<.001	0.0010	U	NV
Cadmium #4067 DN	ND<.001	0.0010	U	NV
Cadmium, (Dissd.) #2066 UP	ND<.001	0.0010	U	NV
Cadmium, (Dissd.) #3066 UP	ND<.001	0.0010	U	NV
Cadmium, (Dissd.) #1025 DN	ND<.001	0.0010	U	NV
Cadmium, (Dissd.) #2070 DN	ND<.001	0.0010	U	NV
Cadmium, (Dissd.) #2106 DN	ND<.001	0.0010	U	NV
Cadmium, (Dissd.) #3008 DN	ND<.001	0.0010	U	NV

02413

5217

0244

5212

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units					
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L					
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Calcium	(Ca)	7040	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	75	171	480	87	90	26
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	99	113	105	98	82	84
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Calcium, (Dissd.)	(Ca dis)	7040	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	76	170	521	87	84	21
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	99	107	108	98	82	84
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Carbon disulfide	(CS2)	8240	ug/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
Chloride	(Chloride)	9252	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	69	730	839	5	22	24
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	20	18	17	29	13	14
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

Chloroform	(Chlorofm)	8240	ug/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

Chromium	(Cr)	7191	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.002	.0021	.0254	ND<.002	ND<.002	.0099
Det. Limit	0.0020	0.0100*	0.0100	0.0020	0.0020	0.0100*
Lab Qual.	U			U	U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.002	.0028	.0024	.002	ND<.002	ND<.002
Det. Limit	0.0020	0.0100*	0.0100*	0.0100*	0.0020	0.0020
Lab Qual.	U				U	U
Val Qual.	NV	NV	NV	NV	NV	NV

Cobalt	(Co)	7201	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

0245

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units					
Cobalt	(Co)	7201	mg/L					
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN		
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005		
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
Cobalt, (Dissd.)	(Co dis)	7201	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN		
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005		
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN		
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005		
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
Copper	(Cu)	7210	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN		
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	.052		
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0250		
Lab Qual.	U	U	U	U	U			
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN		
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02		
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
Copper, (Dissd.)	(Cu dis)	7210	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN		
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02		
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN		
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02		
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
Fluoride	(Flrd)	340.2	ug/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	910	130	380	160	310	70
Det. Limit	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000*
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	190	150	150	160	190	290
Det. Limit	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

Gross Alpha	(Alpha)	900.0	pCi/l

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	1.6	ND<1.9	ND<3.2	ND<.4	21.2	.5
Det. Limit	4.0000*	1.9000	3.2000	0.4000	4.0000	4.0000*
Lab Qual.		U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	2.2	ND<.6	1.6	ND<.4	.3	ND<.3
Det. Limit	4.0000*	0.6000	4.0000*	0.4000	4.0000*	0.3000
Lab Qual.		U		U		U
Val Qual.	NV	NV	NV	NV	NV	NV

Gross Beta	(Beta)	900.0	pCi/l

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	.6	ND<1.2	66.7	6.6	16.4	8.5
Det. Limit	4.0000*	1.2000	4.0000	4.0000	4.0000	4.0000
Lab Qual.		U				
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	5.3	ND<.4	ND<.4	2.1	2.9	2.3
Det. Limit	4.0000	0.4000	0.4000	4.0000*	4.0000*	4.0000*
Lab Qual.		U	U			
Val Qual.	NV	NV	NV	NV	NV	NV

Iron	(Fe)	7380	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	1.87	21.4	4.5	1.37	.11	13.5
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

0247

52117

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units					
Iron	(Fe)	7380	mg/L					
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	2.22	2.19	2.32	.11	2.38	3.03
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Iron, (Dissd.)	(Fe dis)	7380	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	1.84	22.1	ND<.1	1.28	ND<.1	.13
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.			U		U	
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	1.81	2.12	2.2	ND<.1	2.15	2.84
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.				U		
Val Qual.	NV	NV	NV	NV	NV	NV
Lead	(Pb)	7421	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	1.15
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Lead, (Dissd.)	(Pb dis)	7421	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.003	ND<.003	ND<.003	ND<.003	NB<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
Magnesium	(Mg)	7450	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	30.1	57.8	171	25.3	21.8	25.8
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	24.6	26.5	27	24.7	23	22.7
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

Magnesium, (Dissd.)	(Mg dis)	7450	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	29.9	57.3	184	24.6	20.6	21.3
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	25.1	26.5	27	24.5	22.2	22.9
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

Manganese	(Mn)	7460	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	.025	.107	.278	.192	ND<.015	.463
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.					U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	.166	.358	.361	.043	.348	.169
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

Manganese, (Dissd.)	(Mn dis)	7460	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	.021	.116	.066	.185	ND<.015	.222
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.					U	
Val Qual.	NV	NV	NV	NV	NV	NV

0249

5217

0550

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
Manganese, (Dissd.)	(Mn dis)	7460	mg/L
Mercury	(Hg)	7470	mg/L
Mercury, (Dissd.)	(Hg dis)	7470	mg/L
Methylene chloride	(MeCl)	8240	ug/L

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
Manganese, (Dissd.)	.157	.333	.336	ND<.015	.358	.172
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.				U		
Val Qual.	NV	NV	NV	NV	NV	NV

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
Mercury	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
Mercury	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
Mercury, (Dissd.)	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
Mercury, (Dissd.)	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
Methylene chloride	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
Methylene chloride	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
Nickel	(Ni)	249.2	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.01	ND<.01	.033	ND<.01	ND<.01	.014
Det. Limit	0.0100	0.0100	0.0400*	0.0100	0.0100	0.0400*
Lab Qual.	U	U		U	U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

Nickel, (Dissd.)	(Ni dis)	249.2	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.01	ND<.01	.027	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0400*	0.0100	0.0100	0.0100
Lab Qual.	U	U		U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

Phenols	(Phen)	9065	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

Radium-226	(Ra-226)	903.1	pCi/l

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	1.1	1.1	1.3	1	.7	.4
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000*	1.0000*
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

0251

5212

Parameter	Code	Method	Units					
Radium-226	(Ra-226)	903.1	pCi/l					
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	.8	.7	.8	.5	.3	.1
Det. Limit	1.0000*	1.0000*	1.0000*	1.0000*	1.0000*	1.0000*
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Radium-228	(Ra-228)	904.0	pCi/l					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	1	3	ND<.3	.9	.3	1.1
Det. Limit	3.0000*	3.0000	0.3000	3.0000*	3.0000*	3.0000*
Lab Qual.			U			
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	2.3	.8	ND<.3	1.6	.5	1
Det. Limit	3.0000*	3.0000*	0.3000	3.0000*	3.0000*	3.0000*
Lab Qual.			U			
Val Qual.	NV	NV	NV	NV	NV	NV
Selenium	(Se)	7741	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Selenium, (Dissd.)	(Se dis)	7741	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
Silver	(Ag)	272.1	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

Silver, (Dissd.)	(Ag dis)	272.1	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

Sodium	(Na)	273.1	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	52	330	180	22	14	12
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	10	10	10	12	11	11
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

Specific Conductivity	(Cond)	9050	umhos/cm

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	845	3020	4820	447	629	504
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

02553

5217

0254

5212

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units					
Specific Conductivity	(Cond)	9050	umhos/cm					
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	691	649	654	690	458	603
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Sulfate	(SO4)	9038	mg/L			
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	14	6	644	45	87	59
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	133	143	139	84	19	58
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Tetrachloroethene	(TetCEthy)	8240	ug/L			
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Toluene	(Toluen)	8240	ug/L			
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
Trichloroethene	(TCE)	8240	ug/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

Uranium, Total	(U-Total)	908.1	ug/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.5	ND<.5	4.8	ND<.5	47.3	ND<.5
Det. Limit	0.5000	0.5000	1.0000	0.5000	1.0000	0.5000
Lab Qual.	U	U		U		U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.5	ND<.5	ND<.5	ND<.5	.9	ND<.5
Det. Limit	0.5000	0.5000	0.5000	0.5000	1.0000*	0.5000
Lab Qual.	U	U	U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV

Vanadium	(Va)	7911	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

Vanadium, (Dissd.)	(Va dis)	7911	mg/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

5217
05255

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units					
Vanadium, (Dissd.)	(Va dis)	7911	mg/L					
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Vinyl chloride	(VC)	8240	ug/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Zinc	(Zn)	7950	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<.02	ND<.02	.022	ND<.02	ND<.02	.048
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U		U	U	
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Zinc, (Dissd.)	(Zn dis)	7950	mg/L					
	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	.032	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.		U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/06/93

Parameter	Code	Method	Units
pH	(pH F)	9040	SU

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	7.56	7.07	6.82	7.87	7.59	7.8
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	7.45	7.48	7.44	7.51	7.41	7.56
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L

	#2066 UP	#3066 UP	#1025 DN	#2070 DN	#2106 DN	#3008 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3067 DN	#3070 DN	#3070 DN Dup.	#3106 DN	#4008 DN	#4067 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

0257

5217

Parameter	Code	Method	Units		
Water elevation	(None)		Feet		
#2824 DN	#3821 DN				
521.4	521.38				
Det. Limit None	Det. Limit None				
Lab Qual.	Lab Qual.				
Val Qual.	Val Qual.				
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L		
#2051 DN	#2821 DN		#3069 DN	#3821 DN	
ND<1	ND<1		ND<1	ND<1	
Det. Limit 1.0000	Det. Limit 1.0000		Det. Limit 1.0000	Det. Limit 1.0000	
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	
Val Qual. NV	Val Qual. NV		Val Qual. NV	Val Qual. NV	
1,1-Dichloroethane	(1,1DCE)	8240	ug/L		
#2051 DN	#2821 DN		#3069 DN	#3821 DN	
ND<1	ND<1		ND<1	ND<1	
Det. Limit 1.0000	Det. Limit 1.0000		Det. Limit 1.0000	Det. Limit 1.0000	
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	
Val Qual. NV	Val Qual. NV		Val Qual. NV	Val Qual. NV	
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L		
#2051 DN	#2821 DN		#3069 DN	#3821 DN	
ND<1	ND<1		ND<1	ND<1	
Det. Limit 1.0000	Det. Limit 1.0000		Det. Limit 1.0000	Det. Limit 1.0000	
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	
Val Qual. NV	Val Qual. NV		Val Qual. NV	Val Qual. NV	
1,2-Dichloroethane	(1,2DCE)	8240	ug/L		
#2051 DN	#2821 DN		#3069 DN	#3821 DN	
ND<1	ND<1		ND<1	ND<1	
Det. Limit 1.0000	Det. Limit 1.0000		Det. Limit 1.0000	Det. Limit 1.0000	
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	
Val Qual. NV	Val Qual. NV		Val Qual. NV	Val Qual. NV	
Acetone	(Acetone)	8240	ug/L		
#2051 DN	#2821 DN		#3069 DN	#3821 DN	
ND<10	ND<10		ND<10	ND<10	
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000	Det. Limit 10.0000	
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	
Val Qual. NV	Val Qual. NV		Val Qual. NV	Val Qual. NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/07/93

Parameter	Code	Method	Units			
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L			
	#2051 DN		#2821 DN		#3069 DN	#3821 DN
	294000		272000		213000	209000
Det. Limit	None		None		None	None
Lab Qual.						
Val Qual.	NV		NV		NV	NV
Aluminum	(Al)	7020	mg/L			
	#2051 DN		#2821 DN		#3069 DN	#3821 DN
	ND<.2		.2		ND<.2	ND<.4
Det. Limit	0.2000		0.2000		0.2000	0.4000
Lab Qual.	U				U	U
Val Qual.	NV		NV		NV	NV
Aluminum, (Dissd.)	(Al dis)	7020	mg/L			
	#2051 DN		#2821 DN		#3069 DN	#3821 DN
	ND<.2		ND<.2		ND<.2	ND<.2
Det. Limit	0.2000		0.2000		0.2000	0.2000
Lab Qual.	U		U		U	U
Val Qual.	NV		NV		NV	NV
Arsenic	(As)	7061	mg/L			
	#2051 DN		#2821 DN		#3069 DN	#3821 DN
	ND<.005		ND<.005		ND<.005	ND<.005
Det. Limit	0.0050		0.0050		0.0050	0.0050
Lab Qual.	U		U		U	U
Val Qual.	NV		NV		NV	NV
Arsenic, (Dissd.)	(As dis)	7061	mg/L			
	#2051 DN		#2821 DN		#3069 DN	#3821 DN
	ND<.005		ND<.005		ND<.005	ND<.005
Det. Limit	0.0050		0.0050		0.0050	0.0050
Lab Qual.	U		U		U	U
Val Qual.	NV		NV		NV	NV
Barium	(Ba)	7080	mg/L			
	#2051 DN		#2821 DN		#3069 DN	#3821 DN
	ND<.2		ND<.2		ND<.2	ND<.2
Det. Limit	0.2000		0.2000		0.2000	0.2000
Lab Qual.	U		U		U	U
Val Qual.	NV		NV		NV	NV

0250

5217

Parameter	Code	Method	Units			
Barium, (Dissd.)	(Ba dis)	7080	mg/L			
	#2051 DN			#2821 DN	#3069 DN	#3821 DN
	ND<.2			ND<.2	ND<.2	ND<.2
Det. Limit	0.2000			0.2000	0.2000	0.2000
Lab Qual.	U			U	U	U
Val Qual.	NV			NV	NV	NV
Benzene	(Benzene)	8240	ug/L			
	#2051 DN			#2821 DN	#3069 DN	#3821 DN
	ND<1			ND<1	ND<1	ND<1
Det. Limit	1.0000			1.0000	1.0000	1.0000
Lab Qual.	U			U	U	U
Val Qual.	NV			NV	NV	NV
Beryllium	(Be)	7090	mg/L			
	#2051 DN			#2821 DN	#3069 DN	#3821 DN
	ND<.005			ND<.005	ND<.005	ND<.005
Det. Limit	0.0050			0.0050	0.0050	0.0050
Lab Qual.	U			U	U	U
Val Qual.	NV			NV	NV	NV
Beryllium, (Dissd.)	(Be dis)	7090	mg/L			
	#2051 DN			#2821 DN	#3069 DN	#3821 DN
	ND<.005			ND<.005	ND<.005	ND<.005
Det. Limit	0.0050			0.0050	0.0050	0.0050
Lab Qual.	U			U	U	U
Val Qual.	NV			NV	NV	NV
Cadmium	(Cd)	7131	mg/L			
	#2051 DN			#2821 DN	#3069 DN	#3821 DN
	ND<.001			ND<.001	ND<.001	ND<.001
Det. Limit	0.0010			0.0010	0.0010	0.0010
Lab Qual.	U			U	U	U
Val Qual.	NV			NV	NV	NV
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L			
	#2051 DN			#2821 DN	#3069 DN	#3821 DN
	ND<.001			ND<.001	ND<.001	ND<.001
Det. Limit	0.0010			0.0010	0.0010	0.0010
Lab Qual.	U			U	U	U
Val Qual.	NV			NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/07/93

Parameter	Code	Method	Units			
Calcium	(Ca)	7040	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	202		125	86	86	
Det. Limit	5.0000		5.0000	5.0000	5.0000	
Lab Qual.						
Val Qual.	NV		NV	NV	NV	
Calcium, (Dissd.)	(Ca dis)	7040	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	208		123	87	90	
Det. Limit	5.0000		5.0000	5.0000	5.0000	
Lab Qual.						
Val Qual.	NV		NV	NV	NV	
Carbon disulfide	(CS2)	8240	ug/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<1		ND<1	ND<1	ND<1	
Det. Limit	1.0000		1.0000	1.0000	1.0000	
Lab Qual.	U		U	U	U	
Val Qual.	NV		NV	NV	NV	
Chloride	(Chloride)	9252	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	27		44	23	24	
Det. Limit	1.0000		1.0000	1.0000	1.0000	
Lab Qual.						
Val Qual.	NV		NV	NV	NV	
Chloroform	(Chlorofm)	8240	ug/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<1		ND<1	ND<1	ND<1	
Det. Limit	1.0000		1.0000	1.0000	1.0000	
Lab Qual.	U		U	U	U	
Val Qual.	NV		NV	NV	NV	
Chromium	(Cr)	7191	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<.002		.0078	ND<.002	ND<.002	
Det. Limit	0.0020		0.0100*	0.0020	0.0020	
Lab Qual.	U			U	U	
Val Qual.	NV		NV	NV	NV	

5217

0201

1993 RCRA Annual Report Sampling Results
Sample Date of 01/07/93

Parameter	Code	Method	Units	#2051 DN	#2821 DN	#3069 DN	#3821 DN
Cobalt	(Co)	7201	mg/L	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U
Val Qual.				NV	NV	NV	NV
Cobalt, (Dissd.)	(Co dis)	7201	mg/L	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U
Val Qual.				NV	NV	NV	NV
Copper	(Cu)	7210	mg/L	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U
Val Qual.				NV	NV	NV	NV
Copper, (Dissd.)	(Cu dis)	7210	mg/L	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U
Val Qual.				NV	NV	NV	NV
Fluoride	(Flrd)	340.2	ug/L	260	240	170	240
Det. Limit				100.0000	100.0000	100.0000	100.0000
Lab Qual.							
Val Qual.				NV	NV	NV	NV
Gross Alpha	(Alpha)	900.0	pCi/l	ND<.7	12.6	8.8	5.2
Det. Limit				0.7000	4.0000	4.0000	4.0000
Lab Qual.				U			
Val Qual.				NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/07/93

Parameter	Code	Method	Units			
Gross Beta	(Beta)	900.0	pCi/l			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	13.8		70.8	8.7	9.6	
Det. Limit	4.0000	Det. Limit	4.0000	Det. Limit 4.0000	Det. Limit 4.0000	
Lab Qual.		Lab Qual.		Lab Qual.	Lab Qual.	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	
Iron	(Fe)	7380	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	4.09		1.52	ND<.1	.21	
Det. Limit	0.1000	Det. Limit	0.1000	Det. Limit 0.1000	Det. Limit 0.1000	
Lab Qual.		Lab Qual.		Lab Qual. U	Lab Qual.	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	
Iron, (Dissd.)	(Fe dis)	7380	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	3.49		.12	ND<.1	.11	
Det. Limit	0.1000	Det. Limit	0.1000	Det. Limit 0.1000	Det. Limit 0.1000	
Lab Qual.		Lab Qual.		Lab Qual. U	Lab Qual.	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	
Lead	(Pb)	7421	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<.003		ND<.003	ND<.003	.0054	
Det. Limit	0.0030	Det. Limit	0.0030	Det. Limit 0.0030	Det. Limit 0.0030	
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual.	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	
Lead, (Dissd.)	(Pb dis)	7421	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<.003		ND<.003	ND<.003	ND<.003	
Det. Limit	0.0030	Det. Limit	0.0030	Det. Limit 0.0030	Det. Limit 0.0030	
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual. U	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	
Magnesium	(Mg)	7450	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	46.9		29.3	21.9	20.3	
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit 5.0000	Det. Limit 5.0000	
Lab Qual.		Lab Qual.		Lab Qual.	Lab Qual.	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/07/93

Parameter	Code	Method	Units			
Magnesium, (Dissd.)	(Mg dis)	7450	mg/L			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN
	45	29.6	21.7	21.4
Det. Limit	5.0000	5.0000	5.0000	5.0000
Lab Qual.				
Val Qual.	NV	NV	NV	NV
Manganese	(Mn)	7460	mg/L			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN
	.401	.117	.072	.659
Det. Limit	0.0150	0.0150	0.0150	0.0150
Lab Qual.				
Val Qual.	NV	NV	NV	NV
Manganese, (Dissd.)	(Mn dis)	7460	mg/L			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN
	.372	.022	.073	.662
Det. Limit	0.0150	0.0150	0.0150	0.0150
Lab Qual.				
Val Qual.	NV	NV	NV	NV
Mercury	(Hg)	7470	mg/L			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U
Val Qual.	NV	NV	NV	NV
Mercury, (Dissd.)	(Hg dis)	7470	mg/L			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U
Val Qual.	NV	NV	NV	NV
Methylene chloride	(MeCl)	8240	ug/L			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN
	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U
Val Qual.	NV	NV	NV	NV

Parameter	Code	Method	Units			
Nickel	(Ni)	249.2	mg/L			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN		
	ND<.01	ND<.01	ND<.01	ND<.01		
Det. Limit	0.0100	Det. Limit 0.0100	Det. Limit	0.0100	Det. Limit	0.0100
Lab Qual.	U	Lab Qual. U	Lab Qual.	U	Lab Qual.	U
Val Qual.	NV	Val Qual. NV	Val Qual.	NV	Val Qual.	NV
Nickel, (Dissd.)	(Ni dis)	249.2	mg/L			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN		
	ND<.01	ND<.01	ND<.01	ND<.01		
Det. Limit	0.0100	Det. Limit 0.0100	Det. Limit	0.0100	Det. Limit	0.0100
Lab Qual.	U	Lab Qual. U	Lab Qual.	U	Lab Qual.	U
Val Qual.	NV	Val Qual. NV	Val Qual.	NV	Val Qual.	NV
Phenols	(Phen)	9065	mg/L			
	#2051 DN	#2821 DN	#3821 DN			
	ND<.01	ND<.01	ND<.01			
Det. Limit	0.0100	Det. Limit 0.0100	Det. Limit	0.0100		
Lab Qual.	U	Lab Qual. U	Lab Qual.	U		
Val Qual.	NV	Val Qual. NV	Val Qual.	NV		
Radium-226	(Ra-226)	903.1	pCi/l			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN		
	.4	.3	.6	.5		
Det. Limit	1.0000*	Det. Limit 1.0000*	Det. Limit	1.0000*	Det. Limit	1.0000*
Lab Qual.		Lab Qual.	Lab Qual.		Lab Qual.	
Val Qual.	NV	Val Qual. NV	Val Qual.	NV	Val Qual.	NV
Radium-228	(Ra-228)	904.0	pCi/l			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN		
	2.9	.5	2	.6		
Det. Limit	3.0000*	Det. Limit 3.0000*	Det. Limit	3.0000*	Det. Limit	3.0000*
Lab Qual.		Lab Qual.	Lab Qual.		Lab Qual.	
Val Qual.	NV	Val Qual. NV	Val Qual.	NV	Val Qual.	NV
Selenium	(Se)	7741	mg/L			
	#2051 DN	#2821 DN	#3069 DN	#3821 DN		
	ND<.005	ND<.005	ND<.005	ND<.005		
Det. Limit	0.0050	Det. Limit 0.0050	Det. Limit	0.0050	Det. Limit	0.0050
Lab Qual.	U	Lab Qual. U	Lab Qual.	U	Lab Qual.	U
Val Qual.	NV	Val Qual. NV	Val Qual.	NV	Val Qual.	NV

0265

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/07/93

Parameter	Code	Method	Units		
Selenium, (Dissd.)	(Se dis)	7741	mg/L		
	#2051 DN	#2821 DN	#3069 DN	#3821 DN	
	ND<.005	ND<.005	ND<.005	ND<.005	
Det. Limit	0.0050	0.0050	0.0050	0.0050	
Lab Qual.	U	U	U	U	
Val Qual.	NV	NV	NV	NV	
Silver	(Ag)	272.1	mg/L		
	#2051 DN	#2821 DN	#3069 DN	#3821 DN	
	ND<.001	ND<.001	ND<.001	ND<.001	
Det. Limit	0.0010	0.0010	0.0010	0.0010	
Lab Qual.	U	U	U	U	
Val Qual.	NV	NV	NV	NV	
Silver, (Dissd.)	(Ag dis)	272.1	mg/L		
	#2051 DN	#2821 DN	#3069 DN	#3821 DN	
	ND<.001	ND<.001	ND<.001	ND<.001	
Det. Limit	0.0010	0.0010	0.0010	0.0010	
Lab Qual.	U	U	U	U	
Val Qual.	NV	NV	NV	NV	
Sodium	(Na)	273.1	mg/L		
	#2051 DN	#2821 DN	#3069 DN	#3821 DN	
	12	19	12	13	
Det. Limit	5.0000	5.0000	5.0000	5.0000	
Lab Qual.					
Val Qual.	NV	NV	NV	NV	
Specific Conductivity	(Cond)	9050	umhos/cm		
	#2051 DN	#2821 DN	#3069 DN	#3821 DN	
	1240	880	628	639	
Det. Limit	None	None	None	None	
Lab Qual.					
Val Qual.	NV	NV	NV	NV	
Sulfate	(SO4)	9038	mg/L		
	#2051 DN	#2821 DN	#3069 DN	#3821 DN	
	385	142	81	82	
Det. Limit	1.0000	1.0000	1.0000	1.0000	
Lab Qual.					
Val Qual.	NV	NV	NV	NV	

Parameter	Code	Method	Units			
Tetrachloroethene	(TetCEthy)	8240	ug/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<1		ND<1	ND<1	ND<1	
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit 1.0000	Det. Limit 1.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual. U	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	
Toluene	(Toluen)	8240	ug/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<1		ND<1	ND<1	ND<1	
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit 1.0000	Det. Limit 1.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual. U	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	
Trichloroethene	(TCE)	8240	ug/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<1		ND<1	ND<1	ND<1	
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit 1.0000	Det. Limit 1.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual. U	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	
Uranium, Total	(U-Total)	908.1	ug/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<.5		26.9	21.9	7.1	
Det. Limit	0.5000	Det. Limit	1.0000	Det. Limit 1.0000	Det. Limit 1.0000	
Lab Qual.	U	Lab Qual.		Lab Qual.	Lab Qual.	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	
Vanadium	(Va)	7911	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<.05		ND<.05	ND<.05	ND<.05	
Det. Limit	0.0500	Det. Limit	0.0500	Det. Limit 0.0500	Det. Limit 0.0500	
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual. U	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	
Vanadium, (Dissd.)	(Va dis)	7911	mg/L			
	#2051 DN		#2821 DN	#3069 DN	#3821 DN	
	ND<.05		ND<.05	ND<.05	ND<.05	
Det. Limit	0.0500	Det. Limit	0.0500	Det. Limit 0.0500	Det. Limit 0.0500	
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual. U	
Val Qual.	NV	Val Qual.	NV	Val Qual. NV	Val Qual. NV	

0257

521

1993 RCRA Annual Report Sampling Results
Sample Date of 01/07/93

Parameter	Code	Method	Units	#2051 DN	#2821 DN	#3069 DN	#3821 DN
Vinyl chloride	(VC)	8240	ug/L	ND<5	ND<5	ND<5	ND<5
Det. Limit				5.0000	5.0000	5.0000	5.0000
Lab Qual.				U	U	U	U
Val Qual.				NV	NV	NV	NV
Zinc	(Zn)	7950	mg/L	ND<.02	.028	ND<.02	.036
Det. Limit				0.0200	0.0200	0.0200	0.0200
Lab Qual.				U		U	
Val Qual.				NV	NV	NV	NV
Zinc, (Dissd.)	(Zn dis)	7950	mg/L	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U
Val Qual.				NV	NV	NV	NV
pH	(pH F)	9040	SU	7.04	7.4	7.52	7.42
Det. Limit				None	None	None	None
Lab Qual.							
Val Qual.				NV	NV	NV	NV
trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U
Val Qual.				NV	NV	NV	NV

52172

1993 RCRA Annual Report Sampling Results
Sample Date of 01/11/93

Parameter	Code	Method	Units					
Water elevation	(None)		Feet					
	#2064 DN		#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	519.47		520.44	484.72	519.4	517.92	519.36
Det. Limit	None		None	None	None	None	None
Lab Qual.							
Val Qual.							
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L				
	#2064 DN		#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<1		ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000		1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	NV		NV	NV	NV	NV	NV
1,1-Dichloroethane	(1,1DCE)	8240	ug/L				
	#2064 DN		#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<1		ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000		1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	NV		NV	NV	NV	NV	NV
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L				
	#2064 DN		#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<1		ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000		1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	NV		NV	NV	NV	NV	NV
1,2-Dichloroethane	(1,2DCE)	8240	ug/L				
	#2064 DN		#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<1		ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000		1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	NV		NV	NV	NV	NV	NV
Acetone	(Acetone)	8240	ug/L				
	#2064 DN		#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	NV		NV	NV	NV	NV	NV

0269

52117

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5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/11/93

Parameter	Code	Method	Units					
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	252000	278000	246000	230000	315000	286000
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Aluminum	(Al)	7020	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Aluminum, (Dissd.)	(Al dis)	7020	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Arsenic	(As)	7061	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Arsenic, (Dissd.)	(As dis)	7061	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Barium	(Ba)	7080	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	.22	ND<.2	ND<.2	.23	.25	.38
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.		U	U			
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/11/93

Parameter	Code	Method	Units	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
Barium, (Dissd.)	(Ba dis)	7080	mg/L	ND<.2	ND<.2	ND<.2	ND<.2	.26	.46
Det. Limit				0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.				U	U	U	U		
Val Qual.				NV	NV	NV	NV	NV	NV
Benzene	(Benzene)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Beryllium	(Be)	7090	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Beryllium, (Dissd.)	(Be dis)	7090	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Cadmium	(Cd)	7131	mg/L	ND<.001	ND<.001	ND<.001	ND<.001	.0012	ND<.001
Det. Limit				0.0010	0.0010	0.0010	0.0010	0.0050*	0.0010
Lab Qual.				U	U	U	U		U
Val Qual.				NV	NV	NV	NV	NV	NV
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit				0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/11/93

Parameter	Code	Method	Units	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
Calcium	(Ca)	7040	mg/L	159	169	96	94	139	119
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Calcium, (Dissd.)	(Ca dis)	7040	mg/L	159	168	99	97	143	124
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Carbon disulfide	(CS2)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Chloride	(Chloride)	9252	mg/L	23	62	26	24	44	53
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Chloroform	(Chlorofm)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Chromium	(Cr)	7191	mg/L	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit				0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/11/93

Parameter	Code	Method	Units					
Cobalt	(Co)	7201	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Cobalt, (Dissd.)	(Co dis)	7201	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Copper	(Cu)	7210	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Copper, (Dissd.)	(Cu dis)	7210	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Fluoride	(Flrd)	340.2	ug/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	150	290	160	170	150	260
Det. Limit	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Gross Alpha	(Alpha)	900.0	pCi/l					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	1	8.3	11.1	1.7	2.3	3.8
Det. Limit	4.0000*	4.0000	4.0000	4.0000*	4.0000*	4.0000*
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

5217

Parameter	Code	Method	Units					
Gross Beta	(Beta)	900.0	pCi/l					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.4	662	6.9	ND<.2	1.1	1.2
Det. Limit	0.4000	4.0000	4.0000	0.2000	4.0000*	4.0000*
Lab Qual.	U			U		
Val Qual.	NV	NV	NV	NV	NV	NV
Iron	(Fe)	7380	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	6.93	ND<.1	2.41	2.45	6.76	5.13
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.		U				
Val Qual.	NV	NV	NV	NV	NV	NV
Iron, (Dissd.)	(Fe dis)	7380	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	3.3	ND<.1	2.45	2.38	6.67	4.57
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.		U				
Val Qual.	NV	NV	NV	NV	NV	NV
Lead	(Pb)	7421	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Lead, (Dissd.)	(Pb dis)	7421	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Magnesium	(Mg)	7450	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	31	34.9	23.5	25.6	37.3	34.5
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/11/93

Parameter	Code	Method	Units	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
Magnesium, (Dissd.)	(Mg dis)	7450	mg/L	31.2	34.9	27.3	24.8	36.7	34.2
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Manganese	(Mn)	7460	mg/L	.513	.403	.498	.228	.489	.198
Det. Limit				0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Manganese, (Dissd.)	(Mn dis)	7460	mg/L	.462	.39	.508	.228	.484	.207
Det. Limit				0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Mercury	(Hg)	7470	mg/L	ND<.0002	ND<.0002	ND<.002	ND<.0002	ND<.0002	ND<.0002
Det. Limit				0.0002	0.0002	0.0020	0.0002	0.0002	0.0002
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Mercury, (Dissd.)	(Hg dis)	7470	mg/L	ND<.0002	ND<.0002	ND<.002	ND<.0002	ND<.0002	ND<.0002
Det. Limit				0.0002	0.0002	0.0020	0.0002	0.0002	0.0002
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Methylene chloride	(MeCl)	8240	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/11/93

Parameter	Code	Method	Units					
Nickel	(Ni)	249.2	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Nickel, (Dissd.)	(Ni dis)	249.2	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Phenols	(Phen)	9065	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Radium-226	(Ra-226)	903.1	pCi/l					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	.5	1.2	.1	.8	.1	.4
Det. Limit	1.0000*	1.0000	1.0000*	1.0000*	1.0000*	1.0000*
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Radium-228	(Ra-228)	904.0	pCi/l					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.3	ND<.3	ND<.3	.1	ND<.3	1.3
Det. Limit	0.3000	0.3000	0.3000	3.0000*	0.3000	3.0000*
Lab Qual.	U	U	U		U	
Val Qual.	NV	NV	NV	NV	NV	NV
Selenium	(Se)	7741	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/11/93

Parameter	Code	Method	Units					
Selenium, (Dissd.)	(Se dis)	7741	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Silver	(Ag)	272.1	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Silver, (Dissd.)	(Ag dis)	272.1	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Sodium	(Na)	273.1	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	12	43	10.2	10.2	26	27
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Specific Conductivity	(Cond)	9050	umhos/cm					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	992	1280	707	678	1010	595
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Sulfate	(SO4)	9038	mg/L					
	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
	345	169	99	93	173	126
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

5217

0278

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/11/93

Parameter	Code	Method	Units	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
Tetrachloroethene	(TetCEthy)	8240	ug/L						
				ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Toluene	(Toluen)	8240	ug/L						
				ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Trichloroethene	(TCE)	8240	ug/L						
				ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Uranium, Total	(U-Total)	908.1	ug/L						
				1.9	16.2	17.7	2.5	1.8	1.2
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Vanadium	(Va)	7911	mg/L						
				ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit				0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Vanadium, (Dissd.)	(Va dis)	7911	mg/L						
				ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit				0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/11/93

Parameter	Code	Method	Units	#2064 DN	#2648 DN	#3001 DN	#3064 DN	#4001 DN	#4064 DN
Vinyl chloride	(VC)	8240	ug/L	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
			Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
			Lab Qual.	U	U	U	U	U	U
			Val Qual.	NV	NV	NV	NV	NV	NV
Zinc	(Zn)	7950	mg/L	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
			Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
			Lab Qual.	U	U	U	U	U	U
			Val Qual.	NV	NV	NV	NV	NV	NV
Zinc, (Dissd.)	(Zn dis)	7950	mg/L	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
			Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
			Lab Qual.	U	U	U	U	U	U
			Val Qual.	NV	NV	NV	NV	NV	NV
pH	(pH F)	9040	SU	7.23	7.31	7.49	7.49	7.41	7.5
			Det. Limit	None	None	None	None	None	None
			Lab Qual.						
			Val Qual.	NV	NV	NV	NV	NV	NV
trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
			Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
			Lab Qual.	U	U	U	U	U	U
			Val Qual.	NV	NV	NV	NV	NV	NV

0219

5217

0280

52112

Parameter	Code	Method	Units					
Water elevation	(None)		Feet					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN	
	576.29	578.99	573.54	520.04	519.55	520.64	518.89	
Det. Limit	None	None	None	None	None	None	None	
Lab Qual.								
Val Qual.								
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN	
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
1,1-Dichloroethane	(1,1DCE)	8240	ug/L					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN	
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN		
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1		
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		

Parameter	Code	Method	Units					
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L					
#3421 DN								
ND<1								
Det. Limit 1.0000								
Lab Qual. U								
Val Qual. NV								
1,2-Dichloroethane	(1,2DCE)	8240	ug/L					
#1027 DN	#1064 DN			#1643 DN	#2027 DN	#2421 DN	#2643 DN	
ND<1	ND<1			ND<1	ND<1	ND<1	ND<1	
Det. Limit 1.0000	Det. Limit 1.0000			Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000	
Lab Qual. U	Lab Qual. U			Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U	
Val Qual. NV	Val Qual. NV			Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV	
#3421 DN								
ND<1								
Det. Limit 1.0000								
Lab Qual. U								
Val Qual. NV								
Acetone	(Acetone)	8240	ug/L					
#1027 DN	#1064 DN			#1643 DN	#2027 DN	#2421 DN	#2643 DN	
ND<10	ND<10			ND<10	ND<10	ND<10	ND<10	
Det. Limit 10.0000	Det. Limit 10.0000			Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000	
Lab Qual. U	Lab Qual. U			Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U	
Val Qual. NV	Val Qual. NV			Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV	
#3421 DN								
ND<10								
Det. Limit 10.0000								
Lab Qual. U								
Val Qual. NV								
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L					
#1027 DN	#1064 DN			#1643 DN	#2027 DN	#2421 DN	#2643 DN	
286000	366000			366000	398000	240000	260000	
Det. Limit None	Det. Limit None			Det. Limit None	Det. Limit None	Det. Limit None	Det. Limit None	
Lab Qual.	Lab Qual.			Lab Qual.	Lab Qual.	Lab Qual.	Lab Qual.	
Val Qual. NV	Val Qual. NV			Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV	
#3421 DN								
305000								
Det. Limit None								
Lab Qual.								
Val Qual. NV								

0282

Parameter	Code	Method	Units
Aluminum	(Al)	7020	mg/L
Aluminum, (Dissd.)	(Al dis)	7020	mg/L
Arsenic	(As)	7061	mg/L
Arsenic, (Dissd.)	(As dis)	7061	mg/L

Parameter	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
Aluminum	ND<.2	ND<.2	1.11	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U		U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Aluminum, (Dissd.)	ND<.2	ND<.2	ND<20	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	20.0000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Arsenic	.0099	ND<.005	.0105	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0100*	0.0050	0.0100	0.0050	0.0050	0.0050	0.0050
Lab Qual.		U		U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Arsenic, (Dissd.)	.0083	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0100*	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.		U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units
Arsenic, (Dissd.)	(As dis)	7061	mg/L
Barium	(Ba)	7080	mg/L
Barium, (Dissd.)	(Ba dis)	7080	mg/L
Benzene	(Benzene)	8240	ug/L

Parameter	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
Arsenic, (Dissd.)	ND<.005						
Det. Limit	0.0050						
Lab Qual.	U						
Val Qual.	NV						
Barium	ND<.2	.21	ND<20	.25	ND<.2	ND<.2	.23
Det. Limit	0.2000	0.2000	20.0000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U		U		U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Barium, (Dissd.)	ND<.2	ND<.2	ND<20	.21	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	20.0000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U	U	U		U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Benzene	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units
Beryllium	(Be)	7090	mg/L
Beryllium, (Dissd.)	(Be dis)	7090	mg/L
Cadmium	(Cd)	7131	mg/L
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
Beryllium	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Beryllium, (Dissd.)	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Cadmium	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Cadmium, (Dissd.)	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units										
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L										
	#3421 DN												
	ND<.001												
Det. Limit	0.0010												
Lab Qual.	U												
Val Qual.	NV												
Calcium	(Ca)	7040	mg/L										
	#1027 DN			#1064 DN		#1643 DN		#2027 DN		#2421 DN		#2643 DN	
	79			93		147		270		118		161	
Det. Limit	5.0000			5.0000		5.0000		5.0000		5.0000		5.0000	
Lab Qual.													
Val Qual.	NV			NV		NV		NV		NV		NV	
	#3421 DN												
	217												
Det. Limit	5.0000												
Lab Qual.													
Val Qual.	NV												
Calcium, (Dissd.)	(Ca dis)	7040	mg/L										
	#1027 DN			#1064 DN		#1643 DN		#2027 DN		#2421 DN		#2643 DN	
	82			98		147		262		131		164	
Det. Limit	5.0000			5.0000		5.0000		5.0000		5.0000		5.0000	
Lab Qual.													
Val Qual.	NV			NV		NV		NV		NV		NV	
	#3421 DN												
	220												
Det. Limit	5.0000												
Lab Qual.													
Val Qual.	NV												
Carbon disulfide	(CS2)	8240	ug/L										
	#1027 DN			#1064 DN		#1643 DN		#2027 DN		#2421 DN		#2643 DN	
	ND<1			ND<1		ND<1		ND<1		ND<1		ND<1	
Det. Limit	1.0000			1.0000		1.0000		1.0000		1.0000		1.0000	
Lab Qual.	U			U		U		U		U		U	
Val Qual.	NV			NV		NV		NV		NV		NV	
	#3421 DN												
	ND<1												
Det. Limit	1.0000												
Lab Qual.	U												
Val Qual.	NV												

02885

5217

Parameter	Code	Method	Units	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
Chloride	(Chloride)	9252	mg/L	7	5	80	119	26	138	52
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.										
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Chloroform	(Chlorofm)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Chromium	(Cr)	7191	mg/L	ND<.002	.0026	.0046	ND<.002	ND<.002	.0021	ND<.002
Det. Limit				0.0020	0.0100*	0.0100*	0.0020	0.0020	0.0100*	0.0020
Lab Qual.				U			U	U		U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Cobalt	(Co)	7201	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	
Lab Qual.				U	U	U	U	U	U	
Val Qual.				NV	NV	NV	NV	NV	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units
Cobalt	(Co)	7201	mg/L

	#3421 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

Cobalt, (Dissd.)	(Co dis)	7201	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3421 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

Copper	(Cu)	7210	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3421 DN
	ND<.02
Det. Limit	0.0200
Lab Qual.	U
Val Qual.	NV

Copper, (Dissd.)	(Cu dis)	7210	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3421 DN
	ND<.02
Det. Limit	0.0200
Lab Qual.	U
Val Qual.	NV

5217

0288

Parameter	Code	Method	Units
Fluoride	(Flrd)	340.2	ug/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	760	700	980	300	50	280	130
Det. Limit	100.0000	100.0000	100.0000	100.0000	100.0000*	100.0000	100.0000
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Gross Alpha	(Alpha)	900.0	pCi/l

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	64.4	4	51.5	11.8	2.4	4.3	2.1
Det. Limit	4.0000	4.0000	4.0000	4.0000	4.0000*	4.0000	4.0000*
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Gross Beta	(Beta)	900.0	pCi/l

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	101	2.9	42.5	17.5	ND<.3	115	ND<.6
Det. Limit	4.0000	4.0000*	4.0000	4.0000	0.3000	4.0000	0.6000
Lab Qual.					U		U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Iron	(Fe)	7380	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	.94	.13	2.06	29.9	2.57	ND<.1
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						U
Val Qual.	NV	NV	NV	NV	NV	NV

5212

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units					
Iron	(Fe)	7380	mg/L					
	#3421 DN							
	11.6							
Det. Limit	0.1000							
Lab Qual.								
Val Qual.	NV							
Iron, (Dissd.)	(Fe dis)	7380	mg/L					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN		
	.73	ND<.1	.32	5.31	2.35	ND<.1		
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000		
Lab Qual.		U				U		
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3421 DN							
	12.3							
Det. Limit	0.1000							
Lab Qual.								
Val Qual.	NV							
Lead	(Pb)	7421	mg/L					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN		
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003		
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3421 DN							
	ND<.003							
Det. Limit	0.0030							
Lab Qual.	U							
Val Qual.	NV							
Lead, (Dissd.)	(Pb dis)	7421	mg/L					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN		
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003		
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3421 DN							
	ND<.003							
Det. Limit	0.0030							
Lab Qual.	U							
Val Qual.	NV							

0030

5217

0290

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units
Magnesium	(Mg)	7450	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	37.5	59.4	75.6	65.2	28.3	76.3
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3421 DN
	52.2
Det. Limit	5.0000
Lab Qual.	
Val Qual.	NV

Magnesium, (Dissd.)	(Mg dis)	7450	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	38.5	60.2	76.6	65.2	28.8	77.8
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3421 DN
	53.8
Det. Limit	5.0000
Lab Qual.	
Val Qual.	NV

Manganese	(Mn)	7460	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	.104	ND<.015	.044	.807	.222	.355
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.		U				
Val Qual.	NV	NV	NV	NV	NV	NV

	#3421 DN
	.563
Det. Limit	0.0150
Lab Qual.	
Val Qual.	NV

Manganese, (Dissd.)	(Mn dis)	7460	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	.108	ND<.015	.023	.742	.223	.358
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.		U				
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units
Manganese, (Dissd.)	(Mn dis)	7460	mg/L

	#3421 DN
	.572
Det. Limit	0.0150
Lab Qual.	
Val Qual.	NV

Mercury	(Hg)	7470	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0020
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3421 DN
	ND<.0002
Det. Limit	0.0002
Lab Qual.	U
Val Qual.	NV

Mercury, (Dissd.)	(Hg dis)	7470	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0020
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3421 DN
	ND<.0002
Det. Limit	0.0002
Lab Qual.	U
Val Qual.	NV

Methylene chloride	(MeCl)	8240	ug/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3421 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	NV

0291

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units					
Nickel	(Ni)	249.2	mg/L					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN	
	ND<.01	ND<.01	.019	ND<.01	ND<.01	ND<.01	ND<.01	
Det. Limit	0.0100	0.0100	0.0400*	0.0100	0.0100	0.0100	0.0100	
Lab Qual.	U	U		U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Nickel, (Dissd.)	(Ni dis)	249.2	mg/L					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN	
	ND<.01	ND<.01	.01	ND<.01	ND<.01	.013	ND<.01	
Det. Limit	0.0100	0.0100	0.0400*	0.0100	0.0100	0.0400*	0.0100	
Lab Qual.	U	U		U	U		U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Phenols	(Phen)	9065	mg/L					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN	
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Radium-226	(Ra-226)	903.1	pCi/l					
	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN		
	.9	.4	.5	1.6	.9	1.1		
Det. Limit	1.0000*	1.0000*	1.0000*	1.0000	1.0000*	1.0000		
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV		

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units
Radium-226	(Ra-226)	903.1	pCi/l
Radium-228	(Ra-228)	904.0	pCi/l
Selenium	(Se)	7741	mg/L
Selenium, (Dissd.)	(Se dis)	7741	mg/L

	#3421 DN	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	.8	ND<.4	ND<.4	2.2	ND<.4	ND<.4	1
Det. Limit	1.0000*	0.4000	0.4000	3.0000*	0.4000	0.4000	3.0000*
Lab Qual.		U	U		U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV

	#3421 DN	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	.8	ND<.4	ND<.4	2.2	ND<.4	ND<.4	1
Det. Limit	3.0000*	0.4000	0.4000	3.0000*	0.4000	0.4000	3.0000*
Lab Qual.		U	U		U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV

	#3421 DN	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

	#3421 DN	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

	#3421 DN	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

02/18/94

5217

Parameter	Code	Method	Units
Silver	(Ag)	272.1	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Silver, (Dissd.)	(Ag dis)	272.1	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Sodium	(Na)	273.1	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2421 DN	#2643 DN	#3421 DN
	15	20	40	12	61	50
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

Sodium, (Dissd.)	(Na dis)	273.1	mg/L

	#2027 DN
	42
Det. Limit	5.0000
Lab Qual.	
Val Qual.	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units
Specific Conductivity	(Cond)	9050	umhos/cm

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	770	908	1190	1740	821	1880	1230
Det. Limit	None	None	None	None	None	None	None
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Parameter	Code	Method	Units
Sulfate	(SO4)	9038	mg/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	125	130	213	597	153	201	308
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Parameter	Code	Method	Units
Tetrachloroethene	(TetCEthy)	8240	ug/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Parameter	Code	Method	Units
Toluene	(Toluen)	8240	ug/L

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units
Toluene	(Toluen)	8240	ug/L
Trichloroethene	(TCE)	8240	ug/L
Uranium, Total	(U-Total)	908.1	ug/L
Vanadium	(Va)	7911	mg/L

Toluene

	#3421 DN
	ND<1
Det. Limit	1.0000
Lab Qual.	U
Val Qual.	NV

Trichloroethene

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	ND<1	ND<1	ND<1	ND<1000	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1000.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Uranium, Total

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	354	9.4	125	12.9	3.8	5.4	ND<.5
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.5000
Lab Qual.							U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Vanadium

	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/12/93

Parameter	Code	Method	Units	#1027 DN	#1064 DN	#1643 DN	#2027 DN	#2421 DN	#2643 DN	#3421 DN
Vanadium, (Dissd.)	(Va dis)	7911	mg/L							
				ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit				0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Vinyl chloride	(VC)	8240	ug/L							
				ND<5	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Zinc	(Zn)	7950	mg/L							
				ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Zinc, (Dissd.)	(Zn dis)	7950	mg/L							
				ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV

Parameter	Code	Method	Units
Zinc, (Dissd.)	(Zn dis)	7950	mg/L

	#3421 DN
	ND<.02
Det. Limit	0.0200
Lab Qual.	U
Val Qual.	NV

pH		(pH F)	9040	SU
	#1027 DN	#1064 DN	#1643 DN	#2027 DN
	7.41	7.49	7.39	6.93
Det. Limit	None	None	None	None
Lab Qual.				
Val Qual.	NV	NV	NV	NV

	#2421 DN	#2643 DN	#3421 DN
	7.26	7.25	7.1
Det. Limit	None	None	None
Lab Qual.			
Val Qual.	NV	NV	NV

trans-1,2-Dichloroethene		(TranDCEE)	8240	ug/L
	#1027 DN	#1064 DN	#1643 DN	#2027 DN
	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U
Val Qual.	NV	NV	NV	NV

	#2421 DN	#2643 DN	#3421 DN
	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/13/93

Parameter	Code	Method	Units					
Water elevation	(None)		Feet					
	#1024 UP		#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	576.73		553.9	520.62	521.53	527.61	520.43
Det. Limit	None		None	None	None	None	None
Lab Qual.							
Val Qual.							
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L				
	#1024 UP		#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<1		ND<1	ND<1	10.2	ND<1	ND<1
Det. Limit	1.0000		1.0000	1.0000	10.0000	1.0000	1.0000
Lab Qual.	U		U	U		U	U
Val Qual.	NV		NV	NV	NV	NV	NV
1,1-Dichloroethane	(1,1DCE)	8240	ug/L				
	#1024 UP		#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<1		ND<1	ND<1	3.4	ND<1	ND<1
Det. Limit	1.0000		1.0000	1.0000	10.0000*	1.0000	1.0000
Lab Qual.	U		U	U		U	U
Val Qual.	NV		NV	NV	NV	NV	NV
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L				
	#1024 UP		#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<1		ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000		1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	NV		NV	NV	NV	NV	NV
1,2-Dichloroethane	(1,2DCE)	8240	ug/L				
	#1024 UP		#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<1		ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000		1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	NV		NV	NV	NV	NV	NV
Acetone	(Acetone)	8240	ug/L				
	#1024 UP		#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	NV		NV	NV	NV	NV	NV

0639

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/13/93

Parameter	Code	Method	Units	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L	366000	163000	315000	242000	276000	315000
Det. Limit				None	None	None	None	None	None
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Aluminum	(Al)	7020	mg/L	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit				0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Aluminum, (Dissd.)	(Al dis)	7020	mg/L	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2
Det. Limit				0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Arsenic	(As)	7061	mg/L	.0061	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0100*	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.					U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Arsenic, (Dissd.)	(As dis)	7061	mg/L	.006	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0100*	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.					U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Barium	(Ba)	7080	mg/L	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	.23
Det. Limit				0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.				U	U	U	U	U	
Val Qual.				NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/13/93

Parameter	Code	Method	Units	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
Barium, (Dissd.)	(Ba dis)	7080	mg/L	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	.22
Det. Limit				0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.				U	U	U	U	U	
Val Qual.				NV	NV	NV	NV	NV	NV
Benzene	(Benzene)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Beryllium	(Be)	7090	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Beryllium, (Dissd.)	(Be dis)	7090	mg/L	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Cadmium	(Cd)	7131	mg/L	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit				0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit				0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV

0302

1993 RCRA Annual Report Sampling Results
Sample Date of 01/13/93

Parameter	Code	Method	Units	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
Calcium	(Ca)	7040	mg/L						
				93	227	168	279	111	156
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Calcium, (Dissd.)	(Ca dis)	7040	mg/L						
				96	212	142	279	112	155
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Carbon disulfide	(CS2)	8240	ug/L						
				ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Chloride	(Chloride)	9252	mg/L						
				4	878	25	307	34	20
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Chloroform	(Chlorofm)	8240	ug/L						
				ND<1	ND<1	ND<1	1.1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	10.0000*	1.0000	1.0000
Lab Qual.				U	U	U		U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Chromium	(Cr)	7191	mg/L						
				ND<.002	.35	ND<.002	.0311	.0027	ND<.002
Det. Limit				0.0020	0.0100	0.0020	0.0100	0.0100*	0.0020
Lab Qual.				U		U			U
Val Qual.				NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/13/93

Parameter	Code	Method	Units	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
Cobalt	(Co)	7201	mg/L	ND<.005	.0146	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0500*	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U		U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Cobalt, (Dissd.)	(Co dis)	7201	mg/L	ND<.005	.0053	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0500*	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U		U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Copper	(Cu)	7210	mg/L	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Copper, (Dissd.)	(Cu dis)	7210	mg/L	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Fluoride	(Flrd)	340.2	ug/L	1170	2950	470	4510	310	460
Det. Limit				100.0000	100.0000	100.0000	100.0000	100.0000	100.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Gross Alpha	(Alpha)	900.0	pCi/l	1.3	8.3	4	ND<1.7	24.6	.9
Det. Limit				4.0000*	4.0000	4.0000	1.7000	4.0000	4.0000*
Lab Qual.							U		
Val Qual.				NV	NV	NV	NV	NV	NV

0303

5217

0304

1993 RCRA Annual Report Sampling Results
Sample Date of 01/13/93

Parameter	Code	Method	Units	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
Gross Beta	(Beta)	900.0	pCi/l	2.7	99.9	4.1	568	47.1	ND<.4
Det. Limit				4.0000*	4.0000	4.0000	4.0000	4.0000	0.4000
Lab Qual.									U
Val Qual.				NV	NV	NV	NV	NV	NV
Iron	(Fe)	7380	mg/L	1.97	3.07	5.82	.16	.21	11.9
Det. Limit				0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Iron, (Dissd.)	(Fe dis)	7380	mg/L	1.77	.29	4.12	ND<.1	ND<.1	5.47
Det. Limit				0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.							U	U	
Val Qual.				NV	NV	NV	NV	NV	NV
Lead	(Pb)	7421	mg/L	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit				0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Lead, (Dissd.)	(Pb dis)	7421	mg/L	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit				0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Magnesium	(Mg)	7450	mg/L	45.8	17.7	32.3	46.7	27.2	35.1
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/13/93

Parameter	Code	Method	Units	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
Magnesium, (Dissd.)	(Mg dis)	7450	mg/L	45.9	17.3	31.4	46.4	27.1	34.8
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Manganese	(Mn)	7460	mg/L	.06	.098	.493	ND<.015	ND<.015	.216
Det. Limit				0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.							U	U	
Val Qual.				NV	NV	NV	NV	NV	NV
Manganese, (Dissd.)	(Mn dis)	7460	mg/L	.054	.04	.469	ND<.015	ND<.015	.202
Det. Limit				0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.							U	U	
Val Qual.				NV	NV	NV	NV	NV	NV
Mercury	(Hg)	7470	mg/L	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit				0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Mercury, (Dissd.)	(Hg dis)	7470	mg/L	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit				0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Methylene chloride	(MeCl)	8240	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV

52117

1993 RCRA Annual Report Sampling Results
Sample Date of 01/13/93

Parameter	Code	Method	Units	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
Nickel	(Ni)	249.2	mg/L						
				ND<.01	.28	ND<.01	.046	ND<.01	ND<.01
Det. Limit				0.0100	0.0400	0.0100	0.0400	0.0100	0.0100
Lab Qual.				U		U		U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Nickel, (Dissd.)	(Ni dis)	249.2	mg/L						
				ND<.01	.136	ND<.01	.048	ND<.01	ND<.01
Det. Limit				0.0100	0.0400	0.0100	0.0400	0.0100	0.0100
Lab Qual.				U		U		U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Phenols	(Phen)	9065	mg/L						
				ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit				0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV
Radium-226	(Ra-226)	903.1	pCi/l						
				.4	5	.6	.5	.5	1.2
Det. Limit				1.0000*	1.0000	1.0000*	1.0000*	1.0000*	1.0000
Lab Qual.									
Val Qual.				NV	NV	NV	NV	NV	NV
Radium-228	(Ra-228)	904.0	pCi/l						
				2.2	1.5	1	1	ND<.3	1.9
Det. Limit				3.0000*	3.0000*	3.0000*	3.0000*	0.3000	3.0000*
Lab Qual.								U	
Val Qual.				NV	NV	NV	NV	NV	NV
Selenium	(Se)	7741	mg/L						
				ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/13/93

Parameter	Code	Method	Units					
Selenium, (Dissd.)	(Se dis)	7741	mg/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Silver	(Ag)	272.1	mg/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Silver, (Dissd.)	(Ag dis)	272.1	mg/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Sodium	(Na)	273.1	mg/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	11.2	190	10.8	92	17	10.5
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Specific Conductivity	(Cond)	9050	umhos/cm					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	792	3710	1060	2420	841	1010
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV
Sulfate	(SO4)	9038	mg/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	64	305	288	179	91	250
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

5217

0307

Parameter	Code	Method	Units					
Tetrachloroethene	(TetCEthy)	8240	ug/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<1	166	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	10.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U		U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Toluene	(Toluen)	8240	ug/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Trichloroethene	(TCE)	8240	ug/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<1	268	ND<1	ND<114	ND<1	ND<1
Det. Limit	1.0000	10.0000	1.0000	114.0000	1.0000	1.0000
Lab Qual.	U		U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Uranium, Total	(U-Total)	908.1	ug/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	.5	9.4	6.4	6.4	75.3	ND<.5
Det. Limit	1.0000*	1.0000	1.0000	1.0000	1.0000	0.5000
Lab Qual.						U
Val Qual.	NV	NV	NV	NV	NV	NV
Vanadium	(Va)	7911	mg/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV
Vanadium, (Dissd.)	(Va dis)	7911	mg/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN
	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/13/93

Parameter	Code	Method	Units					
Vinyl chloride	(VC)	8240	ug/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN		
	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5		
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
Zinc	(Zn)	7950	mg/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN		
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02		
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
Zinc, (Dissd.)	(Zn dis)	7950	mg/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN		
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02		
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
pH	(pH F)	9040	SU					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN		
	7.25	9.14	6.98	7.11	7.31	7.16		
Det. Limit	None	None	None	None	None	None		
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV		
trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L					
	#1024 UP	#1031 DN	#2024 DN	#2649 DN	#2822 DN	#3024 DN		
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1		
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		

0309

5217

0310

Parameter	Code	Method	Units		
Water elevation	(None)		Feet		
#1229 DN	#2055 DN				
572	520.2				
Det. Limit None	Det. Limit None				
Lab Qual.	Lab Qual.				
Val Qual.	Val Qual.				
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L		
#1229 DN	#2055 DN			#2055 DN Dup.	
ND<1	ND<1			ND<1	
Det. Limit 1.0000	Det. Limit 1.0000			Det. Limit 1.0000	
Lab Qual. U	Lab Qual. U			Lab Qual. U	
Val Qual. NV	Val Qual. NV			Val Qual. NV	
1,1-Dichloroethane	(1,1DCE)	8240	ug/L		
#1229 DN	#2055 DN			#2055 DN Dup.	
ND<1	ND<1			ND<1	
Det. Limit 1.0000	Det. Limit 1.0000			Det. Limit 1.0000	
Lab Qual. U	Lab Qual. U			Lab Qual. U	
Val Qual. NV	Val Qual. NV			Val Qual. NV	
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L		
#1229 DN	#2055 DN			#2055 DN Dup.	
ND<1	ND<1			ND<1	
Det. Limit 1.0000	Det. Limit 1.0000			Det. Limit 1.0000	
Lab Qual. U	Lab Qual. U			Lab Qual. U	
Val Qual. NV	Val Qual. NV			Val Qual. NV	
1,2-Dichloroethane	(1,2DCE)	8240	ug/L		
#1229 DN	#2055 DN			#2055 DN Dup.	
ND<1	ND<1			ND<1	
Det. Limit 1.0000	Det. Limit 1.0000			Det. Limit 1.0000	
Lab Qual. U	Lab Qual. U			Lab Qual. U	
Val Qual. NV	Val Qual. NV			Val Qual. NV	
Acetone	(Acetone)	8240	ug/L		
#1229 DN	#2055 DN			#2055 DN Dup.	
ND<10	ND<10			ND<10	
Det. Limit 10.0000	Det. Limit 10.0000			Det. Limit 10.0000	
Lab Qual. U	Lab Qual. U			Lab Qual. U	
Val Qual. NV	Val Qual. NV			Val Qual. NV	

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/14/93

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	355000	217000	213000
Det. Limit	None	None	None
Lab Qual.			
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Aluminum	(Al)	7020	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	25.5	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000
Lab Qual.		U	U
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Aluminum, (Dissd.)	(Al dis)	7020	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Arsenic	(As)	7061	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	.0228	ND<.005	ND<.005
Det. Limit	0.0100	0.0050	0.0050
Lab Qual.		U	U
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Arsenic, (Dissd.)	(As dis)	7061	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Barium	(Ba)	7080	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	.26	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000
Lab Qual.		U	U
Val Qual.	NV	NV	NV

0311

5217

Parameter	Code	Method	Units
Barium, (Dissd.)	(Ba dis)	7080	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<.2	ND<.2	ND<.2
Det. Limit 0.2000	Det. Limit 0.2000	Det. Limit 0.2000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Benzene	(Benzene)	8240	ug/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Beryllium	(Be)	7090	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<.005	ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Beryllium, (Dissd.)	(Be dis)	7090	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<.005	ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Cadmium	(Cd)	7131	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<.001	ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Cadmium, (Dissd.)	(Cd dis)	7131	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<.001	ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/14/93

Parameter	Code	Method	Units
Calcium	(Ca)	7040	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	299	115	116
Det. Limit	5.0000	5.0000	5.0000
Lab Qual.			
Val Qual.	NV	NV	NV

Calcium, (Dissd.) (Ca dis) 7040 mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	103	117	119
Det. Limit	5.0000	5.0000	5.0000
Lab Qual.			
Val Qual.	NV	NV	NV

Carbon disulfide (CS2) 8240 ug/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Chloride (Chloride) 9252 mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	20	42	38
Det. Limit	1.0000	1.0000	1.0000
Lab Qual.			
Val Qual.	NV	NV	NV

Chloroform (Chlorofm) 8240 ug/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Chromium (Cr) 7191 mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	.0383	ND<.002	ND<.002
Det. Limit	0.0100	0.0020	0.0020
Lab Qual.			
Val Qual.	NV	NV	NV

0313

5217

Parameter	Code	Method	Units
Cobalt	(Co)	7201	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
.0185	ND<.005	ND<.005
Det. Limit 0.0500*	Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual.	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Cobalt, (Dissd.)	(Co dis)	7201	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<.005	ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Copper	(Cu)	7210	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
.082	ND<.02	ND<.02
Det. Limit 0.0250	Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual.	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Copper, (Dissd.)	(Cu dis)	7210	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<.02	ND<.02	ND<.02
Det. Limit 0.0200	Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Fluoride	(Flrd)	340.2	ug/L

#1229 DN	#2055 DN	#2055 DN Dup.
660	170	170
Det. Limit 100.0000	Det. Limit 100.0000	Det. Limit 100.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Gross Alpha	(Alpha)	900.0	pCi/l

#1229 DN	#2055 DN	#2055 DN Dup.
22.6	ND<.7	ND<.7
Det. Limit 4.0000	Det. Limit 0.7000	Det. Limit 0.7000
Lab Qual.	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/14/93

Parameter	Code	Method	Units
Gross Beta	(Beta)	900.0	pCi/l

	#1229 DN	#2055 DN	#2055 DN Dup.
	ND<1.6	6.7	5.5
Det. Limit	1.6000	4.0000	4.0000
Lab Qual.	U		
Val Qual.	NV	NV	NV

Iron	(Fe)	7380	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	59.2	2.3	2.28
Det. Limit	0.1000	0.1000	0.1000
Lab Qual.			
Val Qual.	NV	NV	NV

Iron, (Dissd.)	(Fe dis)	7380	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	.12	2	1.87
Det. Limit	0.1000	0.1000	0.1000
Lab Qual.			
Val Qual.	NV	NV	NV

Lead	(Pb)	7421	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	.0241	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030
Lab Qual.		U	U
Val Qual.	NV	NV	NV

Lead, (Dissd.)	(Pb dis)	7421	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Magnesium	(Mg)	7450	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	136	27.6	27
Det. Limit	5.0000	5.0000	5.0000
Lab Qual.			
Val Qual.	NV	NV	NV

0315

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/14/93

Parameter	Code	Method	Units			
Magnesium, (Dissd.)	(Mg dis)	7450	mg/L			
#1229 DN	#2055 DN		#2055 DN Dup.			
87.7	27.6		27.9			
Det. Limit 5.0000	Det. Limit 5.0000		Det. Limit 5.0000			
Lab Qual.	Lab Qual.		Lab Qual.			
Val Qual. NV	Val Qual. NV		Val Qual. NV			
Manganese	(Mn)	7460	mg/L			
#1229 DN	#2055 DN		#2055 DN Dup.			
1.69	.204		.2			
Det. Limit 0.0150	Det. Limit 0.0150		Det. Limit 0.0150			
Lab Qual.	Lab Qual.		Lab Qual.			
Val Qual. NV	Val Qual. NV		Val Qual. NV			
Manganese, (Dissd.)	(Mn dis)	7460	mg/L			
#1229 DN	#2055 DN		#2055 DN Dup.			
ND<.015	.198		.192			
Det. Limit 0.0150	Det. Limit 0.0150		Det. Limit 0.0150			
Lab Qual. U	Lab Qual.		Lab Qual.			
Val Qual. NV	Val Qual. NV		Val Qual. NV			
Mercury	(Hg)	7470	mg/L			
#1229 DN	#2055 DN		#2055 DN Dup.			
ND<.0002	ND<.0002		ND<.0002			
Det. Limit 0.0002	Det. Limit 0.0002		Det. Limit 0.0002			
Lab Qual. U	Lab Qual. U		Lab Qual. U			
Val Qual. NV	Val Qual. NV		Val Qual. NV			
Mercury, (Dissd.)	(Hg dis)	7470	mg/L			
#1229 DN	#2055 DN		#2055 DN Dup.			
ND<.0002	ND<.0002		ND<.0002			
Det. Limit 0.0002	Det. Limit 0.0002		Det. Limit 0.0002			
Lab Qual. U	Lab Qual. U		Lab Qual. U			
Val Qual. NV	Val Qual. NV		Val Qual. NV			
Methylene chloride	(MeCl)	8240	ug/L			
#1229 DN	#2055 DN		#2055 DN Dup.			
ND<10	ND<10		ND<10			
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000			
Lab Qual. U	Lab Qual. U		Lab Qual. U			
Val Qual. NV	Val Qual. NV		Val Qual. NV			

5212

Parameter	Code	Method	Units
Nickel	(Ni)	249.2	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	.06	ND<.01	ND<.01
Det. Limit	0.0400	0.0100	0.0100
Lab Qual.		U	U
Val Qual.	NV	NV	NV

Nickel, (Dissd.)	(Ni dis)	249.2	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Phenols	(Phen)	9065	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Radium-226	(Ra-226)	903.1	pCi/l

	#1229 DN	#2055 DN	#2055 DN Dup.
	5.8	.5	1.2
Det. Limit	1.0000	1.0000*	1.0000
Lab Qual.			
Val Qual.	NV	NV	NV

Radium-228	(Ra-228)	904.0	pCi/l

	#1229 DN	#2055 DN	#2055 DN Dup.
	2.1	.8	.6
Det. Limit	3.0000*	3.0000*	3.0000*
Lab Qual.			
Val Qual.	NV	NV	NV

Selenium	(Se)	7741	mg/L

	#1229 DN	#2055 DN	#2055 DN Dup.
	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

03

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/14/93

Parameter	Code	Method	Units			
Selenium, (Dissd.)	(Se dis)	7741	mg/L			
#1229 DN	#2055 DN			#2055 DN Dup.		
ND<.005	ND<.005			ND<.005		
Det. Limit	0.0050	Det. Limit	0.0050	Det. Limit	0.0050	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Silver	(Ag)	272.1	mg/L			
#1229 DN	#2055 DN			#2055 DN Dup.		
.0034	ND<.001			ND<.001		
Det. Limit	0.0100*	Det. Limit	0.0010	Det. Limit	0.0010	
Lab Qual.		Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Silver, (Dissd.)	(Ag dis)	272.1	mg/L			
#1229 DN	#2055 DN			#2055 DN Dup.		
ND<.001	ND<.001			ND<.001		
Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Sodium	(Na)	273.1	mg/L			
#1229 DN	#2055 DN			#2055 DN Dup.		
17	14			13.8		
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Specific Conductivity	(Cond)	9050	umhos/cm			
#1229 DN	#2055 DN			#2055 DN Dup.		
1130	817			850		
Det. Limit	None	Det. Limit	None	Det. Limit	None	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Sulfate	(SO4)	9038	mg/L			
#1229 DN	#2055 DN			#2055 DN Dup.		
229	160			144		
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	

Parameter	Code	Method	Units
Tetrachloroethene	(TetCEthy)	8240	ug/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Toluene	(Toluen)	8240	ug/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Trichloroethene	(TCE)	8240	ug/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Uranium, Total	(U-Total)	908.1	ug/L

#1229 DN	#2055 DN	#2055 DN Dup.
20.5	.5	ND<.5
Det. Limit 1.0000	Det. Limit 1.0000*	Det. Limit 0.5000
Lab Qual.	Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Vanadium	(Va)	7911	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
.067	ND<.05	ND<.05
Det. Limit 0.0500	Det. Limit 0.0500	Det. Limit 0.0500
Lab Qual.	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Vanadium, (Dissd.)	(Va dis)	7911	mg/L

#1229 DN	#2055 DN	#2055 DN Dup.
ND<.05	ND<.05	ND<.05
Det. Limit 0.0500	Det. Limit 0.0500	Det. Limit 0.0500
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

0319

5217

Parameter	Code	Method	Units			
Vinyl chloride	(VC)	8240	ug/L			
#1229 DN	#2055 DN			#2055 DN Dup.		
ND<5	ND<5			ND<5		
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Zinc	(Zn)	7950	mg/L			
#1229 DN	#2055 DN			#2055 DN Dup.		
.172	ND<.02			ND<.02		
Det. Limit	0.0200	Det. Limit	0.0200	Det. Limit	0.0200	
Lab Qual.		Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Zinc, (Dissd.)	(Zn dis)	7950	mg/L			
#1229 DN	#2055 DN			#2055 DN Dup.		
ND<.02	ND<.02			ND<.02		
Det. Limit	0.0200	Det. Limit	0.0200	Det. Limit	0.0200	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
pH	(pH F)	9040	SU			
#1229 DN	#2055 DN			#2055 DN Dup.		
7.3	7.02			6.98		
Det. Limit	None	Det. Limit	None	Det. Limit	None	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L			
#1229 DN	#2055 DN			#2055 DN Dup.		
ND<1	ND<1			ND<1		
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/18/93

Parameter	Code	Method	Units					
Water elevation	(None)		Feet					
	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN	#4010 DN	
	575.97	521.4	521.35	520.12	519.71	520.34	520.21	
Det. Limit	None	None	None	None	None	None	None	
Lab Qual.								
Val Qual.								
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L					
	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN	#3010 DN Dup.	#4010 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV	NV
1,1-Dichloroethane	(1,1DCE)	8240	ug/L					
	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN	#3010 DN Dup.	#4010 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV	NV
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L					
	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN		
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1		
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		

5217

0320

Parameter	Code	Method	Units
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L

	#3010 DN Dup.	#4010 DN
	ND<1	ND<1
Det. Limit	1.0000	1.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Parameter	Code	Method	Units
1,2-Dichloroethane	(1,2DCE)	8240	ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<1	ND<1
Det. Limit	1.0000	1.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Parameter	Code	Method	Units
Acetone	(Acetone)	8240	ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<10	ND<10
Det. Limit	10.0000	10.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	398000	422000	290000	260000	332000	307000
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	292000	327000
Det. Limit	None	None
Lab Qual.		
Val Qual.	NV	NV

0322

52172

1993 RCRA Annual Report Sampling Results
Sample Date of 01/18/93

Parameter	Code	Method	Units
Aluminum	(Al)	7020	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	.38	ND<.2	ND<.2	ND<.2	ND<.02	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.0200	0.2000
Lab Qual.		U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.2	ND<.2
Det. Limit	0.2000	0.2000
Lab Qual.	U	U
Val Qual.	NV	NV

Aluminum, (Dissd.)	(Al dis)	7020	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.2	ND<.2	ND<.02	ND<.2	ND<.02	ND<.2
Det. Limit	0.2000	0.2000	0.0200	0.2000	0.0200	0.2000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.2	ND<.2
Det. Limit	0.2000	0.2000
Lab Qual.	U	U
Val Qual.	NV	NV

Arsenic	(As)	7061	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	.0113	ND<.005	.012	.0078	ND<.005	ND<.005
Det. Limit	0.0100	0.0050	0.0100	0.0100*	0.0050	0.0050
Lab Qual.		U			U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.005	ND<.005
Det. Limit	0.0050	0.0050
Lab Qual.	U	U
Val Qual.	NV	NV

Arsenic, (Dissd.)	(As dis)	7061	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.005	ND<.005	.0123	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0100	0.0050	0.0050	0.0050
Lab Qual.	U	U		U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

0323

5217

Parameter	Code	Method	Units
Arsenic, (Dissd.)	(As dis)	7061	mg/L
Barium	(Ba)	7080	mg/L
Barium, (Dissd.)	(Ba dis)	7080	mg/L
Benzene	(Benzene)	8240	ug/L

Parameter	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN	#3010 DN Dup.	#4010 DN
Arsenic, (Dissd.)							ND<.005	ND<.005
Det. Limit							0.0050	0.0050
Lab Qual.							U	U
Val Qual.							NV	NV
Barium	ND<.2	.31	.34	ND<.2	ND<.2	ND<.2	ND<.2	.52
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U			U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	NV
Barium, (Dissd.)	ND<.2	.28	.31	ND<.2	ND<.2	ND<.2	ND<.2	.46
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.	U			U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	NV
Benzene	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/18/93

Parameter	Code	Method	Units
Beryllium	(Be)	7090	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.005	ND<.005
Det. Limit	0.0050	0.0050
Lab Qual.	U	U
Val Qual.	NV	NV

Beryllium, (Dissd.)	(Be dis)	7090	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.005	ND<.005
Det. Limit	0.0050	0.0050
Lab Qual.	U	U
Val Qual.	NV	NV

Cadmium	(Cd)	7131	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.001	ND<.001
Det. Limit	0.0010	0.0010
Lab Qual.	U	U
Val Qual.	NV	NV

Cadmium, (Dissd.)	(Cd dis)	7131	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

0320

5217

0326

Parameter	Code	Method	Units
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L

#3010 DN Dup.	#4010 DN
ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Calcium (Ca) 7040 mg/L

#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
109	130	86	151	193	263
Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.	Lab Qual.	Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV

#3010 DN Dup.	#4010 DN
268	108
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Calcium, (Dissd.) (Ca dis) 7040 mg/L

#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
99	118	88	135	178	245
Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.	Lab Qual.	Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV

#3010 DN Dup.	#4010 DN
239	89
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Carbon disulfide (CS2) 8240 ug/L

#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV	Val Qual. NV

#3010 DN Dup.	#4010 DN
ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

5212

1993 RCRA Annual Report Sampling Results
Sample Date of 01/18/93

Parameter	Code	Method	Units
Chloride	(Chloride)	9252	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	21	56	19	39	21	77
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	78	30
Det. Limit	1.0000	1.0000
Lab Qual.		
Val Qual.	NV	NV

Chloroform	(Chlorofm)	8240	ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<1	ND<1
Det. Limit	1.0000	1.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Chromium	(Cr)	7191	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	.0022	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit	0.0100*	0.0020	0.0020	0.0020	0.0020	0.0020
Lab Qual.		U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.002	ND<.002
Det. Limit	0.0020	0.0020
Lab Qual.	U	U
Val Qual.	NV	NV

Cobalt	(Co)	7201	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

0327

5217

Parameter	Code	Method	Units
Cobalt	(Co)	7201	mg/L
Cobalt, (Dissd.)	(Co dis)	7201	mg/L
Copper	(Cu)	7210	mg/L
Copper, (Dissd.)	(Cu dis)	7210	mg/L

Parameter	#3010 DN Dup.	#4010 DN	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
Cobalt	ND<.005	ND<.005						
Det. Limit	0.0050	0.0050						
Lab Qual.	U	U						
Val Qual.	NV	NV						
Cobalt, (Dissd.)			ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit			0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.			U	U	U	U	U	U
Val Qual.			NV	NV	NV	NV	NV	NV
Copper			ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit			0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.			U	U	U	U	U	U
Val Qual.			NV	NV	NV	NV	NV	NV
Copper, (Dissd.)			ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit			0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.			U	U	U	U	U	U
Val Qual.			NV	NV	NV	NV	NV	NV

Parameter	#3010 DN Dup.	#4010 DN
Cobalt	ND<.005	ND<.005
Det. Limit	0.0050	0.0050
Lab Qual.	U	U
Val Qual.	NV	NV
Copper	ND<.02	ND<.02
Det. Limit	0.0200	0.0200
Lab Qual.	U	U
Val Qual.	NV	NV
Copper, (Dissd.)	ND<.02	ND<.02
Det. Limit	0.0200	0.0200
Lab Qual.	U	U
Val Qual.	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/18/93

Parameter	Code	Method	Units
Fluoride	(Flrd)	340.2	ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	700	530	290	130	260	70
Det. Limit	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000*
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	70	530
Det. Limit	100.0000*	100.0000
Lab Qual.		
Val Qual.	NV	NV

Gross Alpha	(Alpha)	900.0	pCi/l

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	3.9	.5	.8	6.2	5.4	9.4
Det. Limit	4.0000*	4.0000*	4.0000*	4.0000	4.0000	4.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	10.1	.9
Det. Limit	4.0000	4.0000*
Lab Qual.		
Val Qual.	NV	NV

Gross Beta	(Beta)	900.0	pCi/l

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	9.4	ND<.3	ND<.2	2.2	ND<.3	24.1
Det. Limit	4.0000	0.3000	0.2000	4.0000*	0.3000	4.0000
Lab Qual.		U	U		U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	12.9	2.9
Det. Limit	4.0000	4.0000*
Lab Qual.		
Val Qual.	NV	NV

Iron	(Fe)	7380	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	.42	1.4	4.06	19.4	4.21	1.82
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

5217

Parameter	Code	Method	Units
Iron	(Fe)	7380	mg/L

	#3010 DN Dup.	#4010 DN
	1.86	3.68
Det. Limit	0.1000	0.1000
Lab Qual.		
Val Qual.	NV	NV

Iron, (Dissd.)	(Fe dis)	7380	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	.18	1.3	4.15	8.72	2.79	1.56
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	1.61	ND<.1
Det. Limit	0.1000	0.1000
Lab Qual.		U
Val Qual.	NV	NV

Lead	(Pb)	7421	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.003	ND<.003
Det. Limit	0.0030	0.0030
Lab Qual.	U	U
Val Qual.	NV	NV

Lead, (Dissd.)	(Pb dis)	7421	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.003	ND<.003
Det. Limit	0.0030	0.0030
Lab Qual.	U	U
Val Qual.	NV	NV

Parameter	Code	Method	Units
Magnesium	(Mg)	7450	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	59.9	39.1	26.7	33.4	37.9	33.9
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	33.5	34
Det. Limit	5.0000	5.0000
Lab Qual.		
Val Qual.	NV	NV

Magnesium, (Dissd.)	(Mg dis)	7450	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	52.6	33.5	22.8	33.1	32.2	33.5
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	32.6	33.1
Det. Limit	5.0000	5.0000
Lab Qual.		
Val Qual.	NV	NV

Manganese	(Mn)	7460	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.015	.159	.071	.48	.817	2.93
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.	U					
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	2.93	.07
Det. Limit	0.0150	0.0150
Lab Qual.		
Val Qual.	NV	NV

Manganese, (Dissd.)	(Mn dis)	7460	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.015	.16	.072	.44	.735	2.8
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.	U					
Val Qual.	NV	NV	NV	NV	NV	NV

Parameter	Code	Method	Units
Manganese, (Dissd.)	(Mn dis)	7460	mg/L
Mercury	(Hg)	7470	mg/L
Mercury, (Dissd.)	(Hg dis)	7470	mg/L
Methylene chloride	(MeCl)	8240	ug/L

Sample	Manganese, (Dissd.)	Mercury	Mercury, (Dissd.)	Methylene chloride
#3010 DN Dup.	2.76	ND<.0002	ND<.0002	ND<10
#4010 DN	.062	ND<.0002	ND<.0002	ND<10
Det. Limit	0.0150	0.0002	0.0002	10.0000
Lab Qual.		U	U	U
Val Qual.	NV	NV	NV	NV

Sample	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
Mercury	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Mercury, (Dissd.)	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Methylene chloride	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	0.0002 / 10.0000	0.0002 / 10.0000	0.0002 / 10.0000	0.0002 / 10.0000	0.0002 / 10.0000	0.0002 / 10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

Sample	#3010 DN Dup.	#4010 DN
Mercury	ND<.0002	ND<.0002
Mercury, (Dissd.)	ND<.0002	ND<.0002
Methylene chloride	ND<10	ND<10
Det. Limit	0.0002 / 10.0000	0.0002 / 10.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Parameter	Code	Method	Units
Nickel	(Ni)	249.2	mg/L
Nickel, (Dissd.)	(Ni dis)	249.2	mg/L
Phenols	(Phen)	9065	mg/L
Radium-226	(Ra-226)	903.1	pCi/l

Nickel

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.01	ND<.01
Det. Limit	0.0100	0.0100
Lab Qual.	U	U
Val Qual.	NV	NV

Nickel, (Dissd.)

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.01	ND<.01
Det. Limit	0.0100	0.0100
Lab Qual.	U	U
Val Qual.	NV	NV

Phenols

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.005	ND<.005
Det. Limit	0.0050	0.0050
Lab Qual.	U	U
Val Qual.	NV	NV

Radium-226

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	.6	1.6	1.1	.8	1.1	.8
Det. Limit	1.0000*	1.0000	1.0000	1.0000*	1.0000	1.0000*
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

5217

0333

Parameter	Code	Method	Units
Radium-226	(Ra-226)	903.1	pCi/l

	#3010 DN Dup.	#4010 DN
	.6	1.1
Det. Limit	1.0000*	1.0000
Lab Qual.		
Val Qual.	NV	NV

Radium-228 (Ra-228) 904.0 pCi/l

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	2.2	1.4	1.2	ND<.3	1	3.1
Det. Limit	3.0000*	3.0000*	3.0000*	0.3000	3.0000*	3.0000
Lab Qual.				U		
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.4	.7
Det. Limit	0.4000	3.0000*
Lab Qual.	U	
Val Qual.	NV	NV

Selenium (Se) 7741 mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.005	ND<.005
Det. Limit	0.0050	0.0050
Lab Qual.	U	U
Val Qual.	NV	NV

Selenium, (Dissd.) (Se dis) 7741 mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.005	ND<.005
Det. Limit	0.0050	0.0050
Lab Qual.	U	U
Val Qual.	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/18/93

Parameter	Code	Method	Units					
Silver	(Ag)	272.1	mg/L					
	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN	#3010 DN Dup.	#4010 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV	NV
Silver, (Dissd.)	(Ag dis)	272.1	mg/L					
	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN	#3010 DN Dup.	#4010 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV	NV
Sodium	(Na)	273.1	mg/L					
	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN	#3010 DN Dup.	#4010 DN
	40	39	14	16	14	58	57	29
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV	NV	NV
Specific Conductivity	(Cond)	9050	umhos/cm					
	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN	#3010 DN Dup.	#4010 DN
	1070	1040	688	978	1140	1650	1650	1650
Det. Limit	None	None	None	None	None	None	None	None
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV	NV	NV

5217

0336

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/18/93

Parameter	Code	Method	Units
Specific Conductivity	(Cond)	9050	umhos/cm

	#3010 DN Dup.	#4010 DN
	1660	853
Det. Limit	None	None
Lab Qual.		
Val Qual.	NV	NV

Sulfate	(SO4)	9038	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	129	64	5	197	275	588
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	513	86
Det. Limit	1.0000	1.0000
Lab Qual.		
Val Qual.	NV	NV

Tetrachloroethene	(TetCEthy)	8240	ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<1	ND<1
Det. Limit	1.0000	1.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Toluene	(Toluen)	8240	ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<1	ND<1
Det. Limit	1.0000	1.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Parameter	Code	Method	Units
Trichloroethene	(TCE)	8240	ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<1	ND<1
Det. Limit	1.0000	1.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Uranium, Total	(U-Total)	908.1	ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	2.9	ND<.5	.3	7.6	9.6	14.7
Det. Limit	1.0000	0.5000	1.0000*	1.0000	1.0000	1.0000
Lab Qual.		U				
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	17.6	ND<.5
Det. Limit	1.0000	0.5000
Lab Qual.		U
Val Qual.	NV	NV

Vanadium	(Va)	7911	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.05	ND<.05
Det. Limit	0.0500	0.0500
Lab Qual.	U	U
Val Qual.	NV	NV

Vanadium, (Dissd.)	(Va dis)	7911	mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

0331

5217

0338

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/18/93

Parameter	Code	Method	Units
Vanadium, (Dissd.)	(Va dis)	7911	mg/L

	#3010 DN Dup.	#4010 DN
	ND<.05	ND<.05
Det. Limit	0.0500	0.0500
Lab Qual.	U	U
Val Qual.	NV	NV

Vinyl chloride (VC) 8240 ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<5	ND<5
Det. Limit	5.0000	5.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Zinc (Zn) 7950 mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.02	.022	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U		U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.02	ND<.02
Det. Limit	0.0200	0.0200
Lab Qual.	U	U
Val Qual.	NV	NV

Zinc, (Dissd.) (Zn dis) 7950 mg/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<.02	ND<.02
Det. Limit	0.0200	0.0200
Lab Qual.	U	U
Val Qual.	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/18/93

Parameter	Code	Method	Units
pH	(pH F)	9040	SU

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	7.22	7.26	6.94	7.29	6.94	7.03
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	6.94	7.6
Det. Limit	None	None
Lab Qual.		
Val Qual.	NV	NV

trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L

	#1052 UP	#2043 UP	#3043 UP	#2010 DN	#2052 DN	#3010 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3010 DN Dup.	#4010 DN
	ND<1	ND<1
Det. Limit	1.0000	1.0000
Lab Qual.	U	U
Val Qual.	NV	NV

0339

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/19/93

Parameter	Code	Method	Units
Water elevation	(None)		Feet
#1008 DN	#2008 DN		
572.58	520.9		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual.	Val Qual.		
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L
#1008 DN	#2008 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
1,1-Dichloroethane	(1,1DCE)	8240	ug/L
#1008 DN	#2008 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L
#1008 DN	#2008 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
1,2-Dichloroethane	(1,2DCE)	8240	ug/L
#1008 DN	#2008 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Acetone	(Acetone)	8240	ug/L
#1008 DN	#2008 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

52127

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L
#1008 DN	#2008 DN		
319000	225000		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Aluminum	(Al)	7020	mg/L
#1008 DN	#2008 DN		
.38	ND<.2		
Det. Limit 0.2000	Det. Limit 0.2000		
Lab Qual.	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Aluminum, (Dissd.)	(Al dis)	7020	mg/L
#1008 DN	#2008 DN		
ND<.2	ND<.2		
Det. Limit 0.2000	Det. Limit 0.2000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Arsenic	(As)	7061	mg/L
#1008 DN	#2008 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Arsenic, (Dissd.)	(As dis)	7061	mg/L
#1008 DN	#2008 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Barium	(Ba)	7080	mg/L
#1008 DN	#2008 DN		
.5	ND<.2		
Det. Limit 0.2000	Det. Limit 0.2000		
Lab Qual.	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

0341

5217

Parameter	Code	Method	Units
Barium, (Dissd.)	(Ba dis)	7080	mg/L
#1008 DN	#2008 DN		
.45	ND<.2		
Det. Limit 0.2000	Det. Limit 0.2000		
Lab Qual.	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Benzene	(Benzene)	8240	ug/L
#1008 DN	#2008 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Beryllium	(Be)	7090	mg/L
#1008 DN	#2008 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Beryllium, (Dissd.)	(Be dis)	7090	mg/L
#1008 DN	#2008 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Cadmium	(Cd)	7131	mg/L
#1008 DN	#2008 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L
#1008 DN	#2008 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

Parameter	Code	Method	Units
Calcium	(Ca)	7040	mg/L

#1008 DN	#2008 DN
89	ND<84
Det. Limit 5.0000	Det. Limit 84.0000
Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV

Calcium, (Dissd.)	(Ca dis)	7040	mg/L

#1008 DN	#2008 DN
86	ND<88
Det. Limit 5.0000	Det. Limit 88.0000
Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV

Carbon disulfide	(CS2)	8240	ug/L

#1008 DN	#2008 DN
ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Chloride	(Chloride)	9252	mg/L

#1008 DN	#2008 DN
18	34
Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Chloroform	(Chlorofm)	8240	ug/L

#1008 DN	#2008 DN
ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Chromium	(Cr)	7191	mg/L

#1008 DN	#2008 DN
.0059	.0032
Det. Limit 0.0100*	Det. Limit 0.0100*
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

5217

0343

Parameter	Code	Method	Units
Cobalt	(Co)	7201	mg/L

#1008 DN	#2008 DN
ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Cobalt, (Dissd.)	(Co dis)	7201	mg/L

#1008 DN	#2008 DN
ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Copper	(Cu)	7210	mg/L

#1008 DN	#2008 DN
ND<.02	ND<.02
Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Copper, (Dissd.)	(Cu dis)	7210	mg/L

#1008 DN	#2008 DN
ND<.02	ND<.02
Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Fluoride	(Flrd)	340.2	ug/L

#1008 DN	#2008 DN
770	230
Det. Limit 100.0000	Det. Limit 100.0000
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Gross Alpha	(Alpha)	900.0	pCi/l

#1008 DN	#2008 DN
1.1	4.2
Det. Limit 4.0000*	Det. Limit 4.0000
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Parameter	Code	Method	Units
Gross Beta	(Beta)	900.0	pCi/l

#1008 DN	#2008 DN
4.1	8
Det. Limit 4.0000	Det. Limit 4.0000
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Parameter	Code	Method	Units
Iron	(Fe)	7380	mg/L

#1008 DN	#2008 DN
.85	ND<.1
Det. Limit 0.1000	Det. Limit 0.1000
Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV

Parameter	Code	Method	Units
Iron, (Dissd.)	(Fe dis)	7380	mg/L

#1008 DN	#2008 DN
ND<.1	ND<.1
Det. Limit 0.1000	Det. Limit 0.1000
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Parameter	Code	Method	Units
Lead	(Pb)	7421	mg/L

#1008 DN	#2008 DN
ND<.003	ND<.003
Det. Limit 0.0030	Det. Limit 0.0030
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Parameter	Code	Method	Units
Lead, (Dissd.)	(Pb dis)	7421	mg/L

#1008 DN	#2008 DN
ND<.003	ND<.003
Det. Limit 0.0030	Det. Limit 0.0030
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Parameter	Code	Method	Units
Magnesium	(Mg)	7450	mg/L

#1008 DN	#2008 DN
39	23.2
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

5217

0346

Parameter	Code	Method	Units
Magnesium, (Dissd.)	(Mg dis)	7450	mg/L
#1008 DN	#2008 DN		
33	23.4		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Manganese	(Mn)	7460	mg/L
#1008 DN	#2008 DN		
.067	ND<.015		
Det. Limit 0.0150	Det. Limit 0.0150		
Lab Qual.	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Manganese, (Dissd.)	(Mn dis)	7460	mg/L
#1008 DN	#2008 DN		
.018	ND<.015		
Det. Limit 0.0150	Det. Limit 0.0150		
Lab Qual.	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Mercury	(Hg)	7470	mg/L
#1008 DN	#2008 DN		
ND<.0002	ND<.0002		
Det. Limit 0.0002	Det. Limit 0.0002		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Mercury, (Dissd.)	(Hg dis)	7470	mg/L
#1008 DN	#2008 DN		
ND<.0002	ND<.0002		
Det. Limit 0.0002	Det. Limit 0.0002		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Methylene chloride	(MeCl)	8240	ug/L
#1008 DN	#2008 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

5212

Parameter	Code	Method	Units
Nickel	(Ni)	249.2	mg/L
#1008 DN	#2008 DN		
ND<.01	ND<.01		
Det. Limit 0.0100	Det. Limit 0.0100		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Nickel, (Dissd.)	(Ni dis)	249.2	mg/L
#1008 DN	#2008 DN		
ND<.01	ND<.01		
Det. Limit 0.0100	Det. Limit 0.0100		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Phenols	(Phen)	9065	mg/L
#1008 DN	#2008 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Radium-226	(Ra-226)	903.1	pCi/l
#1008 DN	#2008 DN		
.8	.4		
Det. Limit 1.0000*	Det. Limit 1.0000*		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Radium-228	(Ra-228)	904.0	pCi/l
#1008 DN	#2008 DN		
ND<.4	.6		
Det. Limit 0.4000	Det. Limit 3.0000*		
Lab Qual. U	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Selenium	(Se)	7741	mg/L
#1008 DN	#2008 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

1993 RCRA Annual Report Sampling Results
Sample Date of 01/19/93

Parameter	Code	Method	Units
Selenium, (Dissd.)	(Se dis)	7741	mg/L
#1008 DN	#2008 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Silver	(Ag)	272.1	mg/L
#1008 DN	#2008 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Silver, (Dissd.)	(Ag dis)	272.1	mg/L
#1008 DN	#2008 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Sodium	(Na)	273.1	mg/L
#1008 DN	#2008 DN		
10	17		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Specific Conductivity	(Cond)	9050	umhos/cm
#1008 DN	#2008 DN		
747	718		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Sulfate	(SO4)	9038	mg/L
#1008 DN	#2008 DN		
35	74		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		

52172

Parameter	Code	Method	Units
Tetrachloroethene	(TetCEthy)	8240	ug/L
#1008 DN	#2008 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Toluene	(Toluen)	8240	ug/L
#1008 DN	#2008 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Trichloroethene	(TCE)	8240	ug/L
#1008 DN	#2008 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Uranium, Total	(U-Total)	908.1	ug/L
#1008 DN	#2008 DN		
1.2	18.7		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Vanadium	(Va)	7911	mg/L
#1008 DN	#2008 DN		
ND<.05	ND<.05		
Det. Limit 0.0500	Det. Limit 0.0500		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Vanadium, (Dissd.)	(Va dis)	7911	mg/L
#1008 DN	#2008 DN		
ND<.05	ND<.05		
Det. Limit 0.0500	Det. Limit 0.0500		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

0349

5217

Parameter	Code	Method	Units
Vinyl chloride	(VC)	8240	ug/L

#1008 DN	#2008 DN
ND<5	ND<5
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Zinc	(Zn)	7950	mg/L

#1008 DN	#2008 DN
ND<.02	ND<.02
Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Zinc, (Dissd.)	(Zn dis)	7950	mg/L

#1008 DN	#2008 DN
ND<.02	ND<.02
Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

pH	(pH F)	9040	SU

#1008 DN	#2008 DN
7.41	7.44
Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L

#1008 DN	#2008 DN
ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Parameter	Code	Method	Units
Water elevation	(None)		Feet

#1042 DN	#1074 DN	#3055 DN
572.35	558.41	520.57
Det. Limit None	Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual.	Val Qual.	Val Qual.

1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L

#1042 DN	#1074 DN	#3055 DN
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

1,1-Dichloroethane	(1,1DCE)	8240	ug/L

#1042 DN	#1074 DN	#3055 DN
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L

#1042 DN	#1074 DN	#3055 DN
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

1,2-Dichloroethane	(1,2DCE)	8240	ug/L

#1042 DN	#1074 DN	#3055 DN
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Acetone	(Acetone)	8240	ug/L

#1042 DN	#1074 DN	#3055 DN
ND<10	ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

5217

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

	#1042 DN	#1074 DN	#3055 DN
	382000	321000	209000
Det. Limit	None	None	None
Lab Qual.			
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Aluminum	(Al)	7020	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Aluminum, (Dissd.)	(Al dis)	7020	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.2	ND<.2	ND<.2
Det. Limit	0.2000	0.2000	0.2000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Arsenic	(As)	7061	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Arsenic, (Dissd.)	(As dis)	7061	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Barium	(Ba)	7080	mg/L

	#1042 DN	#1074 DN	#3055 DN
	.26	.02	.27
Det. Limit	0.2000	0.2000*	0.2000
Lab Qual.			
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Barium, (Dissd.)	(Ba dis)	7080	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.2	ND<.02	ND<.2
Det. Limit	0.2000	0.0200	0.2000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Benzene	(Benzene)	8240	ug/L

	#1042 DN	#1074 DN	#3055 DN
	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Beryllium	(Be)	7090	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Beryllium, (Dissd.)	(Be dis)	7090	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Cadmium	(Cd)	7131	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Cadmium, (Dissd.)	(Cd dis)	7131	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

0353

5217

Parameter	Code	Method	Units
Calcium	(Ca)	7040	mg/L

	#1042 DN	#1074 DN	#3055 DN
	128	124	156
Det. Limit	5.0000	5.0000	5.0000
Lab Qual.			
Val Qual.	NV	NV	NV

Calcium, (Dissd.)	(Ca dis)	7040	mg/L

	#1042 DN	#1074 DN	#3055 DN
	138	129	171
Det. Limit	5.0000	5.0000	5.0000
Lab Qual.			
Val Qual.	NV	NV	NV

Carbon disulfide	(CS2)	8240	ug/L

	#1042 DN	#1074 DN	#3055 DN
	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Chloride	(Chloride)	9252	mg/L

	#1042 DN	#1074 DN	#3055 DN
	90	153	31
Det. Limit	1.0000	1.0000	1.0000
Lab Qual.			
Val Qual.	NV	NV	NV

Chloroform	(Chlorofm)	8240	ug/L

	#1042 DN	#1074 DN	#3055 DN
	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Chromium	(Cr)	7191	mg/L

	#1042 DN	#1074 DN	#3055 DN
	.0067	.05	ND<.002
Det. Limit	0.0100*	0.0100	0.0020
Lab Qual.			
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Cobalt	(Co)	7201	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.005	.0094	ND<.005
Det. Limit	0.0050	0.0500*	0.0050
Lab Qual.	U		U
Val Qual.	NV	NV	NV

Cobalt, (Dissd.)	(Co dis)	7201	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Copper	(Cu)	7210	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.02	.043	ND<.02
Det. Limit	0.0200	0.0250	0.0200
Lab Qual.	U		U
Val Qual.	NV	NV	NV

Copper, (Dissd.)	(Cu dis)	7210	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Fluoride	(Flrd)	340.2	ug/L

	#1042 DN	#1074 DN	#3055 DN
	250	1220	130
Det. Limit	100.0000	100.0000	100.0000
Lab Qual.			
Val Qual.	NV	NV	NV

Gross Alpha	(Alpha)	900.0	pCi/l

	#1042 DN	#1074 DN	#3055 DN
	9.9	2	2
Det. Limit	4.0000	4.0000*	4.0000*
Lab Qual.			
Val Qual.	NV	NV	NV

0355

5217

Parameter	Code	Method	Units
Gross Beta	(Beta)	900.0	pCi/l

#1042 DN	#1074 DN	#3055 DN
6.5	ND<.4	18.5
Det. Limit 4.0000	Det. Limit 0.4000	Det. Limit 4.0000
Lab Qual.	Lab Qual. U	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Iron	(Fe)	7380	mg/L

#1042 DN	#1074 DN	#3055 DN
.34	4.37	7.95
Det. Limit 0.1000	Det. Limit 0.1000	Det. Limit 0.1000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Iron, (Dissd.)	(Fe dis)	7380	mg/L

#1042 DN	#1074 DN	#3055 DN
.16	.73	8.39
Det. Limit 0.1000	Det. Limit 0.1000	Det. Limit 0.1000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Lead	(Pb)	7421	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.003	ND<.003	ND<.003
Det. Limit 0.0030	Det. Limit 0.0030	Det. Limit 0.0030
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Lead, (Dissd.)	(Pb dis)	7421	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.003	ND<.003	ND<.003
Det. Limit 0.0030	Det. Limit 0.0030	Det. Limit 0.0030
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Magnesium	(Mg)	7450	mg/L

#1042 DN	#1074 DN	#3055 DN
59	71.1	35.9
Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Parameter	Code	Method	Units
Magnesium, (Dissd.)	(Mg dis)	7450	mg/L

#1042 DN	#1074 DN	#3055 DN
58.9	71.8	34.8
Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Manganese	(Mn)	7460	mg/L

#1042 DN	#1074 DN	#3055 DN
.069	.028	.355
Det. Limit 0.0150	Det. Limit 0.0150	Det. Limit 0.0150
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Manganese, (Dissd.)	(Mn dis)	7460	mg/L

#1042 DN	#1074 DN	#3055 DN
.069	ND<.015	.368
Det. Limit 0.0150	Det. Limit 0.0150	Det. Limit 0.0150
Lab Qual.	Lab Qual. U	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Mercury	(Hg)	7470	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.0002	ND<.0002	ND<.0002
Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Mercury, (Dissd.)	(Hg dis)	7470	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.0002	ND<.0002	ND<.0002
Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Methylene chloride	(MeCl)	8240	ug/L

#1042 DN	#1074 DN	#3055 DN
ND<10	ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

5217

Parameter	Code	Method	Units
Nickel	(Ni)	249.2	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.01	1.08	ND<.01
Det. Limit 0.0100	Det. Limit 0.0400	Det. Limit 0.0100
Lab Qual. U	Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Nickel, (Dissd.)	(Ni dis)	249.2	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.01	1.08	ND<.01
Det. Limit 0.0100	Det. Limit 0.0400	Det. Limit 0.0100
Lab Qual. U	Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Phenols	(Phen)	9065	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.01	ND<.01	ND<.01
Det. Limit 0.0100	Det. Limit 0.0100	Det. Limit 0.0100
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Radium-226	(Ra-226)	903.1	pCi/l

#1042 DN	#1074 DN	#3055 DN
.3	.3	1.5
Det. Limit 1.0000*	Det. Limit 1.0000*	Det. Limit 1.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Radium-228	(Ra-228)	904.0	pCi/l

#1042 DN	#1074 DN	#3055 DN
ND<.3	ND<.3	.3
Det. Limit 0.3000	Det. Limit 0.3000	Det. Limit 3.0000*
Lab Qual. U	Lab Qual. U	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Selenium	(Se)	7741	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.005	ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/20/93

Parameter	Code	Method	Units
Selenium, (Dissd.)	(Se dis)	7741	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.005	ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Silver	(Ag)	272.1	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.001	ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Silver, (Dissd.)	(Ag dis)	272.1	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.001	ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Sodium	(Na)	273.1	mg/L

#1042 DN	#1074 DN	#3055 DN
27	20	49
Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Specific Conductivity	(Cond)	9050	umhos/cm

#1042 DN	#1074 DN	#3055 DN
1210	1100	921
Det. Limit None	Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Sulfate	(SO4)	9038	mg/L

#1042 DN	#1074 DN	#3055 DN
153	108	190
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

0359

5917

Parameter	Code	Method	Units
Tetrachloroethene	(TetCEthy)	8240	ug/L

#1042 DN	#1074 DN	#3055 DN
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Toluene	(Toluen)	8240	ug/L

#1042 DN	#1074 DN	#3055 DN
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Trichloroethene	(TCE)	8240	ug/L

#1042 DN	#1074 DN	#3055 DN
ND<1	ND<1	ND<1
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Uranium, Total	(U-Total)	908.1	ug/L

#1042 DN	#1074 DN	#3055 DN
33.3	.7	ND<.5
Det. Limit 1.0000	Det. Limit 1.0000*	Det. Limit 0.5000
Lab Qual.	Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Vanadium	(Va)	7911	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.05	ND<.05	ND<.05
Det. Limit 0.0500	Det. Limit 0.0500	Det. Limit 0.0500
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Vanadium, (Dissd.)	(Va dis)	7911	mg/L

#1042 DN	#1074 DN	#3055 DN
ND<.05	ND<.05	ND<.05
Det. Limit 0.0500	Det. Limit 0.0500	Det. Limit 0.0500
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Parameter	Code	Method	Units
Vinyl chloride	(VC)	8240	ug/L

	#1042 DN	#1074 DN	#3055 DN
	ND<5	ND<5	ND<5
Det. Limit	5.0000	5.0000	5.0000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Zinc	(Zn)	7950	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Zinc, (Dissd.)	(Zn dis)	7950	mg/L

	#1042 DN	#1074 DN	#3055 DN
	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

pH	(pH F)	9040	SU

	#1042 DN	#1074 DN	#3055 DN
	7.07	7.26	7.23
Det. Limit	None	None	None
Lab Qual.			
Val Qual.	NV	NV	NV

trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L

	#1042 DN	#1074 DN	#3055 DN
	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

0301

5217

Parameter	Code	Method	Units	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
Water elevation	(None)		Feet	580.79	579.04	579.15	519.64	519.6	520.4	519.65
Det. Limit				None	None	None	None	None	None	None
Lab Qual.										
Val Qual.										
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
1,1-Dichloroethane	(1,1DCE)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/25/93

Parameter	Code	Method	Units					
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L					
	#3037 DN							
	ND<1							
Det. Limit	1.0000							
Lab Qual.	U							
Val Qual.	NV							
1,2-Dichloroethane	(1,2DCE)	8240	ug/L					
	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN		
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1		
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3037 DN							
	ND<1							
Det. Limit	1.0000							
Lab Qual.	U							
Val Qual.	NV							
Acetone	(Acetone)	8240	ug/L					
	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3037 DN							
	ND<10							
Det. Limit	10.0000							
Lab Qual.	U							
Val Qual.	NV							
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L					
	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN		
	392000	402000	435000	284000	288000	264000		
Det. Limit	None	None	None	None	None	None		
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV		
	#3037 DN							
	351000							
Det. Limit	None							
Lab Qual.								
Val Qual.	NV							

0363

5217

Parameter	Code	Method	Units
Aluminum	(Al)	7020	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
	7.11	4.77	3.72	ND<.2	ND<.2	1.31	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.				U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Aluminum, (Dissd.)	(Al dis)	7020	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
	.75	1.94	.78	ND<.2	ND<.2	1.19	ND<.2
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.				U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Arsenic	(As)	7061	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
	.457	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0100	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.		U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Arsenic, (Dissd.)	(As dis)	7061	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	.388	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0100	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.		U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/25/93

Parameter	Code	Method	Units
Arsenic, (Dissd.)	(As dis)	7061	mg/L
Barium	(Ba)	7080	mg/L
Barium, (Dissd.)	(Ba dis)	7080	mg/L
Benzene	(Benzene)	8240	ug/L

Parameter	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
Arsenic, (Dissd.)	ND<.005						
Det. Limit	0.0050						
Lab Qual.	U						
Val Qual.	NV						
Barium	.49	.26	.25	.26	.24	.25	.29
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Barium, (Dissd.)	.41	ND<.2	ND<.2	ND<.2	ND<.2	ND<.2	.22
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000	0.2000
Lab Qual.		U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Benzene	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

5217

Parameter	Code	Method	Units
Beryllium	(Be)	7090	mg/L
Beryllium, (Dissd.)	(Be dis)	7090	mg/L
Cadmium	(Cd)	7131	mg/L
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
Beryllium	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Beryllium, (Dissd.)	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Cadmium	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Cadmium, (Dissd.)	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Parameter	Code	Method	Units
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L

	#3037 DN
	ND<.001
Det. Limit	0.0010
Lab Qual.	U
Val Qual.	NV

Calcium	(Ca)	7040	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	102	166	158	152	127	120
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	262
Det. Limit	5.0000
Lab Qual.	
Val Qual.	NV

Calcium, (Dissd.)	(Ca dis)	7040	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	104	166	157	157	118	115
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	280
Det. Limit	5.0000
Lab Qual.	
Val Qual.	NV

Carbon disulfide	(CS2)	8240	ug/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<1
Det. Limit	1.0000
Lab Qual.	U
Val Qual.	NV

0367

5217

036820

1993 RCRA Annual Report Sampling Results
Sample Date of 01/25/93

Parameter	Code	Method	Units					
Chloride	(Chloride)	9252	mg/L					
	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN	
	834	51	48	22	100	33	37	
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Chloroform	(Chlorofm)	8240	ug/L					
	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN	
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Chromium	(Cr)	7191	mg/L					
	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN	
	.0097	.0078	.008	.0021	.0034	.0068	.0023	
Det. Limit	0.0100*	0.0100*	0.0100*	0.0100*	0.0100*	0.0100*	0.0100*	
Lab Qual.								
Val Qual.	NV	NV	NV	NV	NV	NV	NV	
Cobalt	(Co)	7201	mg/L					
	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN		
	.0143	ND<.005	ND<.005	ND<.005	ND<.005	.0065		
Det. Limit	0.0500*	0.0050	0.0050	0.0050	0.0050	0.0500*		
Lab Qual.		U	U	U	U			
Val Qual.	NV	NV	NV	NV	NV	NV		

1993 RCRA Annual Report Sampling Results
Sample Date of 01/25/93

Parameter	Code	Method	Units
Cobalt	(Co)	7201	mg/L

	#3037 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

Cobalt, (Dissd.)	(Co dis)	7201	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	.0076	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0500*	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.		U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

Copper	(Cu)	7210	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.02
Det. Limit	0.0200
Lab Qual.	U
Val Qual.	NV

Copper, (Dissd.)	(Cu dis)	7210	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.02
Det. Limit	0.0200
Lab Qual.	U
Val Qual.	NV

0369

5217

Parameter	Code	Method	Units	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
Fluoride	(Flrd)	340.2	ug/L	6070	860	900	250	220	230	130
Det. Limit				100.0000	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000
Lab Qual.										
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Gross Alpha	(Alpha)	900.0	pCi/l	59.1	10.9	158	2.8	1.7	1.4	ND<1.5
Det. Limit				4.0000	4.0000	4.0000	4.0000*	4.0000*	4.0000*	1.5000
Lab Qual.										U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Gross Beta	(Beta)	900.0	pCi/l	23	17.9	140	7.3	2.9	1.2	5.8
Det. Limit				4.0000	4.0000	4.0000	4.0000	4.0000*	4.0000*	4.0000
Lab Qual.										
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Iron	(Fe)	7380	mg/L	18.5	3.67	3.35	6.39	2.87	4.01	
Det. Limit				0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	
Lab Qual.										
Val Qual.				NV	NV	NV	NV	NV	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/25/93

Parameter	Code	Method	Units
Iron	(Fe)	7380	mg/L

	#3037 DN
	13.2
Det. Limit	0.1000
Lab Qual.	
Val Qual.	NV

Iron, (Dissd.)	(Fe dis)	7380	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	11.3	1.09	.42	2.65	2.22	1.39
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	12.8
Det. Limit	0.1000
Lab Qual.	
Val Qual.	NV

Lead	(Pb)	7421	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	.0168	ND<.003	ND<.003	ND<.003	ND<.003	.0047
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.		U	U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.003
Det. Limit	0.0030
Lab Qual.	U
Val Qual.	NV

Lead, (Dissd.)	(Pb dis)	7421	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.003
Det. Limit	0.0030
Lab Qual.	U
Val Qual.	NV

0371

5217

0372

1993 RCRA Annual Report Sampling Results
Sample Date of 01/25/93

Parameter	Code	Method	Units
Magnesium	(Mg)	7450	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	64.9	74.2	79.3	30	34.4	35.6
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	55.6
Det. Limit	5.0000
Lab Qual.	
Val Qual.	NV

Magnesium, (Dissd.)	(Mg dis)	7450	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	65.8	77.5	90.2	31.9	35.4	33.8
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	59.3
Det. Limit	5.0000
Lab Qual.	
Val Qual.	NV

Manganese	(Mn)	7460	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	.857	.136	.084	.406	.361	.221
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	.546
Det. Limit	0.0150
Lab Qual.	
Val Qual.	NV

Manganese, (Dissd.)	(Mn dis)	7460	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	.791	.079	.019	.408	.367	.112
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

52172

Parameter	Code	Method	Units
Manganese, (Dissd.)	(Mn dis)	7460	mg/L

	#3037 DN
	.583
Det. Limit	0.0150
Lab Qual.	
Val Qual.	NV

Mercury	(Hg)	7470	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.0002
Det. Limit	0.0002
Lab Qual.	U
Val Qual.	NV

Mercury, (Dissd.)	(Hg dis)	7470	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.0002
Det. Limit	0.0002
Lab Qual.	U
Val Qual.	NV

Methylene chloride	(MeCl)	8240	ug/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	NV

5217

0313

1993 RCRA Annual Report Sampling Results
Sample Date of 01/25/93

Parameter	Code	Method	Units	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
Nickel	(Ni)	249.2	mg/L	.018	.011	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit				0.0400*	0.0400*	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.						U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Nickel, (Dissd.)	(Ni dis)	249.2	mg/L	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit				0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Phenols	(Phen)	9065	mg/L	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit				0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Radium-226	(Ra-226)	903.1	pCi/l	14.5	.6	.2	.3	.3	.5	
Det. Limit				1.0000	1.0000*	1.0000*	1.0000*	1.0000*	1.0000*	
Lab Qual.										
Val Qual.				NV	NV	NV	NV	NV	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 01/25/93

Parameter	Code	Method	Units
Radium-226	(Ra-226)	903.1	pCi/l

	#3037 DN
	1
Det. Limit	1.0000
Lab Qual.	
Val Qual.	NV

Radium-228 (Ra-228) 904.0 pCi/l

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	1.3	1.4	1.2	.7	1.2	.8
Det. Limit	3.0000*	3.0000*	3.0000*	3.0000*	3.0000*	3.0000*
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.4
Det. Limit	0.4000
Lab Qual.	U
Val Qual.	NV

Selenium (Se) 7741 mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

Selenium, (Dissd.) (Se dis) 7741 mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	NV

5217

Parameter	Code	Method	Units
Silver	(Ag)	272.1	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Silver, (Dissd.)	(Ag dis)	272.1	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Sodium	(Na)	273.1	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
	450	18	20	15	8.8	29	62
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Specific Conductivity	(Cond)	9050	umhos/cm

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	3380	1330	1380	1030	914	770
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/25/93

Parameter	Code	Method	Units
Specific Conductivity	(Cond)	9050	umhos/cm

	#3037 DN
	2050
Det. Limit	None
Lab Qual.	
Val Qual.	NV

Sulfate	(SO4)	9038	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	25	313	328	260	166	75
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	488
Det. Limit	1.0000
Lab Qual.	
Val Qual.	NV

Tetrachloroethene	(TetCEthy)	8240	ug/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<1
Det. Limit	1.0000
Lab Qual.	U
Val Qual.	NV

Toluene	(Toluen)	8240	ug/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<1
Det. Limit	1.0000
Lab Qual.	U
Val Qual.	NV

5217

Parameter	Code	Method	Units	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
Trichloroethene	(TCE)	8240	ug/L	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Uranium, Total	(U-Total)	908.1	ug/L	41.2	20.1	508	8.5	4.3	ND<.5	2.1
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	0.5000	1.0000
Lab Qual.									U	
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Vanadium	(Va)	7911	mg/L	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05
Det. Limit				0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	0.0500
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				NV	NV	NV	NV	NV	NV	NV
Vanadium, (Dissd.)	(Va dis)	7911	mg/L	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	ND<.05	
Det. Limit				0.0500	0.0500	0.0500	0.0500	0.0500	0.0500	
Lab Qual.				U	U	U	U	U	U	
Val Qual.				NV	NV	NV	NV	NV	NV	

Parameter	Code	Method	Units
Vanadium, (Dissd.)	(Va dis)	7911	mg/L

	#3037 DN
	ND<.05
Det. Limit	0.0500
Lab Qual.	U
Val Qual.	NV

Vinyl chloride	(VC)	8240	ug/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	ND<5	ND<5	ND<5	ND<5	ND<5	ND<5
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<5
Det. Limit	5.0000
Lab Qual.	U
Val Qual.	NV

Zinc	(Zn)	7950	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	.101	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.		U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.02
Det. Limit	0.0200
Lab Qual.	U
Val Qual.	NV

Zinc, (Dissd.)	(Zn dis)	7950	mg/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN
	.031	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.		U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV

	#3037 DN
	ND<.02
Det. Limit	0.0200
Lab Qual.	U
Val Qual.	NV

5217

000579

1993 RCRA Annual Report Sampling Results
Sample Date of 01/25/93

Parameter	Code	Method	Units
pH	(pH F)	9040	SU

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
	7.12	7.4	7.49	7.16	7.23	7.49	7.01
Det. Limit	None	None	None	None	None	None	None
Lab Qual.							
Val Qual.	NV	NV	NV	NV	NV	NV	NV

Parameter	Code	Method	Units
trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L

	#1644 DN	#1645 DN	#1646 DN	#2037 DN	#2430 DN	#2434 DN	#3037 DN
	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV

52172

Parameter	Code	Method	Units			
Water elevation	(None)		Feet			
#1080 DN	#1276 DN		#4013 DN			
568.66	586.89		519.65			
Det. Limit None	Det. Limit None		Det. Limit None			
Lab Qual.	Lab Qual.		Lab Qual.			
Val Qual.	Val Qual.		Val Qual.			
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L			
#1080 DN	#1276 DN		#4013 DN Dup.			
ND<1	ND<1		ND<1			
Det. Limit 1.0000	Det. Limit 1.0000		Det. Limit 1.0000			
Lab Qual. U	Lab Qual. U		Lab Qual. U			
Val Qual. NV	Val Qual. NV		Val Qual. NV			
1,1-Dichloroethane	(1,1DCE)	8240	ug/L			
#1080 DN	#1276 DN		#4013 DN Dup.			
ND<1	ND<1		ND<1			
Det. Limit 1.0000	Det. Limit 1.0000		Det. Limit 1.0000			
Lab Qual. U	Lab Qual. U		Lab Qual. U			
Val Qual. NV	Val Qual. NV		Val Qual. NV			
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L			
#1080 DN	#1276 DN		#4013 DN Dup.			
ND<1	ND<1		ND<1			
Det. Limit 1.0000	Det. Limit 1.0000		Det. Limit 1.0000			
Lab Qual. U	Lab Qual. U		Lab Qual. U			
Val Qual. NV	Val Qual. NV		Val Qual. NV			
1,2-Dichloroethane	(1,2DCE)	8240	ug/L			
#1080 DN	#1276 DN		#4013 DN Dup.			
ND<1	ND<1		ND<1			
Det. Limit 1.0000	Det. Limit 1.0000		Det. Limit 1.0000			
Lab Qual. U	Lab Qual. U		Lab Qual. U			
Val Qual. NV	Val Qual. NV		Val Qual. NV			
Acetone	(Acetone)	8240	ug/L			
#1080 DN	#1276 DN		#4013 DN Dup.			
ND<10	ND<10		ND<10			
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000			
Lab Qual. U	Lab Qual. U		Lab Qual. U			
Val Qual. NV	Val Qual. NV		Val Qual. NV			

1993 RCRA Annual Report Sampling Results
Sample Date of 01/26/93

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

#1080 DN	#1276 DN	#4013 DN Dup.
544000	347000	496000
Det. Limit None	Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Aluminum	(Al)	7020	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.2	35.2	ND<.2
Det. Limit 0.2000	Det. Limit 0.2000	Det. Limit 0.2000
Lab Qual. U	Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Aluminum, (Dissd.)	(Al dis)	7020	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.2	ND<.2	ND<.2
Det. Limit 0.2000	Det. Limit 0.2000	Det. Limit 0.2000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Arsenic	(As)	7061	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.005	.0216	ND<.005
Det. Limit 0.0050	Det. Limit 0.0100	Det. Limit 0.0050
Lab Qual. U	Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Arsenic, (Dissd.)	(As dis)	7061	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.005	ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Barium	(Ba)	7080	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
.23	.5	.36
Det. Limit 0.2000	Det. Limit 0.2000	Det. Limit 0.2000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Parameter	Code	Method	Units			
Barium, (Dissd.)	(Ba dis)	7080	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<.2	ND<.2			.33		
Det. Limit 0.2000	Det. Limit 0.2000			Det. Limit 0.2000		
Lab Qual. U	Lab Qual. U			Lab Qual.		
Val Qual. NV	Val Qual. NV			Val Qual. NV		
Benzene	(Benzene)	8240	ug/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<1	ND<1			ND<1		
Det. Limit 1.0000	Det. Limit 1.0000			Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U			Lab Qual. U		
Val Qual. NV	Val Qual. NV			Val Qual. NV		
Beryllium	(Be)	7090	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<.005	ND<.005			ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050			Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U			Lab Qual. U		
Val Qual. NV	Val Qual. NV			Val Qual. NV		
Beryllium, (Dissd.)	(Be dis)	7090	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<.005	ND<.005			ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050			Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U			Lab Qual. U		
Val Qual. NV	Val Qual. NV			Val Qual. NV		
Cadmium	(Cd)	7131	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<.001	ND<.001			ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010			Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U			Lab Qual. U		
Val Qual. NV	Val Qual. NV			Val Qual. NV		
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<.001	ND<.001			ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010			Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U			Lab Qual. U		
Val Qual. NV	Val Qual. NV			Val Qual. NV		

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/26/93

Parameter	Code	Method	Units			
Calcium	(Ca)	7040	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
139	297			254		
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Calcium, (Dissd.)	(Ca dis)	7040	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
150	112			257		
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Carbon disulfide	(CS2)	8240	ug/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<1	ND<1			ND<1		
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Chloride	(Chloride)	9252	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
2	20			241		
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Chloroform	(Chlorofm)	8240	ug/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<1	ND<1			ND<1		
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Chromium	(Cr)	7191	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
.0039	.0415			.0023		
Det. Limit	0.0100*	Det. Limit	0.0100	Det. Limit	0.0100*	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	

Parameter	Code	Method	Units
Cobalt	(Co)	7201	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.005	.0279	ND<.005
Det. Limit 0.0050	Det. Limit 0.0500*	Det. Limit 0.0050
Lab Qual. U	Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Cobalt, (Dissd.)	(Co dis)	7201	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.005	ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Copper	(Cu)	7210	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.02	.051	ND<.02
Det. Limit 0.0200	Det. Limit 0.0250	Det. Limit 0.0200
Lab Qual. U	Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Copper, (Dissd.)	(Cu dis)	7210	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.02	ND<.02	ND<.02
Det. Limit 0.0200	Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Fluoride	(Flrd)	340.2	ug/L

#1080 DN	#1276 DN	#4013 DN Dup.
870	1280	490
Det. Limit 100.0000	Det. Limit 100.0000	Det. Limit 100.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Gross Alpha	(Alpha)	900.0	pCi/l

#1080 DN	#1276 DN	#4013 DN Dup.
2.2	ND<2.7	2.2
Det. Limit 4.0000*	Det. Limit 2.7000	Det. Limit 4.0000*
Lab Qual.	Lab Qual. U	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

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5217

Parameter	Code	Method	Units	#1080 DN	#1276 DN	#4013 DN Dup.
Gross Beta	(Beta)	900.0	pCi/l	5.2	39.4	ND<1.1
Det. Limit				4.0000	4.0000	1.1000
Lab Qual.						U
Val Qual.				NV	NV	NV
Iron	(Fe)	7380	mg/L	.38	50.7	9.67
Det. Limit				0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.				NV	NV	NV
Iron, (Dissd.)	(Fe dis)	7380	mg/L	.13	ND<.1	9.94
Det. Limit				0.1000	0.1000	0.1000
Lab Qual.					U	
Val Qual.				NV	NV	NV
Lead	(Pb)	7421	mg/L	ND<.003	.0329	ND<.003
Det. Limit				0.0030	0.0030	0.0030
Lab Qual.				U		U
Val Qual.				NV	NV	NV
Lead, (Dissd.)	(Pb dis)	7421	mg/L	ND<.003	ND<.003	ND<.003
Det. Limit				0.0030	0.0030	0.0030
Lab Qual.				U	U	U
Val Qual.				NV	NV	NV
Magnesium	(Mg)	7450	mg/L	79.6	122	90.8
Det. Limit				5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.				NV	NV	NV

Parameter	Code	Method	Units
Magnesium, (Dissd.)	(Mg dis)	7450	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
79.9	48.3	91.2
Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Manganese	(Mn)	7460	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
.029	1.38	.115
Det. Limit 0.0150	Det. Limit 0.0150	Det. Limit 0.0150
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Manganese, (Dissd.)	(Mn dis)	7460	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.015	.145	.129
Det. Limit 0.0150	Det. Limit 0.0150	Det. Limit 0.0150
Lab Qual. U	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Mercury	(Hg)	7470	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.0002	ND<.0002	ND<.0002
Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Mercury, (Dissd.)	(Hg dis)	7470	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.0002	ND<.0002	ND<.0002
Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Methylene chloride	(MeCl)	8240	ug/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<10	ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

0387

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/26/93

Parameter	Code	Method	Units	#1080 DN	#1276 DN	#4013 DN Dup.
Nickel	(Ni)	249.2	mg/L	ND<.01	.164	ND<.01
			Det. Limit	0.0100	0.0400	0.0100
			Lab Qual.	U		U
			Val Qual.	NV	NV	NV
Nickel, (Dissd.)	(Ni dis)	249.2	mg/L	ND<.01	ND<.01	ND<.01
			Det. Limit	0.0100	0.0100	0.0100
			Lab Qual.	U	U	U
			Val Qual.	NV	NV	NV
Phenols	(Phen)	9065	mg/L	ND<.01	ND<.01	ND<.01
			Det. Limit	0.0100	0.0100	0.0100
			Lab Qual.	U	U	U
			Val Qual.	NV	NV	NV
Radium-226	(Ra-226)	903.1	pCi/l	.1	2.2	.3
			Det. Limit	1.0000*	1.0000	1.0000*
			Lab Qual.			
			Val Qual.	NV	NV	NV
Radium-228	(Ra-228)	904.0	pCi/l	2.1	2.8	ND<.4
			Det. Limit	3.0000*	3.0000*	0.4000
			Lab Qual.			U
			Val Qual.	NV	NV	NV
Selenium	(Se)	7741	mg/L	ND<.005	ND<.005	ND<.005
			Det. Limit	0.0050	0.0050	0.0050
			Lab Qual.	U	U	U
			Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Selenium, (Dissd.)	(Se dis)	7741	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.005	ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Silver	(Ag)	272.1	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.001	.0015	ND<.001
Det. Limit 0.0010	Det. Limit 0.0100*	Det. Limit 0.0010
Lab Qual. U	Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Silver, (Dissd.)	(Ag dis)	272.1	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
ND<.001	ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV	Val Qual. NV

Sodium	(Na)	273.1	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
32	12	90
Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Specific Conductivity	(Cond)	9050	umhos/cm

#1080 DN	#1276 DN	#4013 DN Dup.
1350	926	2240
Det. Limit None	Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

Sulfate	(SO4)	9038	mg/L

#1080 DN	#1276 DN	#4013 DN Dup.
253	140	467
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV	Val Qual. NV

0389

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/26/93

Parameter	Code	Method	Units			
Tetrachloroethene	(TetCEthy)	8240	ug/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<1	ND<1			ND<1		
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Toluene	(Toluen)	8240	ug/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<1	ND<1			ND<1		
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Trichloroethene	(TCE)	8240	ug/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<1	ND<1			ND<1		
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Uranium, Total	(U-Total)	908.1	ug/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
4.2	20.2			2.4		
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Vanadium	(Va)	7911	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<.05	.102			ND<.05		
Det. Limit	0.0500	Det. Limit	0.0500	Det. Limit	0.0500	
Lab Qual.	U	Lab Qual.		Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Vanadium, (Dissd.)	(Va dis)	7911	mg/L			
#1080 DN	#1276 DN			#4013 DN Dup.		
ND<.05	ND<.05			ND<.05		
Det. Limit	0.0500	Det. Limit	0.0500	Det. Limit	0.0500	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	

Parameter	Code	Method	Units
Vinyl chloride	(VC)	8240	ug/L

	#1080 DN	#1276 DN	#4013 DN Dup.
	ND<5	ND<5	ND<5
Det. Limit	5.0000	5.0000	5.0000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Zinc	(Zn)	7950	mg/L

	#1080 DN	#1276 DN	#4013 DN Dup.
	ND<.02	.152	ND<.02
Det. Limit	0.0200	0.0200	0.0200
Lab Qual.	U		U
Val Qual.	NV	NV	NV

Zinc, (Dissd.)	(Zn dis)	7950	mg/L

	#1080 DN	#1276 DN	#4013 DN Dup.
	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

pH	(pH F)	9040	SU

	#1080 DN	#1276 DN	#4013 DN Dup.
	7.05	7.19	7.12
Det. Limit	None	None	None
Lab Qual.			
Val Qual.	NV	NV	NV

trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L

	#1080 DN	#1276 DN	#4013 DN Dup.
	ND<1	ND<1	ND<1
Det. Limit	1.0000	1.0000	1.0000
Lab Qual.	U	U	U
Val Qual.	NV	NV	NV

Parameter	Code	Method	Units
Water elevation	(None)		Feet
#1332 DN			
583.57			
Det. Limit None			
Lab Qual.			
Val Qual.			
1,1,1-Trichloroethane	(1,1,1Tri)	8240	ug/L
#1085 DN	#1332 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
1,1-Dichloroethane	(1,1DCE)	8240	ug/L
#1085 DN	#1332 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
1,1-Dichloroethene	(1,1-DCEE)	8240	ug/L
#1085 DN	#1332 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
1,2-Dichloroethane	(1,2DCE)	8240	ug/L
#1085 DN	#1332 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Acetone	(Acetone)	8240	ug/L
#1085 DN	#1332 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

#1085 DN	#1332 DN
319000	457000
Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Aluminum	(Al)	7020	mg/L

#1085 DN	#1332 DN
ND<.2	6.18
Det. Limit 0.2000	Det. Limit 0.2000
Lab Qual. U	Lab Qual.
Val Qual. NV	Val Qual. NV

Aluminum, (Dissd.)	(Al dis)	7020	mg/L

#1085 DN	#1332 DN
ND<.2	ND<.2
Det. Limit 0.2000	Det. Limit 0.2000
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Arsenic	(As)	7061	mg/L

#1085 DN	#1332 DN
.0055	.0066
Det. Limit 0.0100*	Det. Limit 0.0100*
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Arsenic, (Dissd.)	(As dis)	7061	mg/L

#1085 DN	#1332 DN
ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Barium	(Ba)	7080	mg/L

#1085 DN	#1332 DN
ND<.2	.35
Det. Limit 0.2000	Det. Limit 0.2000
Lab Qual. U	Lab Qual.
Val Qual. NV	Val Qual. NV

0503

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/27/93

Parameter	Code	Method	Units
Barium, (Dissd.)	(Ba dis)	7080	mg/L
#1085 DN	#1332 DN		
.2	.36		
Det. Limit 0.2000	Det. Limit 0.2000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Benzene	(Benzene)	8240	ug/L
#1085 DN	#1332 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Beryllium	(Be)	7090	mg/L
#1085 DN	#1332 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Beryllium, (Dissd.)	(Be dis)	7090	mg/L
#1085 DN	#1332 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Cadmium	(Cd)	7131	mg/L
#1085 DN	#1332 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Cadmium, (Dissd.)	(Cd dis)	7131	mg/L
#1085 DN	#1332 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

Parameter	Code	Method	Units
Calcium	(Ca)	7040	mg/L

	#1085 DN	#1332 DN
	107	259
Det. Limit	5.0000	5.0000
Lab Qual.		
Val Qual.	NV	NV

Parameter	Code	Method	Units
Calcium, (Dissd.)	(Ca dis)	7040	mg/L

	#1085 DN	#1332 DN
	107	211
Det. Limit	5.0000	5.0000
Lab Qual.		
Val Qual.	NV	NV

Parameter	Code	Method	Units
Carbon disulfide	(CS2)	8240	ug/L

	#1085 DN	#1332 DN
	ND<1	ND<1
Det. Limit	1.0000	1.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Parameter	Code	Method	Units
Chloride	(Chloride)	9252	mg/L

	#1085 DN	#1332 DN
	12	722
Det. Limit	1.0000	1.0000
Lab Qual.		
Val Qual.	NV	NV

Parameter	Code	Method	Units
Chloroform	(Chlorofm)	8240	ug/L

	#1085 DN	#1332 DN
	ND<1	ND<1
Det. Limit	1.0000	1.0000
Lab Qual.	U	U
Val Qual.	NV	NV

Parameter	Code	Method	Units
Chromium	(Cr)	7191	mg/L

	#1085 DN	#1332 DN
	.0097	.0116
Det. Limit	0.0100*	0.0100
Lab Qual.		
Val Qual.	NV	NV

1993 RCRA Annual Report Sampling Results
Sample Date of 01/27/93

Parameter	Code	Method	Units
Cobalt	(Co)	7201	mg/L
#1085 DN	#1332 DN		
ND<.005	.0115		
Det. Limit 0.0050	Det. Limit 0.0500*		
Lab Qual. U	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Cobalt, (Dissd.)	(Co dis)	7201	mg/L
#1085 DN	#1332 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Copper	(Cu)	7210	mg/L
#1085 DN	#1332 DN		
ND<.02	ND<.02		
Det. Limit 0.0200	Det. Limit 0.0200		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Copper, (Dissd.)	(Cu dis)	7210	mg/L
#1085 DN	#1332 DN		
ND<.02	ND<.02		
Det. Limit 0.0200	Det. Limit 0.0200		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Fluoride	(Flrd)	340.2	ug/L
#1085 DN	#1332 DN		
1170	430		
Det. Limit 100.0000	Det. Limit 100.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Gross Alpha	(Alpha)	900.0	pCi/l
#1085 DN	#1332 DN		
5280	3.5		
Det. Limit 4.0000	Det. Limit 4.0000*		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		

Parameter	Code	Method	Units
Gross Beta	(Beta)	900.0	pCi/l
#1085 DN	#1332 DN		
2090	ND<1.6		
Det. Limit 4.0000	Det. Limit 1.6000		
Lab Qual.	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Iron	(Fe)	7380	mg/L
#1085 DN	#1332 DN		
3.61	13.1		
Det. Limit 0.1000	Det. Limit 0.1000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Iron, (Dissd.)	(Fe dis)	7380	mg/L
#1085 DN	#1332 DN		
ND<.1	1.88		
Det. Limit 0.1000	Det. Limit 0.1000		
Lab Qual. U	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Lead	(Pb)	7421	mg/L
#1085 DN	#1332 DN		
.0059	.0064		
Det. Limit 0.0030	Det. Limit 0.0030		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Lead, (Dissd.)	(Pb dis)	7421	mg/L
#1085 DN	#1332 DN		
ND<.003	ND<.003		
Det. Limit 0.0030	Det. Limit 0.0030		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Magnesium	(Mg)	7450	mg/L
#1085 DN	#1332 DN		
45.3	69.8		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		

0391

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 01/27/93

Parameter	Code	Method	Units
Magnesium, (Dissd.)	(Mg dis)	7450	mg/L
#1085 DN	#1332 DN		
45.6	58.1		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Manganese	(Mn)	7460	mg/L
#1085 DN	#1332 DN		
.135	4.33		
Det. Limit 0.0150	Det. Limit 0.0150		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Manganese, (Dissd.)	(Mn dis)	7460	mg/L
#1085 DN	#1332 DN		
ND<.015	4.1		
Det. Limit 0.0150	Det. Limit 0.0150		
Lab Qual. U	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Mercury	(Hg)	7470	mg/L
#1085 DN	#1332 DN		
ND<.0002	ND<.0002		
Det. Limit 0.0002	Det. Limit 0.0002		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Mercury, (Dissd.)	(Hg dis)	7470	mg/L
#1085 DN	#1332 DN		
ND<.0002	ND<.0002		
Det. Limit 0.0002	Det. Limit 0.0002		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Methylene chloride	(MeCl)	8240	ug/L
#1085 DN	#1332 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

Parameter	Code	Method	Units
Nickel	(Ni)	249.2	mg/L

#1085 DN	#1332 DN
.013	.017
Det. Limit 0.0400*	Det. Limit 0.0400*
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Nickel, (Dissd.)	(Ni dis)	249.2	mg/L

#1085 DN	#1332 DN
ND<.01	ND<.01
Det. Limit 0.0100	Det. Limit 0.0100
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Phenols	(Phen)	9065	mg/L

#1085 DN	#1332 DN
ND<.01	ND<.01
Det. Limit 0.0100	Det. Limit 0.0100
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Radium-226	(Ra-226)	903.1	pCi/l

#1085 DN	#1332 DN
.9	1.3
Det. Limit 1.0000*	Det. Limit 1.0000
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Radium-228	(Ra-228)	904.0	pCi/l

#1085 DN	#1332 DN
.8	2
Det. Limit 3.0000*	Det. Limit 3.0000*
Lab Qual.	Lab Qual.
Val Qual. NV	Val Qual. NV

Selenium	(Se)	7741	mg/L

#1085 DN	#1332 DN
ND<.005	ND<.005
Det. Limit 0.0050	Det. Limit 0.0050
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

0399

5217

Parameter	Code	Method	Units
Selenium, (Dissd.)	(Se dis)	7741	mg/L
#1085 DN	#1332 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Silver	(Ag)	272.1	mg/L
#1085 DN	#1332 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Silver, (Dissd.)	(Ag dis)	272.1	mg/L
#1085 DN	#1332 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Sodium	(Na)	273.1	mg/L
#1085 DN	#1332 DN		
51	340		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Specific Conductivity	(Cond)	9050	umhos/cm
#1085 DN	#1332 DN		
989	3190		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Sulfate	(SO4)	9038	mg/L
#1085 DN	#1332 DN		
253	59		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		

Parameter	Code	Method	Units
Tetrachloroethene	(TetCEthy)	8240	ug/L
#1085 DN	#1332 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Toluene	(Toluen)	8240	ug/L
#1085 DN	#1332 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Trichloroethene	(TCE)	8240	ug/L
#1085 DN	#1332 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Uranium, Total	(U-Total)	908.1	ug/L
#1085 DN	#1332 DN		
8030	1.7		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Vanadium	(Va)	7911	mg/L
#1085 DN	#1332 DN		
ND<.05	ND<.05		
Det. Limit 0.0500	Det. Limit 0.0500		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Vanadium, (Dissd.)	(Va dis)	7911	mg/L
#1085 DN	#1332 DN		
ND<.05	ND<.05		
Det. Limit 0.0500	Det. Limit 0.0500		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

5217

0401

1993 RCRA Annual Report Sampling Results
Sample Date of 01/27/93

Parameter	Code	Method	Units
Vinyl chloride	(VC)	8240	ug/L
#1085 DN	#1332 DN		
ND<1	ND<5		
Det. Limit 1.0000	Det. Limit 5.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Zinc	(Zn)	7950	mg/L
#1085 DN	#1332 DN		
ND<.02	.034		
Det. Limit 0.0200	Det. Limit 0.0200		
Lab Qual. U	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Zinc, (Dissd.)	(Zn dis)	7950	mg/L
#1085 DN	#1332 DN		
ND<.02	ND<.02		
Det. Limit 0.0200	Det. Limit 0.0200		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
pH	(pH F)	9040	SU
#1085 DN	#1332 DN		
7.43	6.81		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
trans-1,2-Dichloroethene	(TranDCEE)	8240	ug/L
#1085 DN	#1332 DN		
ND<1	ND<1		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		

Parameter	Code	Method	Units				
Water elevation	(None)		Feet				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
521.51	521.33		521.51		521.34		
Det. Limit	None	Det. Limit	None	Det. Limit	None	Det. Limit	None
Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.	
Val Qual.		Val Qual.		Val Qual.		Val Qual.	
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
ND<10	ND<10		ND<10		ND<10		
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U
1,1-Dichloroethane	(1,1DCE)	624	ug/L				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
ND<10	ND<10		ND<10		ND<10		
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
ND<10	ND<10		ND<10		ND<10		
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U
1,2-Dichloroethane	(1,2DCE)	624	ug/L				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
ND<10	ND<10		ND<10		ND<10		
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
ND<10	ND<10		ND<10		ND<10		
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U

0403

5217

Parameter	Code	Method	Units			
Acetone	(Acetone)	624	ug/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	Det. Limit 10.0000	Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	U	Lab Qual. U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual. U	Val Qual.	U	Val Qual.	U
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	280000	250000	260000	270000		
Det. Limit	None	Det. Limit None	Det. Limit	None	Det. Limit	None
Lab Qual.		Lab Qual.	Lab Qual.		Lab Qual.	
Val Qual.	-	Val Qual. -	Val Qual.	-	Val Qual.	-
Aluminum	(Al)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<.036	ND<.036	ND<.036	ND<.036		
Det. Limit	0.0360	Det. Limit 0.0360	Det. Limit	0.0360	Det. Limit	0.0360
Lab Qual.	U	Lab Qual. U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual. U	Val Qual.	U	Val Qual.	U
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<.036	ND<.036	ND<.036	ND<.036		
Det. Limit	0.0360	Det. Limit 0.0360	Det. Limit	0.0360	Det. Limit	0.0360
Lab Qual.	U	Lab Qual. U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual. U	Val Qual.	U	Val Qual.	U
Arsenic	(As)	206.2	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<.002	ND<.002	ND<.002	.0037		
Det. Limit	0.0020	Det. Limit 0.0020	Det. Limit	0.0020	Det. Limit	0.0100*
Lab Qual.	U	Lab Qual. U	Lab Qual.	U	Lab Qual.	BW
Val Qual.	U	Val Qual. U	Val Qual.	U	Val Qual.	J
Arsenic, (Dissd.)	(As dis)	206.2	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<.002	ND<.002	ND<.002	.0053		
Det. Limit	0.0020	Det. Limit 0.0020	Det. Limit	0.0020	Det. Limit	0.0100*
Lab Qual.	U	Lab Qual. U	Lab Qual.	U	Lab Qual.	B
Val Qual.	U	Val Qual. U	Val Qual.	U	Val Qual.	-

Parameter	Code	Method	Units				
Barium	(Ba)	200.7	mg/L				
	#2120 DN			#3067 DN		#3120 DN		#4067 DN
	.0641			.0763		.1		.0708
Det. Limit	0.2000*		Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*
Lab Qual.	B		Lab Qual.	B	Lab Qual.	B	Lab Qual.	B
Val Qual.	-		Val Qual.	-	Val Qual.	-	Val Qual.	-
Barium, (Dissd.)	(Ba dis)	200.7	mg/L				
	#2120 DN			#3067 DN		#3120 DN		#4067 DN
	.0644			.0778		.103		.0707
Det. Limit	0.2000*		Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*
Lab Qual.	B		Lab Qual.	B	Lab Qual.	B	Lab Qual.	B
Val Qual.	-		Val Qual.	-	Val Qual.	-	Val Qual.	-
Benzene	(Benzene)	624	ug/L				
	#2120 DN			#3067 DN		#3120 DN		#4067 DN
	ND<10			ND<10		ND<10		ND<10
Det. Limit	10.0000		Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	U		Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U		Val Qual.	U	Val Qual.	U	Val Qual.	U
Beryllium	(Be)	200.7	mg/L				
	#2120 DN			#3067 DN		#3120 DN		#4067 DN
	ND<.001			ND<.001		ND<.001		ND<.001
Det. Limit	0.0010		Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010
Lab Qual.	U		Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U		Val Qual.	U	Val Qual.	U	Val Qual.	U
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L				
	#2120 DN			#3067 DN		#3120 DN		#4067 DN
	ND<.001			ND<.001		ND<.001		ND<.001
Det. Limit	0.0010		Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010
Lab Qual.	U		Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U		Val Qual.	U	Val Qual.	U	Val Qual.	U
Cadmium	(Cd)	200.7	mg/L				
	#2120 DN			#3067 DN		#3120 DN		#4067 DN
	ND<.002			ND<.002		ND<.002		ND<.002
Det. Limit	0.0020		Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0020
Lab Qual.	U		Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U		Val Qual.	U	Val Qual.	U	Val Qual.	U

0405

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/01/93

Parameter	Code	Method	Units	#2120 DN	#3067 DN	#3120 DN	#4067 DN
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit				0.0020	0.0020	0.0020	0.0020
Lab Qual.				U	U	U	U
Val Qual.				U	U	U	U
Calcium	(Ca)	200.7	mg/L	97.7	102	102	90.3
Det. Limit				5.0000	5.0000	5.0000	5.0000
Lab Qual.							
Val Qual.				-	-	-	-
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L	101	109	107	95.9
Det. Limit				5.0000	5.0000	5.0000	5.0000
Lab Qual.							
Val Qual.				-	-	-	-
Carbon disulfide	(CS2)	624	ug/L	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U
Val Qual.				U	U	U	U
Chloride	(Chloride)	9252	mg/L	77	17	19	16
Det. Limit				1.0000	1.0000	1.0000	1.0000
Lab Qual.							
Val Qual.				-	-	-	-
Chloroform	(Chlorofm)	624	ug/L	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U
Val Qual.				U	U	U	U

521275

1993 RCRA Annual Report Sampling Results
Sample Date of 04/01/93

Parameter	Code	Method	Units						
Chromium	(Cr)	200.7	mg/L						
	#2120 DN			#3067 DN		#3120 DN		#4067 DN	
	ND<.0049			ND<.003		ND<.003		ND<.003	
Det. Limit	0.0049	Det. Limit	0.0030			Det. Limit	0.0030	Det. Limit	0.0030
Lab Qual.	B	Lab Qual.	U			Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U			Val Qual.	U	Val Qual.	U
Cobalt	(Co)	200.7	mg/L						
	#2120 DN			#3067 DN		#3120 DN		#4067 DN	
	ND<.008			ND<.008		ND<.008		ND<.008	
Det. Limit	0.0080	Det. Limit	0.0080			Det. Limit	0.0080	Det. Limit	0.0080
Lab Qual.	U	Lab Qual.	U			Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U			Val Qual.	U	Val Qual.	U
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L						
	#2120 DN			#3067 DN		#3120 DN		#4067 DN	
	ND<.008			ND<.008		ND<.008		ND<.008	
Det. Limit	0.0080	Det. Limit	0.0080			Det. Limit	0.0080	Det. Limit	0.0080
Lab Qual.	U	Lab Qual.	U			Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U			Val Qual.	U	Val Qual.	U
Copper	(Cu)	200.7	mg/L						
	#2120 DN			#3067 DN		#3120 DN		#4067 DN	
	ND<.004			ND<.004		ND<.004		ND<.004	
Det. Limit	0.0040	Det. Limit	0.0040			Det. Limit	0.0040	Det. Limit	0.0040
Lab Qual.	U	Lab Qual.	U			Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U			Val Qual.	U	Val Qual.	U
Copper, (Dissd.)	(Cu dis)	200.7	mg/L						
	#2120 DN			#3067 DN		#3120 DN		#4067 DN	
	ND<.004			ND<.004		ND<.004		ND<.004	
Det. Limit	0.0040	Det. Limit	0.0040			Det. Limit	0.0040	Det. Limit	0.0040
Lab Qual.	U	Lab Qual.	U			Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U			Val Qual.	U	Val Qual.	U
Fluoride	(Flrd)	340.2	ug/L						
	#2120 DN			#3067 DN		#3120 DN		#4067 DN	
	180			ND<150		ND<150		230	
Det. Limit	100.0000	Det. Limit	150.0000			Det. Limit	150.0000	Det. Limit	100.0000
Lab Qual.		Lab Qual.	U			Lab Qual.	U	Lab Qual.	
Val Qual.	-	Val Qual.	U			Val Qual.	U	Val Qual.	-

0401

5217

0408

1993 RCRA Annual Report Sampling Results
Sample Date of 04/01/93

Parameter	Code	Method	Units				
Gross Alpha	(Alpha)	900.0	pCi/l				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
7.1	3.8		ND<3.1		2.8		
Det. Limit	2.0000	Det. Limit	2.0000	Det. Limit	3.1000	Det. Limit	2.0000
Lab Qual.		Lab Qual.		Lab Qual.	U	Lab Qual.	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	Val Qual.	NV
Gross Beta	(Beta)	900.0	pCi/l				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
7.9	ND<2.6		3.3		2.2		
Det. Limit	4.0000	Det. Limit	2.6000	Det. Limit	4.0000*	Det. Limit	4.0000*
Lab Qual.		Lab Qual.	U	Lab Qual.		Lab Qual.	
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	Val Qual.	NV
Iron	(Fe)	200.7	mg/L				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
.0828	1.86		2.45		3.09		
Det. Limit	0.1000*	Det. Limit	0.1000	Det. Limit	0.1000	Det. Limit	0.1000
Lab Qual.	B	Lab Qual.		Lab Qual.		Lab Qual.	
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-
Iron, (Dissd.)	(Fe dis)	200.7	mg/L				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
.0319	1.63		2.55		3.15		
Det. Limit	0.1000*	Det. Limit	0.1000	Det. Limit	0.1000	Det. Limit	0.1000
Lab Qual.	B	Lab Qual.		Lab Qual.		Lab Qual.	
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-
Lead	(Pb)	239.2	mg/L				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
.0011	ND<.001		ND<.001		.001		
Det. Limit	0.0030*	Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0030*
Lab Qual.	B	Lab Qual.	U	Lab Qual.	U	Lab Qual.	B
Val Qual.	J	Val Qual.	UJ	Val Qual.	UJ	Val Qual.	J
Lead, (Dissd.)	(Pb dis)	239.2	mg/L				
#2120 DN	#3067 DN		#3120 DN		#4067 DN		
ND<.0026	ND<.001		ND<.0022		ND<.0024		
Det. Limit	0.0026	Det. Limit	0.0010	Det. Limit	0.0022	Det. Limit	0.0024
Lab Qual.	B	Lab Qual.	U	Lab Qual.	B	Lab Qual.	B
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U

5912

1993 RCRA Annual Report Sampling Results
Sample Date of 04/01/93

Parameter	Code	Method	Units			
Magnesium	(Mg)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	41	25.5	25.4	24		
Det. Limit	5.0000	5.0000	5.0000	5.0000		
Lab Qual.						
Val Qual.	-	-	-	-		
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	41.2	26.6	26.1	24.3		
Det. Limit	5.0000	5.0000	5.0000	5.0000		
Lab Qual.						
Val Qual.	-	-	-	-		
Manganese	(Mn)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	.133	.177	.257	.217		
Det. Limit	0.0150	0.0150	0.0150	0.0150		
Lab Qual.						
Val Qual.	-	-	-	-		
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	.123	.193	.271	.222		
Det. Limit	0.0150	0.0150	0.0150	0.0150		
Lab Qual.						
Val Qual.	-	-	-	-		
Mercury	(Hg)	245.1	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<.0002	ND<.0002	ND<.0002	ND<.0002		
Det. Limit	0.0002	0.0002	0.0002	0.0002		
Lab Qual.	U	U	U	U		
Val Qual.	U	U	U	U		
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<.0002	ND<.0002	ND<.0002	ND<.0002		
Det. Limit	0.0002	0.0002	0.0002	0.0002		
Lab Qual.	U	U	U	U		
Val Qual.	U	U	U	U		

5217

0410

1993 RCRA Annual Report Sampling Results
Sample Date of 04/01/93

Parameter	Code	Method	Units				
Methylene chloride	(MeCl)	624	ug/L				
	#2120 DN		#3067 DN		#3120 DN		#4067 DN
	ND<10		ND<10		ND<10		ND<10
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U
Nickel	(Ni)	200.7	mg/L				
	#2120 DN		#3067 DN		#3120 DN		#4067 DN
	ND<.031		ND<.031		ND<.031		ND<.031
Det. Limit	0.0310	Det. Limit	0.0310	Det. Limit	0.0310	Det. Limit	0.0310
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L				
	#2120 DN		#3067 DN		#3120 DN		#4067 DN
	ND<.031		ND<.031		ND<.031		ND<.031
Det. Limit	0.0310	Det. Limit	0.0310	Det. Limit	0.0310	Det. Limit	0.0310
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U
Nitrate/Nitrite	(NO3/NO2)	353.2	ug/L				
	#2120 DN		#3067 DN		#3120 DN		#4067 DN
	ND<50		ND<50		ND<50		ND<50
Det. Limit	50.0000	Det. Limit	50.0000	Det. Limit	50.0000	Det. Limit	50.0000
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U
Phenols	(Phen)	420.1	mg/L				
	#2120 DN		#3067 DN		#3120 DN		#4067 DN
	ND<.15		ND<.15		ND<.15		ND<.15
Det. Limit	0.1500	Det. Limit	0.1500	Det. Limit	0.1500	Det. Limit	0.1500
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U
Radium-226	(Ra-226)	903.1	pCi/l				
	#2120 DN		#3067 DN		#3120 DN		#4067 DN
	ND<.3		ND<.3		ND<.4		.3
Det. Limit	0.3000	Det. Limit	0.3000	Det. Limit	0.4000	Det. Limit	1.0000*
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	
Val Qual.	UJ	Val Qual.	UJ	Val Qual.	UJ	Val Qual.	J

5212

Parameter	Code	Method	Units			
Radium-228	(Ra-228)	904.0	pCi/l			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<2.3	ND<2.1	ND<2.2	ND<2.1		
Det. Limit	2.3000	Det. Limit 2.1000	Det. Limit 2.2000	Det. Limit 2.1000		
Lab Qual.	U	Lab Qual. U	Lab Qual. U	Lab Qual. U		
Val Qual.	U	Val Qual. U	Val Qual. U	Val Qual. U		
Selenium	(Se)	270.2	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<.002	ND<.002	ND<.002	ND<.002		
Det. Limit	0.0020	Det. Limit 0.0020	Det. Limit 0.0020	Det. Limit 0.0020		
Lab Qual.	U	Lab Qual. UW	Lab Qual. UW	Lab Qual. U		
Val Qual.	U	Val Qual. UJ	Val Qual. UJ	Val Qual. U		
Selenium, (Dissd.)	(Se dis)	270.2	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<.002	ND<.002	ND<.002	ND<.002		
Det. Limit	0.0020	Det. Limit 0.0020	Det. Limit 0.0020	Det. Limit 0.0020		
Lab Qual.	UW	Lab Qual. UW	Lab Qual. UW	Lab Qual. UW		
Val Qual.	UJ	Val Qual. UJ	Val Qual. UJ	Val Qual. UJ		
Silver	(Ag)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<.003	ND<.003	ND<.003	ND<.003		
Det. Limit	0.0030	Det. Limit 0.0030	Det. Limit 0.0030	Det. Limit 0.0030		
Lab Qual.	U	Lab Qual.	Lab Qual. U	Lab Qual. U		
Val Qual.	U	Val Qual. U	Val Qual. U	Val Qual. U		
Silver, (Dissd.)	(Ag dis)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<.003	ND<.003	ND<.003	ND<.003		
Det. Limit	0.0030	Det. Limit 0.0030	Det. Limit 0.0030	Det. Limit 0.0030		
Lab Qual.	U	Lab Qual. U	Lab Qual. U	Lab Qual. U		
Val Qual.	UJ	Val Qual. UJ	Val Qual. UJ	Val Qual. UJ		
Sodium	(Na)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	39.8	9.24	9.66	9.79		
Det. Limit	5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.		Lab Qual.	Lab Qual.	Lab Qual.		
Val Qual.	-	Val Qual. -	Val Qual. -	Val Qual. -		

0411

5217

0412

1993 RCRA Annual Report Sampling Results
Sample Date of 04/01/93

Parameter	Code	Method	Units			
Sodium, (Dissd.)	(Na dis)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	39	9.07	9.64	9.63		
Det. Limit	5.0000	5.0000	5.0000	5.0000		
Lab Qual.						
Val Qual.	-	-	-	-		
Specific Conductivity	(Cond)	120.1	umhos/cm			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	700	520	510	450		
Det. Limit	None	None	None	None		
Lab Qual.						
Val Qual.	-	-	-	-		
Sulfate	(SO4)	9038	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	87	80	74	35		
Det. Limit	1.0000	1.0000	1.0000	1.0000		
Lab Qual.						
Val Qual.	-	-	-	-		
Tetrachloroethene	(TetCEthy)	624	ug/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U		
Val Qual.	U	U	U	U		
Toluene	(Toluen)	624	ug/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<10	ND<10	32	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U		U		
Val Qual.	U	U	-	U		
Trichloroethene	(TCE)	624	ug/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN		
	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U		
Val Qual.	U	U	U	U		

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/01/93

Parameter	Code	Method	Units			
Uranium, Total	(U-Total)	908.1	ug/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN
	13.4	.2	.2	ND<.1
Det. Limit	0.1000	0.1000	0.1000	0.1000
Lab Qual.				U
Val Qual.	-	-	-	U
Vanadium	(Va)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN
	ND<.007	ND<.007	ND<.007	ND<.007
Det. Limit	0.0070	0.0070	0.0070	0.0070
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN
	ND<.007	ND<.007	ND<.007	ND<.007
Det. Limit	0.0070	0.0070	0.0070	0.0070
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U
Vinyl chloride	(VC)	624	ug/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN
	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U
Zinc	(Zn)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN
	ND<.0119	ND<.0064	ND<.0111	ND<.0077
Det. Limit	0.0119	0.0064	0.0111	0.0077
Lab Qual.	B	B	B	B
Val Qual.	U	U	U	U
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L			
	#2120 DN	#3067 DN	#3120 DN	#4067 DN
	ND<.002	ND<.0032	ND<.002	ND<.002
Det. Limit	0.0020	0.0032	0.0020	0.0020
Lab Qual.	U	B	U	U
Val Qual.	U	U	U	U

0414

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/01/93

Parameter	Code	Method	Units
pH	(pH F)	150.1	SU

	#2120 DN	#3067 DN	#3120 DN	#4067 DN
	7.3	7.7	7.5	7.5
Det. Limit	None	None	None	None
Lab Qual.				
Val Qual.	-	-	-	-

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units					
Water elevation	(None)		Feet					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN		
	521.33	522.76	521.42	522.22	521.42			
Det. Limit	None	None	None	None	None			
Lab Qual.								
Val Qual.								
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	UJ		
1,1-Dichloroethane	(1,1DCE)	624	ug/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	UJ		
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	UJ		
1,2-Dichloroethane	(1,2DCE)	624	ug/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	UJ		
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	UJ		

0415

52172

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units					
Acetone	(Acetone)	624	ug/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	UJ	U	U	UJ	UJ	UJ
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	310000	270000	270000	250000	360000	340000
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	-	-	-	-	-	-
Aluminum	(Al)	200.7	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.036	ND<.036	ND<.036	.331	ND<.036	ND<.036
Det. Limit	0.0360	0.0360	0.0360	0.2000	0.0360	0.0360
Lab Qual.	U	U	U		U	U
Val Qual.	U	U	U	-	U	U
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.036	ND<.036	ND<.036	ND<.036	ND<.036	ND<.036
Det. Limit	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Arsenic	(As)	206.2	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	.0049	ND<.002	.0042	.0024	.0049	ND<.002
Det. Limit	0.0100*	0.0020	0.0100*	0.0100*	0.0100*	0.0020
Lab Qual.	B	UW	B	B	B	U
Val Qual.	-	U	-	-	-	U
Arsenic, (Dissd.)	(As dis)	206.2	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	.0033
Det. Limit	0.0020	0.0020	0.0020	0.0020	0.0020	0.0100*
Lab Qual.	U	U	U	U	U	B
Val Qual.	U	U	U	U	U	-

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units					
Barium	(Ba)	200.7	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	.0312	.057	.0563	.0825	.139	.295
Det. Limit	0.2000*	0.2000*	0.2000*	0.2000*	0.2000*	0.2000
Lab Qual.	B	B	B	B	B	
Val Qual.	-	-	-	-	-	-
Barium, (Dissd.)	(Ba dis)	200.7	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.029	.059	.0555	.0648	.144	.309
Det. Limit	0.0290	0.2000*	0.2000*	0.2000*	0.2000*	0.2000
Lab Qual.	U	B	B	B	B	
Val Qual.	U	-	-	-	-	-
Benzene	(Benzene)	624	ug/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	UJ	U	U	U	UJ
Beryllium	(Be)	200.7	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Cadmium	(Cd)	200.7	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

0411

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L						
				ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit				0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Calcium	(Ca)	200.7	mg/L						
				309	99.9	98	101	140	121
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L						
				329	105	101	102	148	131
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.				N	N	N	N	N	N
Val Qual.				J	J	J	J	J	J
Carbon disulfide	(CS2)	624	ug/L						
				ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	UJ
Chloride	(Chloride)	9252	mg/L						
				21	25	25	19	35	49
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Chloroform	(Chlorofm)	624	ug/L						
				ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	UJ

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units										
Chromium	(Cr)	200.7	mg/L										
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.003	ND<.003	ND<.003	ND<.0065	ND<.0051	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0065	0.0051	0.0030
Lab Qual.	U	U	U	B	B	U
Val Qual.	U	U	U	U	U	U
Cobalt	(Co)	200.7	mg/L										
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008
Det. Limit	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L										
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008
Det. Limit	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Copper	(Cu)	200.7	mg/L										
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.004	ND<.004	ND<.0057	ND<.004	ND<.0061	ND<.004
Det. Limit	0.0040	0.0040	0.0057	0.0040	0.0061	0.0040
Lab Qual.	U	U	B	U	B	U
Val Qual.	U	U	U	U	U	U
Copper, (Dissd.)	(Cu dis)	200.7	mg/L										
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.004	ND<.004	ND<.004	ND<.004	ND<.004	ND<.004
Det. Limit	0.0040	0.0040	0.0040	0.0040	0.0040	0.0040
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Fluoride	(Flrd)	340.2	ug/L										
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<150	160	150	200	ND<150	240
Det. Limit	150.0000	100.0000	100.0000	100.0000	150.0000	100.0000
Lab Qual.	U				U	
Val Qual.	U	-	-	-	U	-

0413

5917

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
Gross Alpha	(Alpha)	UNKNOWN	pCi/l	13	14.2	9.9	ND<2.5	ND<4.8	ND<3.9
			Det. Limit	2.0000	2.0000	2.0000	2.5000	4.8000	3.9000
			Lab Qual.				U	U	U
			Val Qual.	NV	NV	NV	NV	NV	NV
Gross Beta	(Beta)	900.0	pCi/l	7.4	13.7	8.2	5.8	ND<4.9	ND<3.4
			Det. Limit	4.0000	4.0000	4.0000	4.0000	4.9000	3.4000
			Lab Qual.					U	U
			Val Qual.	NV	NV	NV	NV	NV	NV
Iron	(Fe)	200.7	mg/L	4.15	3.38	3.39	5.35	7.08	4.9
			Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
			Lab Qual.						
			Val Qual.	-	-	-	-	-	-
Iron, (Dissd.)	(Fe dis)	200.7	mg/L	.254	3.39	2.92	.732	7.4	5.14
			Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
			Lab Qual.						
			Val Qual.	-	-	-	-	-	-
Lead	(Pb)	239.2	mg/L	ND<.001	ND<.004	ND<.0045	ND<.001	ND<.001	ND<.001
			Det. Limit	0.0010	0.0040	0.0045	0.0010	0.0010	0.0010
			Lab Qual.	U			U	U	U
			Val Qual.	U	U	U	U	U	U
Lead, (Dissd.)	(Pb dis)	239.2	mg/L	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
			Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
			Lab Qual.	U	U	U	U	U	U
			Val Qual.	U	U	U	U	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units										
Magnesium	(Mg)	200.7	mg/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	38.6		28.1		27.8		26.1		36.9		34.5		
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000		
Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.			
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-		
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	38.8		29.2		28.6		24.9		37.8		36.9		
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000		
Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.			
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-		
Manganese	(Mn)	200.7	mg/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	2.66		.538		.531		.271		.519		.209		
Det. Limit	0.0150	Det. Limit	0.0150	Det. Limit	0.0150	Det. Limit	0.0150	Det. Limit	0.0150	Det. Limit	0.0150		
Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.			
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-		
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	.371		.572		.548		.188		.548		.226		
Det. Limit	0.0150	Det. Limit	0.0150	Det. Limit	0.0150	Det. Limit	0.0150	Det. Limit	0.0150	Det. Limit	0.0150		
Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.			
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-		
Mercury	(Hg)	245.1	mg/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	ND<.0002		ND<.0002		ND<.0002		ND<.0002		ND<.0002		ND<.0002		
Det. Limit	0.0002	Det. Limit	0.0002	Det. Limit	0.0002	Det. Limit	0.0002	Det. Limit	0.0002	Det. Limit	0.0002		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	ND<.0002		ND<.0002		ND<.0002		ND<.0002		ND<.0002		ND<.0002		
Det. Limit	0.0002	Det. Limit	0.0002	Det. Limit	0.0002	Det. Limit	0.0002	Det. Limit	0.0002	Det. Limit	0.0002		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units					
Methylene chloride	(MeCl)	624	ug/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	UJ
Nickel	(Ni)	200.7	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031
Det. Limit	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031
Det. Limit	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Nitrate/Nitrite	(NO3/NO2)	353.2	ug/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	110	ND<50	ND<50	ND<50	ND<50	ND<50
Det. Limit	100.0000	50.0000	50.0000	50.0000	50.0000	50.0000
Lab Qual.		U	U	U	U	U
Val Qual.	-	U	U	U	U	U
Phenols	(Phen)	420.1	mg/L					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.15	ND<.15	ND<.15	ND<.15	ND<.15	ND<.15
Det. Limit	0.1500	0.1500	0.1500	0.1500	0.1500	0.1500
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Radium-226	(Ra-226)	903.1	pCi/l					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	.4	1	.6	.3	1	.8
Det. Limit	1.0000*	1.0000	1.0000*	1.0000*	1.0000	1.0000*
Lab Qual.						
Val Qual.	J	J	J	J	J	J

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units					
Radium-228	(Ra-228)	904.0	pCi/l					
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<2.3	2.4	2.4	ND<2.5	ND<1.7	1.5
Det. Limit	2.3000	3.0000*	3.0000*	2.5000	1.7000	3.0000*
Lab Qual.	U			U	U	
Val Qual.	U	J	J	U	U	J
Selenium	(Se)	270.2	mg/L			
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.0014	ND<.0014	ND<.0023	ND<.001	ND<.002	ND<.0021
Det. Limit	0.0014	0.0014	0.0023	0.0010	0.0020	0.0021
Lab Qual.	B	B	B	U	B	B
Val Qual.	U	U	U	U	U	U
Selenium, (Dissd.)	(Se dis)	270.2	mg/L			
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.001	ND<.001	ND<.001	.0011	.0011	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0050*	0.0050*	0.0010
Lab Qual.	U	UW	UW	BW	BW	UW
Val Qual.	U	UJ	UJ	J	J	UJ
Silver	(Ag)	200.7	mg/L			
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Silver, (Dissd.)	(Ag dis)	200.7	mg/L			
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	ND<.003	ND<.003	ND<.003	.0049	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0100*	0.0030	0.0030
Lab Qual.	U	U	U	B	U	U
Val Qual.	U	U	U	-	U	U
Sodium	(Na)	200.7	mg/L			
	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	12.2	10.2	10.2	12.4	34.4	27.3
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-

0423

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
Sodium, (Dissd.)	(Na dis)	200.7	mg/L						
				12.5	10.9	10.9	13.5	37.6	30
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Specific Conductivity	(Cond)	120.1	umhos/cm						
				1300	580	580	520	830	740
Det. Limit				None	None	None	None	None	None
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Sulfate	(SO4)	9038	mg/L						
				550	74	74	75	170	99
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Tetrachloroethene	(TetCEthy)	624	ug/L						
				ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	UJ
Toluene	(Toluen)	624	ug/L						
				ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	UJ	U	U	U	UJ
Trichloroethene	(TCE)	624	ug/L						
				ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	UJ

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units										
Uranium, Total	(U-Total)	908.1	ug/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	9.7		28.4		23.6		.2		ND<.1		ND<.1		
Det. Limit	0.1000	Det. Limit	0.1000	Det. Limit	0.1000	Det. Limit	0.1000	Det. Limit	0.1000	Det. Limit	0.1000		
Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.	U	Lab Qual.	U		
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	U	Val Qual.	U		
Vanadium	(Va)	200.7	mg/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	ND<.007		ND<.007		ND<.007		ND<.007		ND<.007		ND<.007		
Det. Limit	0.0070	Det. Limit	0.0070	Det. Limit	0.0070	Det. Limit	0.0070	Det. Limit	0.0070	Det. Limit	0.0070		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	ND<.007		ND<.007		ND<.007		ND<.007		ND<.007		ND<.007		
Det. Limit	0.0070	Det. Limit	0.0070	Det. Limit	0.0070	Det. Limit	0.0070	Det. Limit	0.0070	Det. Limit	0.0070		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		
Vinyl chloride	(VC)	624	ug/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	ND<10		ND<10		ND<10		ND<10		ND<10		ND<10		
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	UJ		
Zinc	(Zn)	200.7	mg/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	ND<.0106		ND<.0114		ND<.0122		ND<.0074		ND<.0205		ND<.0028		
Det. Limit	0.0106	Det. Limit	0.0114	Det. Limit	0.0122	Det. Limit	0.0074	Det. Limit	0.0205	Det. Limit	0.0028		
Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.		Lab Qual.	B		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L										
	#2064 DN		#3001 DN		#3001 DN Dup.		#3064 DN		#4001 DN		#4064 DN		
	ND<.002		ND<.0166		ND<.0044		ND<.003		ND<.0155		ND<.002		
Det. Limit	0.0020	Det. Limit	0.0166	Det. Limit	0.0044	Det. Limit	0.0030	Det. Limit	0.0155	Det. Limit	0.0020		
Lab Qual.	U	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		

02/18/94

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/05/93

Parameter	Code	Method	Units
pH	(pH F)	150.1	SU

	#2064 DN	#3001 DN	#3001 DN Dup.	#3064 DN	#4001 DN	#4064 DN
	7.3	7.5	7.5	7.6	7.5	7.6
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	-	-	-	-	-	-

0426

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/06/93

Parameter	Code	Method	Units					
Water elevation	(None)		Feet					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN	
	580.71		520.92	521.64	521.77	521.3	522.01	
Det. Limit	None		None	None	None	None	None	
Lab Qual.								
Val Qual.								
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN	
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U		U	U	U	U	U	
Val Qual.	UJ		UJ	UJ	UJ	UJ	U	
1,1-Dichloroethane	(1,1DCE)	624	ug/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN	
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U		U	U	U	U	U	
Val Qual.	UJ		UJ	UJ	UJ	UJ	U	
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN	
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U		U	U	U	U	U	
Val Qual.	UJ		UJ	UJ	UJ	UJ	U	
1,2-Dichloroethane	(1,2DCE)	624	ug/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN	
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U		U	U	U	U	U	
Val Qual.	UJ		UJ	UJ	UJ	UJ	U	
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN	
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U		U	U	U	U	U	
Val Qual.	UJ		UJ	UJ	UJ	UJ	U	

0427

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/06/93

Parameter	Code	Method	Units					
Acetone	(Acetone)	624	ug/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	UJ	UJ	UJ	UJ	UJ	U		
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN		
	420000	330000	280000	230000	390000	300000		
Det. Limit	None	None	None	None	None	None		
Lab Qual.								
Val Qual.	-	-	-	-	-	-		
Aluminum	(Al)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN		
	.0828	ND<.036	.131	ND<.036	ND<.036	ND<.036		
Det. Limit	0.2000*	0.0360	0.2000*	0.0360	0.0360	0.0360		
Lab Qual.	B	U	B	U	U	U		
Val Qual.	-	U	-	U	U	U		
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN		
	ND<.036	ND<.036	ND<.036	ND<.036	ND<.036	ND<.036		
Det. Limit	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	U		
Arsenic	(As)	206.2	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN		
	.0035	.0025	ND<.002	ND<.002	.0031	.0052		
Det. Limit	0.0100*	0.0100*	0.0020	0.0020	0.0100*	0.0100*		
Lab Qual.	B	BW	UW	UW	BW	B		
Val Qual.	-	J	U	U	J	-		
Arsenic, (Dissd.)	(As dis)	206.2	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN		
	ND<.002	.0025	.01	ND<.002	.0021	.0043		
Det. Limit	0.0020	0.0100*	0.0100	0.0020	0.0100*	0.0100*		
Lab Qual.	U	B	B	U	B	B		
Val Qual.	U	-	-	U	-	-		

1993 RCRA Annual Report Sampling Results
Sample Date of 04/06/93

Parameter	Code	Method	Units										
Barium	(Ba)	200.7	mg/L										
	#1064 DN		#2051 DN		#2421 DN		#3069 DN		#3421 DN		#4008 DN		
	.0376		.0671		.076		.0398		.073		.0347		
Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*		
Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B		
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-		
Barium, (Dissd.)	(Ba dis)	200.7	mg/L										
	#1064 DN		#2051 DN		#2421 DN		#3069 DN		#3421 DN		#4008 DN		
	.0355		.0666		.076		.0373		.0707		.0345		
Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*		
Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B		
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-		
Benzene	(Benzene)	624	ug/L										
	#1064 DN		#2051 DN		#2421 DN		#3069 DN		#3421 DN		#4008 DN		
	ND<10		ND<10		ND<10		ND<10		ND<10		ND<10		
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U		
Val Qual.	UJ	Val Qual.	UJ	Val Qual.	UJ	Val Qual.	UJ	Val Qual.	UJ	Val Qual.	UJ		
Beryllium	(Be)	200.7	mg/L										
	#1064 DN		#2051 DN		#2421 DN		#3069 DN		#3421 DN		#4008 DN		
	ND<.001		ND<.001		ND<.001		ND<.001		ND<.001		ND<.001		
Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L										
	#1064 DN		#2051 DN		#2421 DN		#3069 DN		#3421 DN		#4008 DN		
	ND<.001		ND<.001		ND<.001		ND<.001		ND<.001		ND<.001		
Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010	Det. Limit	0.0010		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		
Cadmium	(Cd)	200.7	mg/L										
	#1064 DN		#2051 DN		#2421 DN		#3069 DN		#3421 DN		#4008 DN		
	ND<.002		ND<.002		ND<.002		ND<.002		ND<.002		ND<.002		
Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0020		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		

0429

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/06/93

Parameter	Code	Method	Units					
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.002	ND<.002	.0022	ND<.002	ND<.002	ND<.002
Det. Limit	0.0020	0.0020	0.0050*	0.0020	0.0020	0.0020
Lab Qual.	U	U	B	U	U	U
Val Qual.	U	U	-	U	U	U
Calcium	(Ca)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	94.1	194	123	84.9	225	83.7
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	98.5	196	126	85.8	228	89.1
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.	N	N	N	N	N	N
Val Qual.	J	J	J	J	J	J
Carbon disulfide	(CS2)	624	ug/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	UJ	UJ	UJ	UJ	UJ	U
Chloride	(Chloride)	9252	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	2.7	23	26	21	68	12
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-
Chloroform	(Chlorofm)	624	ug/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	UJ	UJ	UJ	UJ	UJ	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/06/93

Parameter	Code	Method	Units	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
Chromium	(Cr)	200.7	mg/L						
				.0059	ND<.003	.0056	.0042	ND<.003	ND<.003
Det. Limit				0.0100*	0.0030	0.0100*	0.0100*	0.0030	0.0030
Lab Qual.				B	U	B	B	U	U
Val Qual.				J	U	J	J	U	U
Cobalt	(Co)	200.7	mg/L						
				ND<.008	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008
Det. Limit				0.0080	0.0080	0.0080	0.0080	0.0080	0.0080
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L						
				ND<.008	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008
Det. Limit				0.0080	0.0080	0.0080	0.0080	0.0080	0.0080
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Copper	(Cu)	200.7	mg/L						
				ND<.004	ND<.004	ND<.0041	ND<.0041	ND<.004	ND<.0154
Det. Limit				0.0040	0.0040	0.0041	0.0041	0.0040	0.0154
Lab Qual.				U	U	B	B	U	B
Val Qual.				U	U	U	U	U	U
Copper, (Dissd.)	(Cu dis)	200.7	mg/L						
				ND<.004	ND<.004	ND<.004	ND<.004	ND<.004	ND<.004
Det. Limit				0.0040	0.0040	0.0040	0.0040	0.0040	0.0040
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Fluoride	(Flrd)	340.2	ug/L						
				580	240	ND<150	ND<150	ND<150	220
Det. Limit				100.0000	100.0000	150.0000	150.0000	150.0000	100.0000
Lab Qual.						U	U	U	
Val Qual.				-	-	U	U	U	-

5217

0431

Parameter	Code	Method	Units	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
Gross Alpha	(Alpha)	900.0	pCi/l	ND<4.4	ND<4.6	3.9	11.7	6.9	ND<2.4
Det. Limit				4.4000	4.6000	2.0000	2.0000	2.0000	2.4000
Lab Qual.				U	U				U
Val Qual.				NV	NV	NV	NV	NV	NV
Gross Beta	(Beta)	900.0	pCi/l	4	6.3	ND<3.3	8.6	ND<5.9	ND<2.1
Det. Limit				4.0000	4.0000	3.3000	4.0000	5.9000	2.1000
Lab Qual.						U		U	U
Val Qual.				NV	NV	NV	J	NV	NV
Iron	(Fe)	200.7	mg/L	ND<.171	4.02	3.1	ND<.012	12	2.48
Det. Limit				0.1710	0.1000	0.1000	0.0120	0.1000	0.1000
Lab Qual.							U		
Val Qual.				U	-	-	U	-	-
Iron, (Dissd.)	(Fe dis)	200.7	mg/L	ND<.012	3.41	2.67	ND<.012	11.9	2.65
Det. Limit				0.0120	0.1000	0.1000	0.0120	0.1000	0.1000
Lab Qual.				U			U		
Val Qual.				U	-	-	U	-	-
Lead	(Pb)	239.2	mg/L	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.0015
Det. Limit				0.0010	0.0010	0.0010	0.0010	0.0010	0.0015
Lab Qual.				U	U	U	U	U	B
Val Qual.				U	U	U	U	U	U
Lead, (Dissd.)	(Pb dis)	239.2	mg/L	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	.001
Det. Limit				0.0010	0.0010	0.0010	0.0010	0.0010	0.0030*
Lab Qual.				U	U	U	U	U	B
Val Qual.				U	U	U	U	U	-

1993 RCRA Annual Report Sampling Results
Sample Date of 04/06/93

Parameter	Code	Method	Units	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
Magnesium	(Mg)	200.7	mg/L	62	42	29.1	21.3	55.1	22.9
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L	62.1	41.9	29.1	20.3	53.6	23.8
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Manganese	(Mn)	200.7	mg/L	.0035	.446	.225	.0922	.578	.441
Det. Limit				0.0150*	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.				B					
Val Qual.				-	-	-	-	-	-
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L	ND<.002	.448	.227	.0918	.578	.413
Det. Limit				0.0020	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.				U					
Val Qual.				U	-	-	-	-	-
Mercury	(Hg)	245.1	mg/L	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit				0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit				0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U

0433

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/06/93

Parameter	Code	Method	Units					
Methylene chloride	(MeCl)	624	ug/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	UJ		UJ	UJ	UJ	UJ	U
Nickel	(Ni)	200.7	mg/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.031		ND<.031	ND<.031	ND<.031	ND<.031	ND<.031
Det. Limit	0.0310		0.0310	0.0310	0.0310	0.0310	0.0310
Lab Qual.	U		U	U	U	U	U
Val Qual.	U		U	U	U	U	U
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.031		ND<.031	ND<.031	ND<.031	ND<.031	ND<.031
Det. Limit	0.0310		0.0310	0.0310	0.0310	0.0310	0.0310
Lab Qual.	U		U	U	U	U	U
Val Qual.	U		U	U	U	U	U
Nitrate/Nitrite	(NO3/NO2)	353.2	ug/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	58		ND<50	ND<50	2000	ND<50	ND<50
Det. Limit	100.0000*		50.0000	50.0000	100.0000	50.0000	50.0000
Lab Qual.			U	U		U	U
Val Qual.	-		U	U	-	U	U
Phenols	(Phen)	420.1	mg/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.15		ND<.15	ND<.15	ND<.15	ND<.15	ND<.15
Det. Limit	0.1500		0.1500	0.1500	0.1500	0.1500	0.1500
Lab Qual.	U		U	U	U	U	U
Val Qual.	U		U	U	U	U	U
Radium-226	(Ra-226)	903.1	pCi/l					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.5		.7	.6	ND<.3	.8	.8
Det. Limit	0.5000		1.0000*	1.0000*	0.3000	1.0000*	1.0000*
Lab Qual.	U				U		
Val Qual.	UJ		J	J	UJ	J	J

1993 RCRA Annual Report Sampling Results
Sample Date of 04/06/93

Parameter	Code	Method	Units					
Radium-228	(Ra-228)	904.0	pCi/l					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<2	1.6	2.9	2.9	4.4	1.5
Det. Limit	2.0000	3.0000*	3.0000*	3.0000*	3.0000	3.0000*
Lab Qual.	U					
Val Qual.	U	J	J	J	J	J
Selenium	(Se)	270.2	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.0011	ND<.0027	ND<.0021	ND<.0034	ND<.0035	ND<.0017
Det. Limit	0.0011	0.0027	0.0021	0.0034	0.0035	0.0017
Lab Qual.	B	B	B	BS	B	B
Val Qual.	U	U	U	U	U	U
Selenium, (Dissd.)	(Se dis)	270.2	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	.0011	ND<.001	ND<.001	.0028	.0016	.0015
Det. Limit	0.0050*	0.0010	0.0010	0.0050*	0.0050*	0.0050*
Lab Qual.	BW	UW	UW	B	BW	BW
Val Qual.	J	UJ	UJ	-	J	J
Silver	(Ag)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Silver, (Dissd.)	(Ag dis)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.003	.0059	ND<.003	.0051	ND<.003	ND<.003
Det. Limit	0.0030	0.0100*	0.0030	0.0100*	0.0030	0.0030
Lab Qual.	U	B	U	B	U	U
Val Qual.	U	-	U	-	U	U
Sodium	(Na)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	17.9	13.4	12.7	11	51.7	10
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	J

0433

5217

Parameter	Code	Method	Units					
Sodium, (Dissd.)	(Na dis)	200.7	mg/L					
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	18.5		14.4	13.6	10.9	51.9	11.1
Det. Limit	5.0000		5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.							
Val Qual.	-		-	-	-	-	J
Specific Conductivity	(Cond)	120.1	umhos/cm				
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	760		970	670	490	1300	470
Det. Limit	None		None	None	None	None	None
Lab Qual.							
Val Qual.	-		-	-	-	-	-
Sulfate	(SO4)	9038	mg/L				
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	100		310	110	57	360	9.1
Det. Limit	1.0000		1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.							
Val Qual.	-		-	-	-	-	-
Tetrachloroethene	(TetCEthy)	624	ug/L				
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	UJ		UJ	UJ	UJ	UJ	U
Toluene	(Toluen)	624	ug/L				
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	UJ		UJ	UJ	UJ	UJ	UJ
Trichloroethene	(TCE)	624	ug/L				
	#1064 DN		#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U		U	U	U	U	U
Val Qual.	UJ		UJ	UJ	UJ	UJ	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/06/93

Parameter	Code	Method	Units					
Uranium, Total	(U-Total)	908.1	ug/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	7.1	.9	.4	20.7	.4	.4
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	J	-	-	-	-	-
Vanadium	(Va)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007
Det. Limit	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007
Det. Limit	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Vinyl chloride	(VC)	624	ug/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	UJ	UJ	UJ	UJ	UJ	U
Zinc	(Zn)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	ND<.005	ND<.0054	ND<.0094	ND<.0064	ND<.0054	ND<.0135
Det. Limit	0.0050	0.0054	0.0094	0.0064	0.0054	0.0135
Lab Qual.	B	B	B	B	B	B
Val Qual.	U	U	U	U	U	U
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L					
	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	.002	.0022	.0039	.0064	ND<.002	.0045
Det. Limit	0.0200*	0.0200*	0.0200*	0.0200*	0.0020	0.0200*
Lab Qual.	B	B	B	B	U	B
Val Qual.	-	-	-	-	U	-

0437

5217

0438

1993 RCRA Annual Report Sampling Results
Sample Date of 04/06/93

Parameter	Code	Method	Units
pH	(pH F)	150.1	SU

	#1064 DN	#2051 DN	#2421 DN	#3069 DN	#3421 DN	#4008 DN
	7.6	7.4	7.4	7.6	7.2	7.6
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	-	-	-	-	-	-

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units					
Water elevation	(None)		Feet					
	#2043 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	522.7	522.7	522.57	521.25	522.61	522.8	521.31	522.65	522.78
Det. Limit	None	None	None	None	None	None	None	None	None
Lab Qual.									
Val Qual.									
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L						
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethane	(1,1DCE)	624	ug/L						
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U	U	U	U
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L						
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN			
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10			
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000			
Lab Qual.	U	U	U	U	U	U			
Val Qual.	U	U	U	U	U	U			

0439

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units					
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L					
#2821 DN	#3070 DN		#3106 DN	#3821 DN				
ND<10	ND<10		ND<10	ND<10				
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000	Det. Limit 10.0000				
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U				
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U				
1,2-Dichloroethane	(1,2DCE)	624	ug/L					
#2043 UP	#2066 UP		#3043 UP	#3066 UP	#2070 DN	#2106 DN		
ND<10	ND<10		ND<10	ND<10	ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U	Val Qual. U	Val Qual. U		
#2821 DN	#3070 DN		#3106 DN	#3821 DN				
ND<10	ND<10		ND<10	ND<10				
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000	Det. Limit 10.0000				
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U				
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U				
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L					
#2043 UP	#2066 UP		#3043 UP	#3066 UP	#2070 DN	#2106 DN		
ND<10	ND<10		ND<10	ND<10	ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U	Val Qual. U	Val Qual. U		
#2821 DN	#3070 DN		#3106 DN	#3821 DN				
ND<10	ND<10		ND<10	ND<10				
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000	Det. Limit 10.0000				
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U				
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U				
Acetone	(Acetone)	624	ug/L					
#2043 UP	#2066 UP		#3043 UP	#3066 UP	#2070 DN	#2106 DN		
ND<10	ND<10		ND<10	ND<10	ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U	Val Qual. U	Val Qual. U		
#2821 DN	#3070 DN		#3106 DN	#3821 DN				
ND<10	ND<10		ND<10	ND<10				
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000	Det. Limit 10.0000				
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U				
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U				

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	430000	350000	350000	400000	270000	280000
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	280000	280000	270000	250000
Det. Limit	None	None	None	None
Lab Qual.				
Val Qual.	-	-	-	-

Aluminum	(Al)	200.7	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<.036	ND<.036	ND<.036	ND<.036	ND<.036	.0364
Det. Limit	0.0360	0.0360	0.0360	0.0360	0.0360	0.2000*
Lab Qual.	U	U	U	U	U	B
Val Qual.	U	U	U	U	U	-

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	.0634	ND<.036	ND<.036	ND<.036
Det. Limit	0.2000*	0.0360	0.0360	0.0360
Lab Qual.	B	U	U	U
Val Qual.	-	U	U	U

Aluminum, (Dissd.)	(Al dis)	200.7	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<.036	ND<.036	ND<.036	ND<.036	ND<.036	ND<.036
Det. Limit	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<.036	ND<.036	ND<.036	ND<.036
Det. Limit	0.0360	0.0360	0.0360	0.0360
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U

Arsenic	(As)	206.2	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<.002	.0294	.0141	.145	ND<.0028	ND<.002
Det. Limit	0.0020	0.0100	0.0100	0.0100	0.0028	0.0020
Lab Qual.	U			S	B	U
Val Qual.	U	-	J	-	U	U

Parameter	Code	Method	Units
Arsenic	(As)	206.2	mg/L
Arsenic, (Dissd.)	(As dis)	206.2	mg/L
Barium	(Ba)	200.7	mg/L
Barium, (Dissd.)	(Ba dis)	200.7	mg/L

	#2821 DN	#3070 DN	#3106 DN	#3821 DN	#2070 DN	#2106 DN
	ND<.002	ND<.0042	ND<.002	ND<.002		
Det. Limit	0.0020	0.0042	0.0020	0.0020		
Lab Qual.	UW	B	U	UW		
Val Qual.	U	U	U	U		

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	.0027	.0288	.015	.156	.002	.0023
Det. Limit	0.0100*	0.0100	0.0100	0.0100	0.0100*	0.0100*
Lab Qual.	B			S	B	B
Val Qual.	-	-	-	-	-	-

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<.002	.0028	ND<.002	.0026
Det. Limit	0.0020	0.0100*	0.0020	0.0100*
Lab Qual.	U	B	U	B
Val Qual.	U	-	U	-

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	.261	.768	.292	.584	.0595	.04
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000*	0.2000*
Lab Qual.					B	B
Val Qual.	-	-	-	-	-	-

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	.0421	.0693	.0425	.044
Det. Limit	0.2000*	0.2000*	0.2000*	0.2000*
Lab Qual.	B	B	B	B
Val Qual.	-	-	-	-

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	.285	.82	.309	.627	.0642	.0438
Det. Limit	0.2000	0.2000	0.2000	0.2000	0.2000*	0.2000*
Lab Qual.					B	B
Val Qual.	-	-	-	-	-	-

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	.0471	.0744	.0468	.0467
Det. Limit	0.2000*	0.2000*	0.2000*	0.2000*
Lab Qual.	B	B	B	B
Val Qual.	-	-	-	-

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units
Benzene	(Benzene)	624	ug/L
Beryllium	(Be)	200.7	mg/L
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L
Cadmium	(Cd)	200.7	mg/L

Parameter	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN
Benzene	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U	U	U	U
Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Beryllium	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U	U	U	U
Beryllium, (Dissd.)	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U	U	U	U
Cadmium	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003				
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030				
Lab Qual.	U	U	U	U	U	U				
Val Qual.	U	U	U	U	U	U				

5217

0443

Parameter	Code	Method	Units
Cadmium	(Cd)	200.7	mg/L
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L
Calcium	(Ca)	200.7	mg/L
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L

	#2821 DN	#3070 DN	#3106 DN	#3821 DN	#2070 DN	#2106 DN
	ND<.003	ND<.003	ND<.003	ND<.003		
Det. Limit	0.0030	0.0030	0.0030	0.0030		
Lab Qual.	U	U	U	U		
Val Qual.	U	U	U	U		

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	112	78	94.8	173	94.5	94.9
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	108	108	97.7	90.6
Det. Limit	5.0000	5.0000	5.0000	5.0000
Lab Qual.				
Val Qual.	J	-	-	J

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	123	82.5	100	181	102	105
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	123	118	107	99.9
Det. Limit	5.0000	5.0000	5.0000	5.0000
Lab Qual.				
Val Qual.	J	-	-	J

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units										
Carbon disulfide	(CS2)	624	ug/L										
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN			
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10			
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000			
Lab Qual.	U	U	U	U	U	U	U	U	U	U			
Val Qual.	U	U	U	U	U	U	U	U	U	U			
Chloride	(Chloride)	9252	mg/L										
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN			
	57	69	21	750	39	26	38	17	24	24			
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000			
Lab Qual.													
Val Qual.	-	-	-	-	-	-	-	-	-	-			
Chloroform	(Chlorofm)	624	ug/L										
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN			
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10			
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000			
Lab Qual.	U	U	U	U	U	U	U	U	U	U			
Val Qual.	U	U	U	U	U	U	U	U	U	U			
Chromium	(Cr)	200.7	mg/L										
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN							
	ND<.003	ND<.003	ND<.0032	ND<.003	ND<.003	ND<.003							
Det. Limit	0.0030	0.0030	0.0032	0.0030	0.0030	0.0030							
Lab Qual.	U	U	B	U	U	U							
Val Qual.	U	U	U	U	U	U							

0445

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units					
Chromium	(Cr)	200.7	mg/L					
	#2821 DN	#3070 DN	#3106 DN	#3821 DN				
	ND<.0152	ND<.003	ND<.003	ND<.003				
Det. Limit	0.0152	0.0030	0.0030	0.0030				
Lab Qual.		U	U	B				
Val Qual.	U	U	U	U				
Cobalt	(Co)	200.7	mg/L					
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN		
	ND<.009	ND<.009	ND<.009	ND<.009	ND<.009	ND<.009		
Det. Limit	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	U		
	#2821 DN	#3070 DN	#3106 DN	#3821 DN				
	ND<.009	ND<.009	ND<.009	ND<.009				
Det. Limit	0.0090	0.0090	0.0090	0.0090				
Lab Qual.	U	U	U	U				
Val Qual.	U	U	U	U				
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L					
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN		
	ND<.009	ND<.009	ND<.009	ND<.009	ND<.009	ND<.009		
Det. Limit	0.0090	0.0090	0.0090	0.0090	0.0090	0.0090		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	U		
	#2821 DN	#3070 DN	#3106 DN	#3821 DN				
	ND<.009	ND<.009	ND<.009	ND<.009				
Det. Limit	0.0090	0.0090	0.0090	0.0090				
Lab Qual.	U	U	U	U				
Val Qual.	U	U	U	U				
Copper	(Cu)	200.7	mg/L					
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN		
	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005		
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	U		
	#2821 DN	#3070 DN	#3106 DN	#3821 DN				
	.0052	ND<.005	ND<.005	ND<.005				
Det. Limit	0.0250*	0.0050	0.0050	0.0050				
Lab Qual.	B	U	U	U				
Val Qual.	-	U	U	U				

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units
Copper, (Dissd.)	(Cu dis)	200.7	mg/L
Fluoride	(Flrd)	340.2	ug/L
Gross Alpha	(Alpha)	UNKNOWN	pCi/l
Gross Beta	(Beta)	900.0	pCi/l

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
Copper, (Dissd.)	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Fluoride	540	940	250	ND<150	ND<150	200
Det. Limit	100.0000	100.0000	100.0000	150.0000	150.0000	100.0000
Lab Qual.				U	U	
Val Qual.	-	-	-	U	U	-
Gross Alpha	5	4.1	ND<3.5	11.3	ND<2.5	28.3
Det. Limit	2.0000	2.0000	3.5000	2.0000	2.5000	2.0000
Lab Qual.			U		U	
Val Qual.	NV	NV	NV	NV	NV	NV
Gross Beta	6.6	ND<3.6	ND<4	13.7	ND<3.2	26.9
Det. Limit	4.0000	3.6000	4.0000	4.0000	3.2000	4.0000
Lab Qual.		U	U		U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
Copper, (Dissd.)	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U
Fluoride	170	ND<150	ND<150	190
Det. Limit	100.0000	150.0000	150.0000	100.0000
Lab Qual.		U	U	
Val Qual.	-	U	U	-
Gross Alpha	15.4	3.3	ND<2.8	10
Det. Limit	2.0000	2.0000	2.8000	2.0000
Lab Qual.			U	
Val Qual.	NV	NV	NV	NV

2917

Parameter	Code	Method	Units
Gross Beta	(Beta)	900.0	pCi/l
Iron	(Fe)	200.7	mg/L
Iron, (Dissd.)	(Fe dis)	200.7	mg/L
Lead	(Pb)	239.2	mg/L

Parameter	#2821 DN	#3070 DN	#3106 DN	#3821 DN	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
Gross Beta	36.4	7.7	ND<3.8	10.9						
Det. Limit	4.0000	4.0000	3.8000	4.0000						
Lab Qual.			U							
Val Qual.	NV	NV	NV	NV						
Iron					1.28	2.07	4.6	20.9	1.3	.0988
Det. Limit					0.1000	0.1000	0.1000	0.1000	0.1000	0.1000*
Lab Qual.										B
Val Qual.					-	-	-	-	-	-
Iron	.445	2.4	.0435	.152						
Det. Limit	0.1000	0.1000	0.1000*	0.1000						
Lab Qual.			B							
Val Qual.	-	-	-	-						
Iron, (Dissd.)					1.4	2.1	4.85	22	1.43	ND<.012
Det. Limit					0.1000	0.1000	0.1000	0.1000	0.1000	0.0120
Lab Qual.										U
Val Qual.					-	-	-	-	-	U
Iron, (Dissd.)	ND<.012	2.56	ND<.012	ND<.116						
Det. Limit	0.0120	0.1000	0.0120	0.1160						
Lab Qual.	U		U							
Val Qual.	U	-	U	U						
Lead					ND<.002	.002	ND<.002	ND<.002	.003	ND<.002
Det. Limit					0.0020	0.0030*	0.0020	0.0020	0.0030	0.0020
Lab Qual.					U	B	U	U	W	U
Val Qual.					U	J	U	U	J	U
Lead	.005	.0025	ND<.002	ND<.002						
Det. Limit	0.0030	0.0030*	0.0020	0.0020						
Lab Qual.	W	B	U	U						
Val Qual.	J	J	U	U						

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units
Lead, (Dissd.)	(Pb dis)	239.2	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Lab Qual.	U	U	U	UW	U	U
Val Qual.	U	U	U	U	U	U

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit	0.0020	0.0020	0.0020	0.0020
Lab Qual.	UW	U	U	U
Val Qual.	U	U	U	U

Magnesium	(Mg)	200.7	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	39	30.1	27.9	56.4	26.4	23
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	J

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	26.5	26.5	23.7	22.3
Det. Limit	5.0000	5.0000	5.0000	5.0000
Lab Qual.				
Val Qual.	J	-	J	-

Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	41.5	31.5	28.7	58.4	27.9	25.5
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	J

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	29.4	28.2	26.2	23.2
Det. Limit	5.0000	5.0000	5.0000	5.0000
Lab Qual.				
Val Qual.	J	-	J	-

Manganese	(Mn)	200.7	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	.135	.0272	.0617	.125	.258	ND<.002
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0020
Lab Qual.						U
Val Qual.	J	-	-	-	J	U

0449

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units
Manganese	(Mn)	200.7	mg/L

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	.0572	.378	.0263	.718
Det. Limit	0.0150	0.0150	0.0150	0.0150
Lab Qual.				
Val Qual.	-	-	-	J

Manganese, (Dissd.)	(Mn dis)	200.7	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	.153	.0297	.0648	.131	.296	ND<.002
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0020
Lab Qual.						U
Val Qual.	J	-	-	-	J	U

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	.0106	.409	.0068	.795
Det. Limit	0.0150*	0.0150	0.0150*	0.0150
Lab Qual.	B		B	
Val Qual.	-	-	-	J

Mercury	(Hg)	245.1	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U

Mercury, (Dissd.)	(Hg dis)	245.1	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units
Methylene chloride	(MeCl)	624	ug/L
Nickel	(Ni)	200.7	mg/L
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L
Nitrate/Nitrite	(NO3/NO2)	353.2	ug/L

Methylene chloride	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

Methylene chloride	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U

Nickel	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031
Det. Limit	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

Nickel	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<.031	ND<.031	ND<.031	ND<.031
Det. Limit	0.0310	0.0310	0.0310	0.0310
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U

Nickel, (Dissd.)	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031
Det. Limit	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

Nickel, (Dissd.)	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<.031	ND<.031	ND<.031	ND<.031
Det. Limit	0.0310	0.0310	0.0310	0.0310
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U

Nitrate/Nitrite	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	51	ND<50	ND<50	ND<50	ND<50	1400
Det. Limit	100.0000*	50.0000	50.0000	50.0000	50.0000	100.0000
Lab Qual.		U	U	U	U	
Val Qual.	-	U	U	U	U	-

04551

5917

Parameter	Code	Method	Units
Nitrate/Nitrite	(NO3/NO2)	353.2	ug/L

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	2600	ND<50	ND<50	ND<50
Det. Limit	100.0000	50.0000	50.0000	50.0000
Lab Qual.		U	U	U
Val Qual.	-	U	U	U

Phenols	(Phen)	420.1	mg/L

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<.15	ND<.15	ND<.15	ND<.15	ND<.15	ND<.15
Det. Limit	0.1500	0.1500	0.1500	0.1500	0.1500	0.1500
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<.15	ND<.15	ND<.15	ND<.15
Det. Limit	0.1500	0.1500	0.1500	0.1500
Lab Qual.	U	U	U	U
Val Qual.	U	U	U	U

Radium-226	(Ra-226)	903.1	pCi/l

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	1.1	1.4	1.3	.8	.5	ND<.6
Det. Limit	1.0000	1.0000	1.0000	1.0000*	1.0000*	0.6000
Lab Qual.						U
Val Qual.	-	J	-	J	J	U

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	.5	ND<.5	ND<.5	.6
Det. Limit	1.0000*	0.5000	0.5000	1.0000*
Lab Qual.		U	U	
Val Qual.	J	U	U	J

Radium-228	(Ra-228)	904.0	pCi/l

	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
	ND<2.8	1.5	ND<3	3.1	3	1.1
Det. Limit	2.8000	3.0000*	3.0000	3.0000	3.0000	3.0000*
Lab Qual.	U		U			U
Val Qual.	U	-	U	-	J	-

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<1.9	ND<2.9	ND<2.7	1.8
Det. Limit	1.9000	2.9000	2.7000	3.0000*
Lab Qual.	U	U	U	
Val Qual.	U	U	U	J

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units
Selenium	(Se)	270.2	mg/L
Selenium, (Dissd.)	(Se dis)	270.2	mg/L
Silver	(Ag)	200.7	mg/L
Silver, (Dissd.)	(Ag dis)	200.7	mg/L

Parameter	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN
Selenium	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
Lab Qual.	U	UW	UW	U	UW	U	U	UW	U	U
Val Qual.	U	UJ	UJ	U	UJ	U	U	UJ	U	U
Selenium, (Dissd.)	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002	ND<.01	ND<.002	ND<.002
Det. Limit	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0100	0.0020	0.0020
Lab Qual.	UW	U	UW	U	UW	UW	UW	U	UW	UW
Val Qual.	UJ	UJ	UJ	U	UJ	UJ	UJ	U	UJ	UJ
Silver	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.0036	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0036	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U	U	B	U	U
Val Qual.	U	U	U	U	U	U	U	U	U	U
Silver, (Dissd.)	.0031	ND<.003	ND<.003	ND<.003	.0046	.0051				
Det. Limit	0.0100*	0.0030	0.0030	0.0030	0.0100*	0.0100*				
Lab Qual.	B	U	U	U	B	B				
Val Qual.	-	U	U	U	-	-				

0453

5217

Parameter	Code	Method	Units
Silver, (Dissd.)	(Ag dis)	200.7	mg/L
Sodium	(Na)	200.7	mg/L
Sodium, (Dissd.)	(Na dis)	200.7	mg/L
Specific Conductivity	(Cond)	120.1	umhos/cm

Parameter	#2821 DN	#3070 DN	#3106 DN	#3821 DN	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN
Silver, (Dissd.)	ND<.003	ND<.003	ND<.003	ND<.003						
Det. Limit	0.0030	0.0030	0.0030	0.0030						
Lab Qual.	U	U	U	U						
Val Qual.	U	U	U	U						
Sodium					36.5	46.6	13.4	294	19.6	13.2
Det. Limit					5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.										
Val Qual.					J	-	-	-	-	J
Sodium	13.7	9.38	11.4	12.1						
Det. Limit	5.0000	5.0000	5.0000	5.0000						
Lab Qual.										
Val Qual.	J	-	J	-						
Sodium, (Dissd.)					40.2	51	14.6	321	21.1	14.6
Det. Limit					5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.										
Val Qual.					J	-	-	-	-	J
Sodium	15.8	10.2	13.1	13.4						
Det. Limit	5.0000	5.0000	5.0000	5.0000						
Lab Qual.										
Val Qual.	J	-	J	-						
Specific Conductivity					860	680	570	2600	600	560
Det. Limit					None	None	None	None	None	None
Lab Qual.										
Val Qual.					-	-	-	-	-	-
Specific Conductivity	660	610	550	520						
Det. Limit	None	None	None	None						
Lab Qual.										
Val Qual.	-	-	-	-						

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units						
Sulfate	(SO4)	9038	mg/L						
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	25	.062	ND<.059	ND<.059	69	94	77	110	77	70
Det. Limit	1.0000	1.0000*	0.0590	0.0590	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.			U	U						
Val Qual.	-	-	U	U	-	-	-	-	-	-
Tetrachloroethene	(TetCEthy)	624	ug/L						
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U	U	U	U
Toluene	(Toluen)	624	ug/L						
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U	U	U	U
Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Trichloroethene	(TCE)	624	ug/L						
	#2043 UP	#2066 UP	#3043 UP	#3066 UP	#2070 DN	#2106 DN				
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10				
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000				
Lab Qual.	U	U	U	U	U	U				
Val Qual.	U	U	U	U	U	U				

0455

5217

0450

52172

Parameter	Code	Method	Units				
Trichloroethene	(TCE)	624	ug/L				
#2821 DN	#3070 DN		#3106 DN	#3821 DN			
ND<10	ND<10		ND<10	ND<10			
Det. Limit 10.0000	Det. Limit 10.0000		Det. Limit 10.0000	Det. Limit 10.0000			
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U			
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U			
Uranium, Total	(U-Total)	908.1	ug/L				
#2043 UP	#2066 UP		#3043 UP	#3066 UP	#2070 DN	#2106 DN	
.2	.1		.2	.1	1.2	67.9	
Det. Limit 0.1000	Det. Limit 0.1000		Det. Limit 0.1000	Det. Limit 0.1000	Det. Limit 0.1000	Det. Limit 0.1000	
Lab Qual.	Lab Qual.		Lab Qual.	Lab Qual.	Lab Qual.	Lab Qual.	
Val Qual. J	Val Qual. -		Val Qual. J	Val Qual. -	Val Qual. -	Val Qual. -	
#2821 DN	#3070 DN		#3106 DN	#3821 DN			
32.6	.3		1.6	11.3			
Det. Limit 0.1000	Det. Limit 0.1000		Det. Limit 0.1000	Det. Limit 0.1000			
Lab Qual.	Lab Qual.		Lab Qual.	Lab Qual.			
Val Qual. -	Val Qual. J		Val Qual. -	Val Qual. -			
Vanadium	(Va)	200.7	mg/L				
#2043 UP	#2066 UP		#3043 UP	#3066 UP	#2070 DN	#2106 DN	
ND<.007	ND<.007		ND<.007	ND<.007	ND<.007	ND<.007	
Det. Limit 0.0070	Det. Limit 0.0070		Det. Limit 0.0070	Det. Limit 0.0070	Det. Limit 0.0070	Det. Limit 0.0070	
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U	
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U	Val Qual. U	Val Qual. U	
#2821 DN	#3070 DN		#3106 DN	#3821 DN			
ND<.007	ND<.007		ND<.007	ND<.007			
Det. Limit 0.0070	Det. Limit 0.0070		Det. Limit 0.0070	Det. Limit 0.0070			
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U			
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U			
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L				
#2043 UP	#2066 UP		#3043 UP	#3066 UP	#2070 DN	#2106 DN	
ND<.007	ND<.007		ND<.007	ND<.007	ND<.007	ND<.007	
Det. Limit 0.0070	Det. Limit 0.0070		Det. Limit 0.0070	Det. Limit 0.0070	Det. Limit 0.0070	Det. Limit 0.0070	
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U	
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U	Val Qual. U	Val Qual. U	
#2821 DN	#3070 DN		#3106 DN	#3821 DN			
ND<.007	ND<.007		ND<.007	ND<.007			
Det. Limit 0.0070	Det. Limit 0.0070		Det. Limit 0.0070	Det. Limit 0.0070			
Lab Qual. U	Lab Qual. U		Lab Qual. U	Lab Qual. U			
Val Qual. U	Val Qual. U		Val Qual. U	Val Qual. U			

Parameter	Code	Method	Units										
Vinyl chloride	(VC)	624	ug/L										
	#2043 UP		#2066 UP		#3043 UP		#3066 UP		#2070 DN		#2106 DN		
	ND<10		ND<10		ND<10		ND<10		ND<10		ND<10		
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		
	#2821 DN		#3070 DN		#3106 DN		#3821 DN						
	ND<10		ND<10		ND<10		ND<10						
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000						
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U						
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U						
Zinc	(Zn)	200.7	mg/L										
	#2043 UP		#2066 UP		#3043 UP		#3066 UP		#2070 DN		#2106 DN		
	ND<.0041		ND<.0034		ND<.0044		ND<.0039		ND<.0115		ND<.0056		
Det. Limit	0.0041	Det. Limit	0.0034	Det. Limit	0.0044	Det. Limit	0.0039	Det. Limit	0.0115	Det. Limit	0.0056		
Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U		
	#2821 DN		#3070 DN		#3106 DN		#3821 DN						
	ND<.0088		ND<.0037		ND<.0069		ND<.0058						
Det. Limit	0.0088	Det. Limit	0.0037	Det. Limit	0.0069	Det. Limit	0.0058						
Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B						
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U						
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L										
	#2043 UP		#2066 UP		#3043 UP		#3066 UP		#2070 DN		#2106 DN		
	ND<.002		ND<.002		ND<.002		ND<.002		.0027		ND<.002		
Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0200*	Det. Limit	0.0020		
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	B	Lab Qual.	U		
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	-	Val Qual.	U		
	#2821 DN		#3070 DN		#3106 DN		#3821 DN						
	.0027		ND<.002		ND<.002		.0074						
Det. Limit	0.0200*	Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0200*						
Lab Qual.	B	Lab Qual.	U	Lab Qual.	U	Lab Qual.	B						
Val Qual.	-	Val Qual.	U	Val Qual.	U	Val Qual.	-						
pH	(pH F)	150.1	SU										
	#2043 UP		#2066 UP		#3043 UP		#3066 UP		#2070 DN		#2106 DN		
	7.4		7.5		7.3		7.1		7.3		7.4		
Det. Limit	None	Det. Limit	None	Det. Limit	None	Det. Limit	None	Det. Limit	None	Det. Limit	None		
Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.			
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-		

5217

045

1993 RCRA Annual Report Sampling Results
Sample Date of 04/07/93

Parameter	Code	Method	Units
pH	(pH F)	150.1	SU

	#2821 DN	#3070 DN	#3106 DN	#3821 DN
	7.3	7.4	7.5	7.4
Det. Limit	None	None	None	None
Lab Qual.				
Val Qual.	-	-	-	-

0458

Parameter	Code	Method	Units					
Water elevation	(None)		Feet					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN		
	522.64	522.27	522.47	521.47	522.56	522.3		
Det. Limit	None	None	None	None	None	None		
Lab Qual.								
Val Qual.								
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	U		
	#4011 DN	#4011 DN Dup.						
	ND<10	ND<10						
Det. Limit	10.0000	10.0000						
Lab Qual.	U	U						
Val Qual.	U	U						
1,1-Dichloroethane	(1,1DCE)	624	ug/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	UJ	U	UJ	U	UJ		
	#4011 DN	#4011 DN Dup.						
	ND<10	ND<10						
Det. Limit	10.0000	10.0000						
Lab Qual.	U	U						
Val Qual.	U	U						
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	U		
	#4011 DN	#4011 DN Dup.						
	ND<10	ND<10						
Det. Limit	10.0000	10.0000						
Lab Qual.	U	U						
Val Qual.	U	U						

0459

5217

Parameter	Code	Method	Units					
1,2-Dichloroethane	(1,2DCE)	624	ug/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U	U
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U	U
Acetone	(Acetone)	624	ug/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U	U
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN		
	280000	460000	340000	330000	340000	410000		
Det. Limit	None	None	None	None	None	None		
Lab Qual.								
Val Qual.	-	-	-	-	-	-		

5212

0400

1993 RCRA Annual Report Sampling Results
Sample Date of 04/08/93

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

	#4011 DN	#4011 DN Dup.
	410000	410000
Det. Limit	None	None
Lab Qual.		
Val Qual.	-	-

Aluminum	(Al)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.036	ND<.0381	ND<.036	ND<.036	.467	ND<.036
Det. Limit	0.0360	0.0381	0.0360	0.0360	0.2000	0.0360
Lab Qual.	U	B	U	U		U
Val Qual.	U	U	U	U	-	U

	#4011 DN	#4011 DN Dup.
	ND<.097	ND<.1
Det. Limit	0.0970	0.1000
Lab Qual.	B	B
Val Qual.	U	U

Aluminum, (Dissd.)	(Al dis)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.036	ND<.036	ND<.036	ND<.036	ND<.036	ND<.036
Det. Limit	0.0360	0.0360	0.0360	0.0360	0.0360	0.0360
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.036	ND<.036
Det. Limit	0.0360	0.0360
Lab Qual.	U	U
Val Qual.	U	U

Arsenic	(As)	206.2	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.002	ND<.002	.0021	ND<.002	.0022	ND<.002
Det. Limit	0.0020	0.0020	0.0100*	0.0020	0.0100*	0.0020
Lab Qual.	U	U	B	U	BW	U
Val Qual.	U	U	-	U	J	U

	#4011 DN	#4011 DN Dup.
	ND<.002	ND<.002
Det. Limit	0.0020	0.0020
Lab Qual.	U	U
Val Qual.	U	U

5217

0461

1993 RCRA Annual Report Sampling Results
Sample Date of 04/08/93

Parameter	Code	Method	Units										
Arsenic, (Dissd.)	(As dis)	206.2	mg/L										
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.					
	ND<.002	ND<.002	.0022	ND<.002	ND<.002	.0029	ND<.002	ND<.002					
Det. Limit	0.0020	0.0020	0.0100*	0.0020	0.0020	0.0100*	0.0020	0.0020					
Lab Qual.	UW	UW	B	U	U	BW	U	U					
Val Qual.	U	U	-	U	U	J	U	U					
Barium	(Ba)	200.7	mg/L										
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.					
	.0452	.0554	.0937	.0585	.237	ND<.029	.367	.358					
Det. Limit	0.2000*	0.2000*	0.2000*	0.2000*	0.2000	0.0290	0.2000	0.2000					
Lab Qual.	B	B	B	B		U							
Val Qual.	-	-	-	-	-	U	-	-					
Barium, (Dissd.)	(Ba dis)	200.7	mg/L										
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.					
	.0464	.0558	.0907	.0539	.181	ND<.029	.371	.368					
Det. Limit	0.2000*	0.2000*	0.2000*	0.2000*	0.2000*	0.0290	0.2000	0.2000					
Lab Qual.	B	B	B	B	B	U							
Val Qual.	-	-	-	-	-	U	-	-					
Benzene	(Benzene)	624	ug/L										
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN							
	ND<10	ND<10	ND<10	.3	ND<10	ND<10							
Det. Limit	10.0000	10.0000	10.0000	10.0000*	10.0000	10.0000							
Lab Qual.	U	U	U	J	U	U							
Val Qual.	UJ	UJ	UJ	J	UJ	UJ							

1993 RCRA Annual Report Sampling Results
Sample Date of 04/08/93

Parameter	Code	Method	Units
Benzene	(Benzene)	624	ug/L

	#4011 DN	#4011 DN Dup.
	ND<10	ND<10
Det. Limit	10.0000	10.0000
Lab Qual.	U	U
Val Qual.	UJ	UJ

Beryllium (Be) 200.7 mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.001	ND<.001
Det. Limit	0.0010	0.0010
Lab Qual.	U	U
Val Qual.	U	U

Beryllium, (Dissd.) (Be dis) 200.7 mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.001	ND<.001
Det. Limit	0.0010	0.0010
Lab Qual.	U	U
Val Qual.	U	U

Cadmium (Cd) 200.7 mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	.0022	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit	0.0050*	0.0020	0.0020	0.0020	0.0020	0.0020
Lab Qual.	B	U	U	U	U	U
Val Qual.	-	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.002	ND<.002
Det. Limit	0.0020	0.0020
Lab Qual.	U	U
Val Qual.	U	U

0463

5217

Parameter	Code	Method	Units					
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.
	ND<.002	ND<.002	.0022	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit	0.0020	0.0020	0.0050*	0.0020	0.0020	0.0020	0.0020	0.0020
Lab Qual.	U	U	B	U	U	U	U	U
Val Qual.	U	U	-	U	U	U	U	U
Calcium	(Ca)	200.7	mg/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.
	102	277	171	103	107	311	129	125
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.								
Val Qual.	-	-	-	-	-	-	-	-
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.
	102	294	171	103	105	311	131	129
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.								
Val Qual.	-	-	-	-	-	-	-	-
Carbon disulfide	(CS2)	624	ug/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN		
	ND<10	ND<10	ND<10	.5	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000*	10.0000	10.0000		
Lab Qual.	U	U	U	J	U	U		
Val Qual.	U	UJ	U	J	U	UJ		

Parameter	Code	Method	Units
Carbon disulfide	(CS2)	624	ug/L

	#4011 DN	#4011 DN Dup.
	ND<10	ND<10
Det. Limit	10.0000	10.0000
Lab Qual.	U	U
Val Qual.	U	U

Chloride (Chloride) 9252 mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	31	190	150	24	22	260
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#4011 DN	#4011 DN Dup.
	37	37
Det. Limit	1.0000	1.0000
Lab Qual.		
Val Qual.	-	-

Chloroform (Chlorofm) 624 ug/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<10	ND<10	ND<10	.3	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000*	10.0000	10.0000
Lab Qual.	U	U	U	J	U	U
Val Qual.	U	U	U	J	U	U

	#4011 DN	#4011 DN Dup.
	ND<10	ND<10
Det. Limit	10.0000	10.0000
Lab Qual.	U	U
Val Qual.	U	U

Chromium (Cr) 200.7 mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.003	.0036	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0100*	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	B	U	U	U	U
Val Qual.	U	-	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.003	ND<.003
Det. Limit	0.0030	0.0030
Lab Qual.	U	U
Val Qual.	U	U

0465

5217

Parameter	Code	Method	Units
Cobalt	(Co)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008
Det. Limit	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.008	ND<.008
Det. Limit	0.0080	0.0080
Lab Qual.	U	U
Val Qual.	U	U

Cobalt, (Dissd.)	(Co dis)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008
Det. Limit	0.0080	0.0080	0.0080	0.0080	0.0080	0.0080
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.008	ND<.008
Det. Limit	0.0080	0.0080
Lab Qual.	U	U
Val Qual.	U	U

Copper	(Cu)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.004	ND<.0041	ND<.004	ND<.0785	ND<.0051	ND<.004
Det. Limit	0.0040	0.0041	0.0040	0.0785	0.0051	0.0040
Lab Qual.	U	B	U		B	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.004	ND<.004
Det. Limit	0.0040	0.0040
Lab Qual.	U	U
Val Qual.	U	U

Copper, (Dissd.)	(Cu dis)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.004	ND<.0062	ND<.004	ND<.004	ND<.004	ND<.004
Det. Limit	0.0040	0.0062	0.0040	0.0040	0.0040	0.0040
Lab Qual.	U	B	U	U	U	U
Val Qual.	U	U	U	U	U	U

Parameter	Code	Method	Units
Copper, (Dissd.)	(Cu dis)	200.7	mg/L

	#4011 DN	#4011 DN Dup.
	ND<.004	ND<.004
Det. Limit	0.0040	0.0040
Lab Qual.	U	U
Val Qual.	U	U

Fluoride	(Flrd)	340.2	ug/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	200	ND<150	240	ND<150	240	ND<150
Det. Limit	100.0000	150.0000	100.0000	150.0000	100.0000	150.0000
Lab Qual.		U		U		U
Val Qual.	-	U	-	U	-	U

	#4011 DN	#4011 DN Dup.
	380	380
Det. Limit	100.0000	100.0000
Lab Qual.		
Val Qual.	-	-

Gross Alpha	(Alpha)	900.0	pCi/l

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	6.4	13.7	ND<7.8	ND<3.1	ND<4	30.8
Det. Limit	2.0000	2.0000	7.8000	3.1000	4.0000	2.0000
Lab Qual.			U	U	U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN	#4011 DN Dup.
	ND<2.9	ND<4.4
Det. Limit	2.9000	4.4000
Lab Qual.	U	U
Val Qual.	NV	NV

Gross Beta	(Beta)	900.0	pCi/l

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	11.9	26.1	145	ND<3.8	ND<3.3	38.2
Det. Limit	4.0000	4.0000	4.0000	3.8000	3.3000	4.0000
Lab Qual.				U	U	
Val Qual.	NV	NV	NV	NV	NV	NV

	#4011 DN	#4011 DN Dup.
	ND<4.5	ND<3.4
Det. Limit	4.5000	3.4000
Lab Qual.	U	U
Val Qual.	NV	NV

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/08/93

Parameter	Code	Method	Units
Iron	(Fe)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.0183	3.59	ND<.012	6.39	7.37	ND<.0278
Det. Limit	0.0183	0.1000	0.0120	0.1000	0.1000	0.0278
Lab Qual.	B		U			B
Val Qual.	U	-	U	-	-	U

	#4011 DN	#4011 DN Dup.
	3.16	3.09
Det. Limit	0.1000	0.1000
Lab Qual.		
Val Qual.	-	-

Iron, (Dissd.)	(Fe dis)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.012	2.48	ND<.012	4.79	1.07	.0156
Det. Limit	0.0120	0.1000	0.0120	0.1000	0.1000	0.1000*
Lab Qual.	U		U			B
Val Qual.	U	-	U	-	-	-

	#4011 DN	#4011 DN Dup.
	2.99	2.92
Det. Limit	0.1000	0.1000
Lab Qual.		
Val Qual.	-	-

Lead	(Pb)	239.2	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.001	ND<.0021	ND<.001	ND<.003	ND<.0017	ND<.001
Det. Limit	0.0010	0.0021	0.0010	0.0030	0.0017	0.0010
Lab Qual.	U	B	U		B	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.001	ND<.001
Det. Limit	0.0010	0.0010
Lab Qual.	U	U
Val Qual.	U	U

Lead, (Dissd.)	(Pb dis)	239.2	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.001	ND<.0018	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0018	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	B	U	U	U	U
Val Qual.	U	U	U	U	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/08/93

Parameter	Code	Method	Units
Lead, (Dissd.)	(Pb dis)	239.2	mg/L

	#4011 DN	#4011 DN Dup.
	ND<.001	ND<.001
Det. Limit	0.0010	0.0010
Lab Qual.	U	U
Val Qual.	U	U

Magnesium (Mg) 200.7 mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	25.1	95.4	80.2	26.6	28.3	98.6
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.					B	
Val Qual.	-	-	-	-	-	-

	#4011 DN	#4011 DN Dup.
	34.5	33.4
Det. Limit	5.0000	5.0000
Lab Qual.		
Val Qual.	-	-

Magnesium, (Dissd.) (Mg dis) 200.7 mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	25.8	97.4	78.9	24.6	27.9	94.2
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#4011 DN	#4011 DN Dup.
	34.8	34.7
Det. Limit	5.0000	5.0000
Lab Qual.		
Val Qual.	-	-

Manganese (Mn) 200.7 mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.0055	.932	.223	.393	.204	3.22
Det. Limit	0.0055	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.	B					
Val Qual.	U	-	-	-	-	-

	#4011 DN	#4011 DN Dup.
	.189	.183
Det. Limit	0.0150	0.0150
Lab Qual.		
Val Qual.	-	-

0469

5217

0470

Parameter	Code	Method	Units
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.0038	1.02	.217	.345	.166	3.21
Det. Limit	0.0038	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.	B					
Val Qual.	U	-	-	-	-	-

	#4011 DN	#4011 DN Dup.
	.189	.183
Det. Limit	0.0150	0.0150
Lab Qual.		
Val Qual.	-	-

Mercury	(Hg)	245.1	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002
Lab Qual.	U	U
Val Qual.	U	U

Mercury, (Dissd.)	(Hg dis)	245.1	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002
Lab Qual.	U	U
Val Qual.	U	U

Methylene chloride	(MeCl)	624	ug/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<10	ND<10	ND<10	.7	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000*	10.0000	10.0000
Lab Qual.	U	U	U	J	U	U
Val Qual.	U	U	U	J	U	U

5212

Parameter	Code	Method	Units
Methylene chloride	(MeCl)	624	ug/L

	#4011 DN	#4011 DN Dup.
	ND<10	ND<10
Det. Limit	10.0000	10.0000
Lab Qual.	U	U
Val Qual.	U	U

Nickel — (Ni) — 200.7 — mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031
Det. Limit	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.031	ND<.031
Det. Limit	0.0310	0.0310
Lab Qual.	U	U
Val Qual.	U	U

Nickel, (Dissd.) — (Ni dis) — 200.7 — mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031	ND<.031
Det. Limit	0.0310	0.0310	0.0310	0.0310	0.0310	0.0310
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.031	ND<.031
Det. Limit	0.0310	0.0310
Lab Qual.	U	U
Val Qual.	U	U

Nitrate/Nitrite — (NO3/NO2) — 353.2 — ug/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	1600	27000	79000	ND<50	ND<50	54000
Det. Limit	100.0000	100.0000	100.0000	50.0000	50.0000	100.0000
Lab Qual.				U	U	
Val Qual.	-	-	-	U	U	-

	#4011 DN	#4011 DN Dup.
	ND<50	ND<50
Det. Limit	50.0000	50.0000
Lab Qual.	U	U
Val Qual.	U	U

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/08/93

Parameter	Code	Method	Units
Phenols	(Phen)	420.1	mg/L
Radium-226	(Ra-226)	903.1	pCi/l
Radium-228	(Ra-228)	904.0	pCi/l
Selenium	(Se)	270.2	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
Phenols	ND<.15	ND<.15	ND<.15	ND<.15	ND<.15	ND<.15
Det. Limit	0.1500	0.1500	0.1500	0.1500	0.1500	0.1500
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Radium-226	ND<.5	ND<.6	.7	ND<.4	ND<.6	.7
Det. Limit	0.5000	0.6000	1.0000*	0.4000	0.6000	1.0000*
Lab Qual.	U	U		U	U	
Val Qual.	UJ	UJ	J	UJ	UJ	J
Radium-228	1.6	ND<1.6	ND<1.6	ND<2.2	ND<1.6	ND<2.1
Det. Limit	3.0000*	1.6000	1.6000	2.2000	1.6000	2.1000
Lab Qual.		U	U	U	U	U
Val Qual.	-	U	U	U	U	U
Selenium	ND<.001	ND<.001	ND<.001	ND<.001	.0013	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0050*	0.0010
Lab Qual.	UN	UWN	UWN	UWN	BN	UWN
Val Qual.	UJ	UJ	UJ	UJ	J	UJ

	#4011 DN	#4011 DN Dup.
Phenols	ND<.15	ND<.15
Det. Limit	0.1500	0.1500
Lab Qual.	U	U
Val Qual.	U	U
Radium-226	ND<.5	ND<.5
Det. Limit	0.5000	0.5000
Lab Qual.	U	U
Val Qual.	UJ	UJ
Radium-228	1.9	2.4
Det. Limit	3.0000*	3.0000*
Lab Qual.		
Val Qual.	-	-

Parameter	Code	Method	Units
Selenium	(Se)	270.2	mg/L

	#4011 DN	#4011 DN Dup.
	ND<.001	ND<.001
Det. Limit	0.0010	0.0010
Lab Qual.	UWN	UWN
Val Qual.	UJ	UJ

Selenium, (Dissd.)	(Se dis)	270.2	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	.0014
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0050*
Lab Qual.	UWN	UN	UWN	UWN	U	BN
Val Qual.	UJ	UJ	UJ	UJ	UJ	J

	#4011 DN	#4011 DN Dup.
	ND<.001	.0016
Det. Limit	0.0010	0.0050*
Lab Qual.	UWN	BWN
Val Qual.	UJ	J

Silver	(Ag)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.003	ND<.003
Det. Limit	0.0030	0.0030
Lab Qual.	U	U
Val Qual.	U	U

Silver, (Dissd.)	(Ag dis)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.003	ND<.003
Det. Limit	0.0030	0.0030
Lab Qual.	U	U
Val Qual.	U	U

0473

5217

0474

5212

1993 RCRA Annual Report Sampling Results
Sample Date of 04/08/93

Parameter	Code	Method	Units					
Sodium	(Na)	200.7	mg/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.
	16.8	73.8	61.2	11.2	11.9	78.6	33.8	32.7
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.								
Val Qual.	-	-	-	-	-	-	-	-
Sodium, (Dissd.)	(Na dis)	200.7	mg/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.
	17.2	75.1	58.6	10.2	12.5	78.2	34.1	35.1
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.								
Val Qual.	-	-	-	-	-	-	-	-
Specific Conductivity	(Cond)	120.1	umhos/cm					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN	#4011 DN	#4011 DN Dup.
	660	2100	1900	650	670	2400	900	880
Det. Limit	None	None	None	None	None	None	None	None
Lab Qual.								
Val Qual.	-	-	-	-	-	-	-	-
Sulfate	(SO4)	9038	mg/L					
	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN		
	77	420	130	77	43	450		
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000		
Lab Qual.								
Val Qual.	-	-	-	-	-	-		

Parameter	Code	Method	Units
Sulfate	(SO4)	9038	mg/L

	#4011 DN	#4011 DN Dup.
	88	88
Det. Limit	1.0000	1.0000
Lab Qual.		
Val Qual.	-	-

Tetrachloroethene (TetCEthy) 624 ug/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<10	ND<10
Det. Limit	10.0000	10.0000
Lab Qual.	U	U
Val Qual.	U	U

Toluene (Toluen) 624 ug/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<10	ND<10	ND<10	.7	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000*	10.0000	10.0000
Lab Qual.	U	U	U	J	U	U
Val Qual.	UJ	UJ	UJ	J	UJ	UJ

	#4011 DN	#4011 DN Dup.
	ND<10	ND<10
Det. Limit	10.0000	10.0000
Lab Qual.	U	U
Val Qual.	UJ	UJ

Trichloroethene (TCE) 624 ug/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<10	ND<10
Det. Limit	10.0000	10.0000
Lab Qual.	U	U
Val Qual.	U	U

5217

0475

1993 RCRA Annual Report Sampling Results
Sample Date of 04/08/93

Parameter	Code	Method	Units
Uranium, Total	(U-Total)	908.1	ug/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	18.1	23.9	6	3	.1	78.3
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	-	-	J	-	-	-

	#4011 DN	#4011 DN Dup.
	.6	.3
Det. Limit	0.1000	0.1000
Lab Qual.		
Val Qual.	-	-

Vanadium	(Va)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007
Det. Limit	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.007	ND<.007
Det. Limit	0.0070	0.0070
Lab Qual.	U	U
Val Qual.	U	U

Vanadium, (Dissd.)	(Va dis)	200.7	mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007
Det. Limit	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.007	ND<.007
Det. Limit	0.0070	0.0070
Lab Qual.	U	U
Val Qual.	U	U

Vinyl chloride	(VC)	624	ug/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	UJ	U	UJ	U	UJ

1993 RCRA Annual Report Sampling Results
Sample Date of 04/08/93

Parameter	Code	Method	Units
Vinyl chloride	(VC)	624	ug/L

	#4011 DN	#4011 DN Dup.
	ND<10	ND<10
Det. Limit	10.0000	10.0000
Lab Qual.	U	U
Val Qual.	U	U

Zinc (Zn) 200.7 mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.0081	ND<.0149	ND<.0064	ND<.0372	ND<.0175	ND<.0132
Det. Limit	0.0081	0.0149	0.0064	0.0372	0.0175	0.0132
Lab Qual.	B	B	B		B	B
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.0083	ND<.0064
Det. Limit	0.0083	0.0064
Lab Qual.	B	B
Val Qual.	U	U

Zinc, (Dissd.) (Zn dis) 200.7 mg/L

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	ND<.002	ND<.0063	ND<.002	ND<.0084	ND<.002	ND<.004
Det. Limit	0.0020	0.0063	0.0020	0.0084	0.0020	0.0040
Lab Qual.	U	B	U	B	U	B
Val Qual.	U	U	U	U	U	U

	#4011 DN	#4011 DN Dup.
	ND<.0046	ND<.005
Det. Limit	0.0046	0.0050
Lab Qual.	B	B
Val Qual.	U	U

pH (pH F) 150.1 SU

	#2008 DN	#2084 DN	#2643 DN	#3008 DN	#3011 DN	#3084 DN
	7.7	7.3	7.6	7.7	7.6	7.3
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#4011 DN	#4011 DN Dup.
	7.5	7.4
Det. Limit	None	None
Lab Qual.		
Val Qual.	-	-

0427

5217

Parameter	Code	Method	Units					
Water elevation	(None)		Feet					
	#1024 UP		#2024 DN	#3010 DN	#3024 DN	#3055 DN		
	579.8		522.37	521.91	522.87	521.89		
Det. Limit	None		None	None	None	None		
Lab Qual.								
Val Qual.								
1,1,1-Trichloroethane	(1,1,1Tri)	624		ug/L				
	#1024 UP		#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.	
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U		U	U	U	U	U	
Val Qual.	U		U	U	U	U	U	
1,1-Dichloroethane	(1,1DCE)	624		ug/L				
	#1024 UP		#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.	
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U		U	U	U	U	U	
Val Qual.	U		U	U	U	U	U	
1,1-Dichloroethene	(1,1-DCEE)	624		ug/L				
	#1024 UP		#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.	
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U		U	U	U	U	U	
Val Qual.	U		U	U	U	U	U	
1,2-Dichloroethane	(1,2DCE)	624		ug/L				
	#1024 UP		#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.	
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U		U	U	U	U	U	
Val Qual.	U		U	U	U	U	U	
1,2-Dichloroethene (Total)	(1,2-DCEy)	624		ug/L				
	#1024 UP		#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.	
	ND<10		ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000		10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U		U	U	U	U	U	
Val Qual.	U		U	U	U	U	U	

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
Acetone	(Acetone)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	J	J	J	J
Val Qual.				U	U	U	U	U	U
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L	366000	280000	288000	316000	320000	312000
Det. Limit				None	None	None	None	None	None
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Aluminum	(Al)	200.7	mg/L	ND<.0262	ND<.052	ND<.0598	ND<.0761	ND<.0412	ND<.0586
Det. Limit				0.0262	0.0520	0.0598	0.0761	0.0412	0.0586
Lab Qual.				B	B	B	B	B	B
Val Qual.				U	U	U	U	U	U
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L	ND<.0291	ND<.022	ND<.035	ND<.02	ND<.0214	ND<.02
Det. Limit				0.0291	0.0220	0.0350	0.0200	0.0214	0.0200
Lab Qual.				B	B	B	U	B	U
Val Qual.				U	U	U	U	U	U
Arsenic	(As)	206.2	mg/L	.004	ND<.002	ND<.002	.0058	ND<.002	ND<.002
Det. Limit				0.0100*	0.0020	0.0020	0.0100*	0.0020	0.0020
Lab Qual.				B	U	UW	B	U	U
Val Qual.				-	U	UJ	-	U	U
Arsenic, (Dissd.)	(As dis)	206.2	mg/L	.0042	ND<.002	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit				0.0100*	0.0020	0.0020	0.0020	0.0020	0.0020
Lab Qual.				B	U	UW	U	U	U
Val Qual.				-	U	UJ	U	U	U

0479

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units					
Barium	(Ba)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	.0854	.0797	.0251	.38	.0629	.0634
Det. Limit	0.2000*	0.2000*	0.2000*	0.2000	0.2000*	0.2000*
Lab Qual.	B	B	B		B	B
Val Qual.	-	-	-	-	-	-
Barium, (Dissd.)	(Ba dis)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	.0891	.074	.0741	.156	.0605	.06
Det. Limit	0.2000*	0.2000*	0.2000*	0.2000*	0.2000*	0.2000*
Lab Qual.	B	B	B	B	B	B
Val Qual.	-	-	-	-	-	-
Benzene	(Benzene)	624	ug/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Beryllium	(Be)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Cadmium	(Cd)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	ND<.003	ND<.003	ND<.003	.0135	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0050	0.0030	0.0030
Lab Qual.	U	U	U		U	U
Val Qual.	U	U	U	-	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit				0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.				U	U	U	U	U	U
Val Qual.				UJ	UJ	UJ	UJ	UJ	UJ
Calcium	(Ca)	200.7	mg/L	82.5	136	226	162	160	165
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L	85.2	132	132	145	156	150
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Carbon disulfide	(CS2)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Chloride	(Chloride)	9252	mg/L	13	25	72	21	39	38
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Chloroform	(Chlorofm)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U

0481

5217

0482

52112

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
Chromium	(Cr)	200.7	mg/L						
				ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit				0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Cobalt	(Co)	200.7	mg/L						
				ND<.008	ND<.008	.0101	.0086	ND<.008	ND<.008
Det. Limit				0.0080	0.0080	0.0500*	0.0500*	0.0080	0.0080
Lab Qual.				U	U	B	B	U	U
Val Qual.				U	U	-	-	U	U
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L						
				ND<.008	ND<.008	ND<.008	ND<.008	ND<.008	ND<.008
Det. Limit				0.0080	0.0080	0.0080	0.0080	0.0080	0.0080
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Copper	(Cu)	200.7	mg/L						
				ND<.0045	ND<.0047	ND<.0031	ND<.003	ND<.0043	ND<.0317
Det. Limit				0.0045	0.0047	0.0031	0.0030	0.0043	0.0317
Lab Qual.				B	B	B	U	B	
Val Qual.				U	U	U	U	U	U
Copper, (Dissd.)	(Cu dis)	200.7	mg/L						
				ND<.009	ND<.0106	ND<.0092	ND<.0116	ND<.0064	ND<.0084
Det. Limit				0.0090	0.0106	0.0092	0.0116	0.0064	0.0084
Lab Qual.				B	B	B	B	B	B
Val Qual.				U	U	U	U	U	U
Fluoride	(Flrd)	340.2	ug/L						
				960	430	80	430	110	110
Det. Limit				100.0000	100.0000	100.0000*	100.0000	100.0000	100.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units					
Gross Alpha	(Alpha)	900.0	pCi/l					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	ND<2.9	3.9	ND<9.3	ND<4	6	ND<6.6
Det. Limit	2.9000	2.0000	9.3000	4.0000	2.0000	6.6000
Lab Qual.	U		U	U		U
Val Qual.	NV	NV	NV	NV	NV	NV
Gross Beta	(Beta)	900.0	pCi/l					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	5.7	ND<5.2	13.8	ND<5.7	27.3	26.2
Det. Limit	4.0000	5.2000	4.0000	5.7000	4.0000	4.0000
Lab Qual.		U		U		
Val Qual.	NV	NV	NV	NV	NV	NV
Iron	(Fe)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	1.65	5.6	1.79	78.9	7.21	7.58
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	-	-	-	-	-	-
Iron, (Dissd.)	(Fe dis)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	1.77	3.78	1.63	4.43	6.85	7.01
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	-	-	-	-	-	-
Lead	(Pb)	239.2	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	ND<.0032	ND<.001	ND<.001	ND<.003	ND<.0024	.0318
Det. Limit	0.0032	0.0010	0.0010	0.0030	0.0024	0.0030
Lab Qual.	NS	UWN	UWN	WN	BWN	SN
Val Qual.	UJ	UJ	UJ	UJ	UJ	J
Lead, (Dissd.)	(Pb dis)	239.2	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	ND<.0019	ND<.005	ND<.001	ND<.0024	ND<.011	ND<.005
Det. Limit	0.0019	0.0050	0.0010	0.0024	0.0110	0.0050
Lab Qual.	BWN	UWN	UWN	BWN	BN	UN
Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ

04883

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units					
Magnesium	(Mg)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	40.5	25.2	29.2	35.3	30.9	31.8
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	42.5	24.8	24.8	32.6	30.3	29.4
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-
Manganese	(Mn)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	.0372	.301	2.4	.269	.3	.313
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.						
Val Qual.	-	-	-	-	-	-
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	.0388	.303	.301	.18	.292	.28
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.						
Val Qual.	-	-	-	-	-	-
Mercury	(Hg)	245.1	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	ND<.0004	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0004	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L					
	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
Methylene chloride	(MeCl)	624	ug/L						
				ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Nickel	(Ni)	200.7	mg/L						
				ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L						
				ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Nitrate/Nitrite	(NO3/NO2)	9200	ug/L						
				ND<20	ND<20	ND<20	20	ND<20	20
Det. Limit				20.0000	20.0000	20.0000	100.0000*	20.0000	100.0000*
Lab Qual.				U	U	U		U	
Val Qual.				U	U	U	-	U	-
Phenols	(Phen)	9065	mg/L						
				ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit				0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Radium-226	(Ra-226)	903.1	pCi/l						
				.9	.9	.4	1.6	1.1	1.2
Det. Limit				1.0000*	1.0000*	1.0000*	1.0000	1.0000	1.0000
Lab Qual.									
Val Qual.				J	J	J	J	J	J

5217

5217

0486

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units		#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
Radium-228	(Ra-228)	904.0	pCi/l	Result	ND<1.7	ND<1.9	ND<2.2	2.7	2.7	ND<2.2
				Det. Limit	1.7000	1.9000	2.2000	3.0000*	3.0000*	2.2000
				Lab Qual.	U	U	U			U
				Val Qual.	U	U	U	-	-	U
Selenium	(Se)	270.2	mg/L	Result	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
				Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
				Lab Qual.	UWN	UN	UWN	UWN	UN	UWN
				Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ
Selenium, (Dissd.)	(Se dis)	270.2	mg/L	Result	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
				Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
				Lab Qual.	U	UW	U	U	U	U
				Val Qual.	U	UJ	U	U	U	U
Silver	(Ag)	200.7	mg/L	Result	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007
				Det. Limit	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070
				Lab Qual.	U	U	U	U	U	U
				Val Qual.	U	U	U	U	U	U
Silver, (Dissd.)	(Ag dis)	200.7	mg/L	Result	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007
				Det. Limit	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070
				Lab Qual.	U	U	U	U	U	U
				Val Qual.	U	U	U	U	U	U
Sodium	(Na)	200.7	mg/L	Result	10.5	11.4	49.5	10.9	42.5	43.7
				Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
				Lab Qual.						
				Val Qual.	-	-	-	-	-	-

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
Sodium, (Dissd.)	(Na dis)	200.7	mg/L	10.8	11.4	12.3	10.2	41.7	40.5
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Specific Conductivity	(Cond)	9050	umhos/cm	712	809	1410	914	1160	1170
Det. Limit				None	None	None	None	None	None
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Sulfate	(SO4)	9038	mg/L	89	188	433	218	313	265
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.									
Val Qual.				-	-	-	-	-	-
Tetrachloroethene	(TetCEthy)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Toluene	(Toluen)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	J	U	J	U	U
Val Qual.				U	U	U	U	U	U
Trichloroethene	(TCE)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
Uranium, Total	(U-Total)	908.1	ug/L	.5	3.7	15	.5	.3	.3
Det. Limit				0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.									
Val Qual.				J	-	-	-	-	-
Vanadium	(Va)	200.7	mg/L	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit				0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit				0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Vinyl chloride	(VC)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U
Zinc	(Zn)	200.7	mg/L	ND<.0066	ND<.0057	ND<.0057	ND<.0378	ND<.0212	ND<.0138
Det. Limit				0.0066	0.0057	0.0057	0.0378	0.0212	0.0138
Lab Qual.				B	B	B			B
Val Qual.				U	U	U	U	U	U
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L	ND<.0102	ND<.008	ND<.0378	ND<.005	ND<.0224	ND<.0067
Det. Limit				0.0102	0.0080	0.0378	0.0050	0.0224	0.0067
Lab Qual.				B	B		U		B
Val Qual.				U	U	U	U	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/12/93

Parameter	Code	Method	Units
pH	(pH F)	9040	SU

	#1024 UP	#2024 DN	#3010 DN	#3024 DN	#3055 DN	#3055 DN Dup.
	7.2	7.19	7.1	7.19	7.16	7.04
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	-	-	-	-	-	-

0490

52112

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN
Water elevation	(None)		Feet	573.43	570.61	576.45	573.9	521.7	521.68	521.68
Det. Limit				None	None	None	None	None	None	None
Lab Qual.										
Val Qual.										
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U	U
1,1-Dichloroethane	(1,1DCE)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U	U
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U	U

Parameter	Code	Method	Units
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L

	#4398 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

1,2-Dichloroethane	(1,2DCE)	624	ug/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4398 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4398 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Acetone	(Acetone)	624	ug/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	J
Val Qual.	U	U	U	U	UJ	UJ

	#4398 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	UJ

0491

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN
	312000	652000	400000	468000	248000	208000	232000
Det. Limit	None	None	None	None	None	None	None
Lab Qual.							
Val Qual.	-	-	-	-	-	-	-

Parameter	Code	Method	Units
Aluminum	(Al)	200.7	mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN
	ND<.138	ND<.0654	ND<.0755	.3	ND<.0429	ND<.0595	ND<.0863
Det. Limit	0.1380	0.0654	0.0755	0.2000	0.0429	0.0595	0.0863
Lab Qual.	B	B	B		B	B	B
Val Qual.	U	U	U	-	U	U	U

Parameter	Code	Method	Units
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN
	ND<.02	ND<.02	ND<.02	ND<.0576	ND<.02	ND<.0287	ND<.0288
Det. Limit	0.0200	0.0200	0.0200	0.0576	0.0200	0.0287	0.0288
Lab Qual.	U	U	U	B	U	B	B
Val Qual.	U	U	U	U	U	U	U

Parameter	Code	Method	Units
Arsenic	(As)	206.2	mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.002	ND<.002	ND<.002	.0032	ND<.002	ND<.002
Det. Limit	0.0020	0.0020	0.0020	0.0100*	0.0020	0.0020
Lab Qual.	U	U	U	B	U	U
Val Qual.	U	U	U	-	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units								
Arsenic	(As)	206.2	mg/L								
	#4398 DN										
	.0048										
Det. Limit	0.0100*										
Lab Qual.	B										
Val Qual.	-										
Arsenic, (Dissd.)	(As dis)	206.2	mg/L								
	#1008 DN		#1081 DN		#1082 DN		#1643 DN		#2055 DN		#3398 DN
	ND<.002		ND<.002		ND<.002		.0026		ND<.002		ND<.002
Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit	0.0100*	Det. Limit	0.0020	Det. Limit	0.0020
Lab Qual.	UW	Lab Qual.	U	Lab Qual.	U	Lab Qual.	B	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	-	Val Qual.	U	Val Qual.	U
	#4398 DN										
	.0048										
Det. Limit	0.0100*										
Lab Qual.	B										
Val Qual.	-										
Barium	(Ba)	200.7	mg/L								
	#1008 DN		#1081 DN		#1082 DN		#1643 DN		#2055 DN		#3398 DN
	.437		.0318		.0879		.0505		.0999		.0468
Det. Limit	0.2000	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*
Lab Qual.		Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-
	#4398 DN										
	.0609										
Det. Limit	0.2000*										
Lab Qual.	B										
Val Qual.	-										
Barium, (Dissd.)	(Ba dis)	200.7	mg/L								
	#1008 DN		#1081 DN		#1082 DN		#1643 DN		#2055 DN		#3398 DN
	.413		.0306		.0886		.0475		.0978		.0462
Det. Limit	0.2000	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*	Det. Limit	0.2000*
Lab Qual.		Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	Lab Qual.	B
Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-	Val Qual.	-
	#4398 DN										
	.0597										
Det. Limit	0.2000*										
Lab Qual.	B										
Val Qual.	-										

0493

5217

Parameter	Code	Method	Units
Benzene	(Benzene)	624	ug/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	UJ	U	U	U	U	U

	#4398 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Beryllium	(Be)	200.7	mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4398 DN
	ND<.001
Det. Limit	0.0010
Lab Qual.	U
Val Qual.	U

Beryllium, (Dissd.)	(Be dis)	200.7	mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4398 DN
	ND<.001
Det. Limit	0.0010
Lab Qual.	U
Val Qual.	U

Cadmium	(Cd)	200.7	mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Cadmium	(Cd)	200.7	mg/L

	#4398 DN
	ND<.003
Det. Limit	0.0030
Lab Qual.	U
Val Qual.	U

Cadmium, (Dissd.) (Cd dis) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ

	#4398 DN
	ND<.003
Det. Limit	0.0030
Lab Qual.	U
Val Qual.	UJ

Calcium (Ca) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	85.6	282	135	138	113	82.3
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#4398 DN
	89.8
Det. Limit	5.0000
Lab Qual.	
Val Qual.	-

Calcium, (Dissd.) (Ca dis) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	81.8	276	130	137	109	81.9
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#4398 DN
	90.8
Det. Limit	5.0000
Lab Qual.	
Val Qual.	-

Parameter	Code	Method	Units
Carbon disulfide	(CS2)	624	ug/L
Chloride	(Chloride)	9252	mg/L
Chloroform	(Chlorofm)	624	ug/L
Chromium	(Cr)	200.7	mg/L

Parameter	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN
Carbon disulfide	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U
Chloride	18	38	45	83	28	19	20
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.							
Val Qual.	-	-	-	-	-	-	-
Chloroform	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U
Chromium	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Chromium	(Cr)	200.7	mg/L

	#4398 DN
	ND<.005
Det. Limit	0.0050
Lab Qual.	U
Val Qual.	U

Cobalt (Co) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.008	.0111	ND<.008	ND<.008	ND<.008	ND<.008
Det. Limit	0.0080	0.0500*	0.0080	0.0080	0.0080	0.0080
Lab Qual.	U	B	U	U	U	U
Val Qual.	U	-	U	U	U	U

	#4398 DN
	ND<.008
Det. Limit	0.0080
Lab Qual.	U
Val Qual.	U

Cobalt, (Dissd.) (Co dis) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.008	.0091	ND<.008	.0088	ND<.008	ND<.008
Det. Limit	0.0080	0.0500*	0.0080	0.0500*	0.0080	0.0080
Lab Qual.	U	B	U	B	U	U
Val Qual.	U	-	U	-	U	U

	#4398 DN
	ND<.008
Det. Limit	0.0080
Lab Qual.	U
Val Qual.	U

Copper (Cu) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.007	ND<.0087	ND<.0047	ND<.0051	ND<.0084	ND<.0052
Det. Limit	0.0070	0.0087	0.0047	0.0051	0.0084	0.0052
Lab Qual.	B	B	B	B	B	B
Val Qual.	U	U	U	U	U	U

	#4398 DN
	ND<.008
Det. Limit	0.0080
Lab Qual.	B
Val Qual.	U

0497

5217

0438

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Copper, (Dissd.)	(Cu dis)	200.7	mg/L
Fluoride	(Flrd)	340.2	ug/L
Gross Alpha	(Alpha)	900.0	pCi/l
Gross Beta	(Beta)	900.0	pCi/l

Parameter	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN
Copper, (Dissd.)	ND<.008	ND<.0169	ND<.0137	ND<.0088	ND<.0081	ND<.0083	ND<.008
Det. Limit	0.0080	0.0169	0.0137	0.0088	0.0081	0.0083	0.0080
Lab Qual.	B	B	B	B	B	B	B
Val Qual.	U	U	U	U	U	U	U
Fluoride	730	350	490	980	150	120	140
Det. Limit	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000
Lab Qual.							
Val Qual.	-	-	-	-	-	-	-
Gross Alpha	2.8	ND<13.2	249	55	3.9	ND<3.9	ND<3.2
Det. Limit	2.0000	13.2000	2.0000	2.0000	2.0000	3.9000	3.2000
Lab Qual.		U				U	U
Val Qual.	NV	NV	NV	NV	NV	NV	NV
Gross Beta	4.3	ND<11.9	309	41.3	ND<4.4	ND<3.4	
Det. Limit	4.0000	11.9000	4.0000	4.0000	4.4000	3.4000	
Lab Qual.		U			U	U	
Val Qual.	NV	NV	NV	NV	NV	NV	

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Gross Beta	(Beta)	900.0	pCi/l

	#4398 DN
	ND<3.2
Det. Limit	3.2000
Lab Qual.	U
Val Qual.	NV

Iron (Fe) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.277	ND<.0541	ND<.0466	.431	1.36	1.41
Det. Limit	0.2770	0.0541	0.0466	0.1000	0.1000	0.1000
Lab Qual.		B	B			
Val Qual.	U	U	U	-	J	-

	#4398 DN
	2.89
Det. Limit	0.1000
Lab Qual.	
Val Qual.	-

Iron, (Dissd.) (Fe dis) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.0161	ND<.0567	ND<.086	.458	1.85	1.27
Det. Limit	0.0161	0.0567	0.0860	0.1000	0.1000	0.1000
Lab Qual.	B	B	B			
Val Qual.	U	U	U	-	J	-

	#4398 DN
	2.81
Det. Limit	0.1000
Lab Qual.	
Val Qual.	-

Lead (Pb) 239.2 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.0014	ND<.0024	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0014	0.0024	0.0010	0.0010	0.0010	0.0010
Lab Qual.	BNS	BWN	UWN	UWN	UWN	UWN
Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ

	#4398 DN
	ND<.001
Det. Limit	0.0010
Lab Qual.	UWN
Val Qual.	UJ

0499

5217

0500

Parameter	Code	Method	Units
Lead, (Dissd.)	(Pb dis)	239.2	mg/L
Magnesium	(Mg)	200.7	mg/L
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L
Manganese	(Mn)	200.7	mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN
Lead, (Dissd.)	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	UN	UWN	UWN	BWN	UN	UWN	UWN
Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Magnesium	35.7	102	57.1	71.3	26.4	20.4	23.1
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.							
Val Qual.	-	-	-	-	-	-	-
Magnesium, (Dissd.)	34.6	100	53.2	71.4	25.8	20.6	23.6
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.							
Val Qual.	-	-	-	-	-	-	-
Manganese	.024	.0514	ND<.001	.015	.177	.244	
Det. Limit	0.0150	0.0150	0.0010	0.0150	0.0150	0.0150	
Lab Qual.			U				
Val Qual.	-	-	U	-	-	-	

52F2

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Manganese	(Mn)	200.7	mg/L

	#4398 DN
	.513
Det. Limit	0.0150
Lab Qual.	
Val Qual.	-

Manganese, (Dissd.)	(Mn dis)	200.7	mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	.0177	.0478	ND<.001	.009	.171	.241
Det. Limit	0.0150	0.0150	0.0010	0.0150*	0.0150	0.0150
Lab Qual.			U	B		
Val Qual.	-	-	U	-	-	-

	#4398 DN
	.523
Det. Limit	0.0150
Lab Qual.	
Val Qual.	-

Mercury	(Hg)	245.1	mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.0002	.00059	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U		U	U	U	U
Val Qual.	U	-	U	U	U	U

	#4398 DN
	ND<.0002
Det. Limit	0.0002
Lab Qual.	U
Val Qual.	U

Mercury, (Dissd.)	(Hg dis)	245.1	mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.0002	ND<.0002	ND<.001	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0010	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4398 DN
	ND<.0002
Det. Limit	0.0002
Lab Qual.	U
Val Qual.	U

0501

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN
Methylene chloride	(MeCl)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U	U
Nickel	(Ni)	200.7	mg/L	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U	U
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit				0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U	U
Nitrate/Nitrite	(NO3/NO2)	9200	ug/L	90	5360	ND<20	ND<20	ND<20	70	
Det. Limit				100.0000*	100.0000	20.0000	20.0000	20.0000	100.0000*	
Lab Qual.						U	U	U		
Val Qual.				-	-	U	U	U	-	

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Nitrate/Nitrite	(NO3/NO2)	9200	ug/L
Phenols	(Phen)	9065	mg/L
Radium-226	(Ra-226)	903.1	pCi/l
Radium-228	(Ra-228)	904.0	pCi/l

Parameter	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN
Nitrate/Nitrite	ND<20						
Det. Limit	20.0000						
Lab Qual.	U						
Val Qual.	U						
Phenols	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U
Radium-226	1.7	ND<.4	ND<.6	.9	.7	.7	.5
Det. Limit	1.0000	0.4000	0.6000	1.0000*	1.0000*	1.0000*	1.0000*
Lab Qual.		U	U				
Val Qual.	-	UJ	UJ	J	J	J	J
Radium-228	2.7	2.7	ND<2.1	ND<1.7	ND<2.4	2.1	ND<2
Det. Limit	3.0000*	3.0000*	2.1000	1.7000	2.4000	3.0000*	2.0000
Lab Qual.			U	U	U		U
Val Qual.	-	-	U	U	U	-	U

0503

5217

Parameter	Code	Method	Units					
Selenium	(Se)	270.2	mg/L					
	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN	
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
Lab Qual.	UN	UWN	UWN	UWN	UN	UN	UWN	
Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ	UJ	
Selenium, (Dissd.)	(Se dis)	270.2	mg/L					
	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN	
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
Lab Qual.	UW	UW	U	U	U	U	U	
Val Qual.	UJ	UJ	U	U	U	U	U	
Silver	(Ag)	200.7	mg/L					
	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN	
	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007	
Det. Limit	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	U	U	U	U	U	U	U	
Silver, (Dissd.)	(Ag dis)	200.7	mg/L					
	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN		
	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007		
Det. Limit	0.0070	0.0070	0.0070	0.0070	0.0070	0.0070		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	U		

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Silver, (Dissd.)	(Ag dis)	200.7	mg/L

	#4398 DN
	ND<.007
Det. Limit	0.0070
Lab Qual.	U
Val Qual.	U

Sodium (Na) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	9.98	53.9	18.3	36.5	13.8	9.42
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#4398 DN
	10.4
Det. Limit	5.0000
Lab Qual.	
Val Qual.	-

Sodium, (Dissd.) (Na dis) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	9.45	52.1	17.6	35.8	13.2	9.49
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#4398 DN
	10.2
Det. Limit	5.0000
Lab Qual.	
Val Qual.	-

Specific Conductivity (Cond) 9050 umhos/cm

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	664	1910	1040	1260	777	582
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#4398 DN
	651
Det. Limit	None
Lab Qual.	
Val Qual.	-

0505

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN
Sulfate	(SO4)	9038	mg/L	32	520	142	178	148	83	101
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.										
Val Qual.				-	-	-	-	-	-	-
Tetrachloroethene	(TetCEthy)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	1	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000*	10.0000
Lab Qual.				U	U	U	U	U	J	U
Val Qual.				U	U	U	U	U	J	U
Toluene	(Toluen)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	1
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000*
Lab Qual.				U	U	U	U	U	U	J
Val Qual.				UJ	U	U	U	U	U	J
Trichloroethene	(TCE)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.				U	U	U	U	U	U	
Val Qual.				U	U	U	U	U	U	

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Trichloroethene	(TCE)	624	ug/L

	#4398 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Uranium, Total (U-Total) 908.1 ug/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	2.1	22.7	753	81.8	.9	.8
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	J	J	-	J	-	-

	#4398 DN
	.1
Det. Limit	0.1000
Lab Qual.	
Val Qual.	-

Vanadium (Va) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4398 DN
	ND<.003
Det. Limit	0.0030
Lab Qual.	U
Val Qual.	U

Vanadium, (Dissd.) (Va dis) 200.7 mg/L

	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U

	#4398 DN
	ND<.003
Det. Limit	0.0030
Lab Qual.	U
Val Qual.	U

050

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units					
Vinyl chloride	(VC)	624	ug/L					
	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN	
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	U	U	U	U	UJ	UJ	UJ	
Zinc	(Zn)	200.7	mg/L					
	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN	
	ND<.005	ND<.0095	ND<.007	ND<.0081	ND<.0072	ND<.0059	ND<.0196	
Det. Limit	0.0050	0.0095	0.0070	0.0081	0.0072	0.0059	0.0196	
Lab Qual.	U	B	B	B	B	B	B	
Val Qual.	U	U	U	U	U	U	U	
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L					
	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN	#4398 DN	
	ND<.0091	ND<.0144	ND<.0321	ND<.0088	ND<.021	ND<.0215	ND<.0167	
Det. Limit	0.0091	0.0144	0.0321	0.0088	0.0210	0.0215	0.0167	
Lab Qual.	B	B		B			B	
Val Qual.	U	U	U	U	U	U	U	
pH	(pH F)	9040	SU					
	#1008 DN	#1081 DN	#1082 DN	#1643 DN	#2055 DN	#3398 DN		
	7.42	7.09	7.33	7.26	7.2	7.49		
Det. Limit	None	None	None	None	None	None		
Lab Qual.								
Val Qual.	-	-	-	-	-	-		

Parameter	Code	Method	Units
pH	(pH F)	9040	SU
#4398 DN			
7.45			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Water elevation	(None)		Feet
#1074 DN			
574.28			
Det. Limit None			
Lab Qual.			
Val Qual.			
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethane	(1,1DCE)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,2-Dichloroethane	(1,2DCE)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

5217

Parameter	Code	Method	Units
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Acetone	(Acetone)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L
#1074 DN			
350000			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Aluminum	(Al)	200.7	mg/L
#1074 DN			
.0961			
Det. Limit 0.2000*			
Lab Qual. B			
Val Qual. -			
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L
#1074 DN			
.0505			
Det. Limit 0.2000*			
Lab Qual. B			
Val Qual. -			
Arsenic	(As)	206.2	mg/L
#1074 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Arsenic, (Dissd.)	(As dis)	206.2	mg/L
#1074 DN			
.0012			
Det. Limit 0.0100*			
Lab Qual. B			
Val Qual. -			
Barium	(Ba)	200.7	mg/L
#1074 DN			
.0715			
Det. Limit 0.2000*			
Lab Qual. B			
Val Qual. -			
Barium, (Dissd.)	(Ba dis)	200.7	mg/L
#1074 DN			
.0659			
Det. Limit 0.2000*			
Lab Qual. B			
Val Qual. -			
Benzene	(Benzene)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Beryllium	(Be)	200.7	mg/L
#1074 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L
#1074 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			

0511

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Cadmium	(Cd)	200.7	mg/L
#1074 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. UJ			
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L
#1074 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. UJ			
Calcium	(Ca)	200.7	mg/L
#1074 DN			
134			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L
#1074 DN			
132			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Carbon disulfide	(CS2)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Chloride	(Chloride)	9251	mg/L
#1074 DN			
180			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			

Parameter	Code	Method	Units
Chloroform	(Chlorofm)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Chromium	(Cr)	200.7	mg/L
#1074 DN			
.145			
Det. Limit 0.0100			
Lab Qual.			
Val Qual. -			
Cobalt	(Co)	200.7	mg/L
#1074 DN			
.0087			
Det. Limit 0.0500*			
Lab Qual. B			
Val Qual. -			
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L
#1074 DN			
ND<.006			
Det. Limit 0.0060			
Lab Qual. B			
Val Qual. U			
Copper	(Cu)	200.7	mg/L
#1074 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Copper, (Dissd.)	(Cu dis)	200.7	mg/L
#1074 DN			
ND<.0121			
Det. Limit 0.0121			
Lab Qual. B			
Val Qual. U			

0514

52117

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Fluoride	(Flrd)	340.2	ug/L
#1074 DN			
1200			
Det. Limit 100.0000			
Lab Qual.			
Val Qual. -			
Gross Alpha	(Alpha)	900.0	pCi/l
#1074 DN			
ND<5.4			
Det. Limit 5.4000			
Lab Qual. U			
Val Qual. NV			
Gross Beta	(Beta)	900.0	pCi/l
#1074 DN			
8.1			
Det. Limit 4.0000			
Lab Qual.			
Val Qual. NV			
Iron	(Fe)	200.7	mg/L
#1074 DN			
.733			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. -			
Iron, (Dissd.)	(Fe dis)	200.7	mg/L
#1074 DN			
.256			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. -			
Lead	(Pb)	239.2	mg/L
#1074 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Lead, (Dissd.)	(Pb dis)	239.2	mg/L
#1074 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Magnesium	(Mg)	200.7	mg/L
#1074 DN			
73.7			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L
#1074 DN			
71.5			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Manganese	(Mn)	200.7	mg/L
#1074 DN			
.0291			
Det. Limit 0.0150			
Lab Qual.			
Val Qual. -			
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L
#1074 DN			
.0156			
Det. Limit 0.0150			
Lab Qual.			
Val Qual. -			
Mercury	(Hg)	245.1	mg/L
#1074 DN			
ND<.0002			
Det. Limit 0.0002			
Lab Qual. U			
Val Qual. U			

0516

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L
#1074 DN			
ND<.0002			
Det. Limit 0.0002			
Lab Qual. U			
Val Qual. U			
Methylene chloride	(MeCl)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. BJ			
Val Qual. U			
Nickel	(Ni)	200.7	mg/L
#1074 DN			
.536			
Det. Limit 0.0400			
Lab Qual.			
Val Qual. -			
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L
#1074 DN			
.398			
Det. Limit 0.0400			
Lab Qual.			
Val Qual. -			
Phenols	(Phen)	9066	mg/L
#1074 DN			
ND<.01			
Det. Limit 0.0100			
Lab Qual. U			
Val Qual. U			
Radium-226	(Ra-226)	903.1	pCi/l
#1074 DN			
.7			
Det. Limit 1.0000*			
Lab Qual.			
Val Qual. J			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Radium-228	(Ra-228)	904.0	pCi/l
#1074 DN			
3.3			
Det. Limit 3.0000			
Lab Qual.			
Val Qual. -			
Selenium	(Se)	270.2	mg/L
#1074 DN			
ND<.002			
Det. Limit 0.0020			
Lab Qual. UW			
Val Qual. UJ			
Selenium, (Dissd.)	(Se dis)	270.2	mg/L
#1074 DN			
ND<.002			
Det. Limit 0.0020			
Lab Qual. UW			
Val Qual. UJ			
Silver	(Ag)	200.7	mg/L
#1074 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. U			
Silver, (Dissd.)	(Ag dis)	200.7	mg/L
#1074 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. U			
Sodium	(Na)	200.7	mg/L
#1074 DN			
21.2			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			

0517

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
Sodium, (Dissd.)	(Na dis)	200.7	mg/L
#1074 DN			
19.4			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Specific Conductivity	(Cond)	9050	umhos/cm
#1074 DN			
1300			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Sulfate	(SO4)	9036	mg/L
#1074 DN			
48			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Tetrachloroethene	(TetCEthy)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Toluene	(Toluen)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Trichloroethene	(TCE)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Uranium, Total	(U-Total)	908.1	ug/L
#1074 DN			
5.7			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. J			
Vanadium	(Va)	200.7	mg/L
#1074 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L
#1074 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Vinyl chloride	(VC)	624	ug/L
#1074 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Zinc	(Zn)	200.7	mg/L
#1074 DN			
.0069			
Det. Limit 0.0200*			
Lab Qual. B			
Val Qual. -			
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L
#1074 DN			
.0087			
Det. Limit 0.0200*			
Lab Qual. B			
Val Qual. -			

0519

5217

0520

1993 RCRA Annual Report Sampling Results
Sample Date of 04/13/93

Parameter	Code	Method	Units
pH	(pH F)	9040	SU

#1074 DN
7.5
Det. Limit None
Lab Qual.
Val Qual. -

5212

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Water elevation	(None)		Feet
#1039 DN			
574.635			
Det. Limit None			
Lab Qual.			
Val Qual.			
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethane	(1,1DCE)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,2-Dichloroethane	(1,2DCE)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Acetone	(Acetone)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L
#1039 DN			
250000			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Aluminum	(Al)	200.7	mg/L
#1039 DN			
ND<.0293			
Det. Limit 0.0293			
Lab Qual. B			
Val Qual. U			
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L
#1039 DN			
ND<.014			
Det. Limit 0.0140			
Lab Qual. U			
Val Qual. U			
Arsenic	(As)	206.2	mg/L
#1039 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Arsenic, (Dissd.)	(As dis)	206.2	mg/L
#1039 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Barium	(Ba)	200.7	mg/L
#1039 DN			
.123			
Det. Limit 0.2000*			
Lab Qual. B			
Val Qual. -			
Barium, (Dissd.)	(Ba dis)	200.7	mg/L
#1039 DN			
.116			
Det. Limit 0.2000*			
Lab Qual. B			
Val Qual. -			
Benzene	(Benzene)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Beryllium	(Be)	200.7	mg/L
#1039 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L
#1039 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Cadmium	(Cd)	200.7	mg/L
#1039 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L
#1039 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. U			
Calcium	(Ca)	200.7	mg/L
#1039 DN			
120			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L
#1039 DN			
118			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Carbon disulfide	(CS2)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Chloride	(Chloride)	9251	mg/L
#1039 DN			
350			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Chloroform	(Chlorofm)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Chromium	(Cr)	200.7	mg/L
#1039 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Cobalt	(Co)	200.7	mg/L
#1039 DN			
ND<.006			
Det. Limit 0.0060			
Lab Qual. U			
Val Qual. U			
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L
#1039 DN			
ND<.006			
Det. Limit 0.0060			
Lab Qual. U			
Val Qual. U			
Copper	(Cu)	200.7	mg/L
#1039 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Copper, (Dissd.)	(Cu dis)	200.7	mg/L
#1039 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Fluoride	(Flrd)	340.2	ug/L
#1039 DN			
500			
Det. Limit 100.0000			
Lab Qual.			
Val Qual. -			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Iron	(Fe)	200.7	mg/L
#1039 DN			
ND<1.55			
Det. Limit 1.5500			
Lab Qual.			
Val Qual. UJ			
Iron, (Dissd.)	(Fe dis)	200.7	mg/L
#1039 DN			
.471			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. -			
Lead	(Pb)	239.2	mg/L
#1039 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. UW			
Val Qual. UJ			
Lead, (Dissd.)	(Pb dis)	239.2	mg/L
#1039 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. UW			
Val Qual. UJ			
Magnesium	(Mg)	200.7	mg/L
#1039 DN			
44.5			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L
#1039 DN			
44.3			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			

Parameter	Code	Method	Units
Manganese	(Mn)	200.7	mg/L
#1039 DN			
.317			
Det. Limit 0.0150			
Lab Qual.			
Val Qual. -			
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L
#1039 DN			
.263			
Det. Limit 0.0150			
Lab Qual.			
Val Qual. -			
Mercury	(Hg)	245.1	mg/L
#1039 DN			
ND<.0002			
Det. Limit 0.0002			
Lab Qual. U			
Val Qual. U			
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L
#1039 DN			
ND<.0002			
Det. Limit 0.0002			
Lab Qual. U			
Val Qual. U			
Methylene chloride	(MeCl)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. BJ			
Val Qual. U			
Nickel	(Ni)	200.7	mg/L
#1039 DN			
ND<.019			
Det. Limit 0.0190			
Lab Qual. U			
Val Qual. U			

- 5217

Parameter	Code	Method	Units
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L
#1039 DN			
ND<.019			
Det. Limit 0.0190			
Lab Qual. U			
Val Qual. U			
Nitrate/Nitrite	(NO3/NO2)	353.2	ug/L
#1039 DN			
ND<30			
Det. Limit 30.0000			
Lab Qual.			
Val Qual. U			
Phenols	(Phen)	9066	mg/L
#1039 DN			
ND<.01			
Det. Limit 0.0100			
Lab Qual. U			
Val Qual. U			
Selenium	(Se)	270.2	mg/L
#1039 DN			
.002			
Det. Limit 0.0050*			
Lab Qual. UN			
Val Qual. R			
Selenium, (Dissd.)	(Se dis)	270.2	mg/L
#1039 DN			
ND<.002			
Det. Limit 0.0020			
Lab Qual. UNW			
Val Qual. UJ			
Silver	(Ag)	200.7	mg/L
#1039 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. UJ			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Silver, (Dissd.)	(Ag dis)	200.7	mg/L
#1039 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. UJ			
Sodium	(Na)	200.7	mg/L
#1039 DN			
148			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Sodium, (Dissd.)	(Na dis)	200.7	mg/L
#1039 DN			
142			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Specific Conductivity	(Cond)	9050	umhos/cm
#1039 DN			
1600			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Sulfate	(SO4)	9036	mg/L
#1039 DN			
88			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Tetrachloroethene	(TetCEthy)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

0529

52177

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Toluene	(Toluen)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Trichloroethene	(TCE)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Vanadium	(Va)	200.7	mg/L
#1039 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L
#1039 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Vinyl chloride	(VC)	624	ug/L
#1039 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. UJ			
Zinc	(Zn)	200.7	mg/L
#1039 DN			
ND<.006			
Det. Limit 0.0060			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L
#1039 DN			
ND<.006			
Det. Limit 0.0060			
Lab Qual. U			
Val Qual. U			
pH	(pH F)	9040	SU
#1039 DN			
7.8			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Water elevation	(None)		Feet
#4010 DN			
522.14			
Det. Limit None			
Lab Qual.			
Val Qual.			
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethane	(1,1DCE)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
1,2-Dichloroethane	(1,2DCE)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Acetone	(Acetone)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L
#4010 DN			
330000			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Aluminum	(Al)	200.7	mg/L
#4010 DN			
ND<.014			
Det. Limit 0.0140			
Lab Qual. U			
Val Qual. U			
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L
#4010 DN			
ND<.014			
Det. Limit 0.0140			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Arsenic	(As)	206.2	mg/L
#4010 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Arsenic, (Dissd.)	(As dis)	206.2	mg/L
#4010 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Barium	(Ba)	200.7	mg/L
#4010 DN			
.474			
Det. Limit 0.2000			
Lab Qual.			
Val Qual. -			
Barium, (Dissd.)	(Ba dis)	200.7	mg/L
#4010 DN			
.449			
Det. Limit 0.2000			
Lab Qual.			
Val Qual. -			
Benzene	(Benzene)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Beryllium	(Be)	200.7	mg/L
#4010 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			

0533

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L
#4010 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Cadmium	(Cd)	200.7	mg/L
#4010 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. UJ			
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L
#4010 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. U			
Calcium	(Ca)	200.7	mg/L
#4010 DN			
102			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L
#4010 DN			
99.7			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Carbon disulfide	(CS2)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Chloride	(Chloride)	9251	mg/L
#4010 DN			
29			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Chloroform	(Chlorofm)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Chromium	(Cr)	200.7	mg/L
#4010 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Cobalt	(Co)	200.7	mg/L
#4010 DN			
ND<.006			
Det. Limit 0.0060			
Lab Qual. U			
Val Qual. U			
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L
#4010 DN			
ND<.0085			
Det. Limit 0.0085			
Lab Qual. B			
Val Qual. U			
Copper	(Cu)	200.7	mg/L
#4010 DN			
ND<.0068			
Det. Limit 0.0068			
Lab Qual. B			
Val Qual. U			

0533

52127

0530

5212

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Copper, (Dissd.)	(Cu dis)	200.7	mg/L
#4010 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Fluoride	(Flrd)	340.2	ug/L
#4010 DN			
600			
Det. Limit 100.0000			
Lab Qual.			
Val Qual. -			
Gross Alpha	(Alpha)	900.0	pCi/l
#4010 DN			
ND<5.1			
Det. Limit 5.1000			
Lab Qual. U			
Val Qual. NV			
Gross Beta	(Beta)	900.0	pCi/l
#4010 DN			
ND<4.2			
Det. Limit 4.2000			
Lab Qual. U			
Val Qual. NV			
Iron	(Fe)	200.7	mg/L
#4010 DN			
3.48			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. -			
Iron, (Dissd.)	(Fe dis)	200.7	mg/L
#4010 DN			
3.39			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. -			

Parameter	Code	Method	Units
Lead	(Pb)	239.2	mg/L
#4010 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Lead, (Dissd.)	(Pb dis)	239.2	mg/L
#4010 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Magnesium	(Mg)	200.7	mg/L
#4010 DN			
34.1			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L
#4010 DN			
32.2			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Manganese	(Mn)	200.7	mg/L
#4010 DN			
.0622			
Det. Limit 0.0150			
Lab Qual.			
Val Qual. -			
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L
#4010 DN			
.0604			
Det. Limit 0.0150			
Lab Qual.			
Val Qual. -			

Parameter	Code	Method	Units
Mercury	(Hg)	245.1	mg/L
#4010 DN			
ND<.0002			
Det. Limit 0.0002			
Lab Qual. U			
Val Qual. U			
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L
#4010 DN			
ND<.0002			
Det. Limit 0.0002			
Lab Qual. U			
Val Qual. U			
Methylene chloride	(MeCl)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. BJ			
Val Qual. U			
Nickel	(Ni)	200.7	mg/L
#4010 DN			
ND<.019			
Det. Limit 0.0190			
Lab Qual. U			
Val Qual. U			
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L
#4010 DN			
ND<.019			
Det. Limit 0.0190			
Lab Qual. U			
Val Qual. U			
Phenols	(Phen)	9066	mg/L
#4010 DN			
ND<.01			
Det. Limit 0.0100			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Radium-226	(Ra-226)	903.1	pCi/l
#4010 DN			
.7			
Det. Limit 1.0000*			
Lab Qual.			
Val Qual. J			
Radium-228	(Ra-228)	904.0	pCi/l
#4010 DN			
2.3			
Det. Limit 3.0000*			
Lab Qual.			
Val Qual. -			
Selenium	(Se)	270.2	mg/L
#4010 DN			
ND<.002			
Det. Limit 0.0020			
Lab Qual. UW			
Val Qual. UJ			
Selenium, (Dissd.)	(Se dis)	270.2	mg/L
#4010 DN			
ND<.002			
Det. Limit 0.0020			
Lab Qual. UW			
Val Qual. UJ			
Silver	(Ag)	200.7	mg/L
#4010 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. U			
Silver, (Dissd.)	(Ag dis)	200.7	mg/L
#4010 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. U			

5217

Parameter	Code	Method	Units
Sodium	(Na)	200.7	mg/L
#4010 DN			
26			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Sodium, (Dissd.)	(Na dis)	200.7	mg/L
#4010 DN			
23			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Specific Conductivity	(Cond)	9050	umhos/cm
#4010 DN			
800			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Sulfate	(SO4)	9036	mg/L
#4010 DN			
65			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Tetrachloroethene	(TetCEthy)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Toluene	(Toluen)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

5212

Parameter	Code	Method	Units
Trichloroethene	(TCE)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Uranium, Total	(U-Total)	908.1	ug/L
#4010 DN			
.1			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. -			
Vanadium	(Va)	200.7	mg/L
#4010 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L
#4010 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Vinyl chloride	(VC)	624	ug/L
#4010 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Zinc	(Zn)	200.7	mg/L
#4010 DN			
ND<.006			
Det. Limit 0.0060			
Lab Qual. U			
Val Qual. U			

5217

Parameter	Code	Method	Units
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L
#4010 DN			
ND<.006			
Det. Limit 0.0060			
Lab Qual. U			
Val Qual. U			
pH	(pH F)	9040	SU
#4010 DN			
7.6			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Water elevation	(None)		Feet
#2430 DN			
521.31			
Det. Limit None			
Lab Qual.			
Val Qual.			
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L
#2430 DN	#2430 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
1,1-Dichloroethane	(1,1DCE)	624	ug/L
#2430 DN	#2430 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L
#2430 DN	#2430 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

5212

Parameter	Code	Method	Units
1,2-Dichloroethane	(1,2DCE)	624	ug/L

#2430 DN	#2430 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Parameter	Code	Method	Units
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L

#2430 DN	#2430 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Parameter	Code	Method	Units
Acetone	(Acetone)	624	ug/L

#2430 DN	#2430 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

#2430 DN	#2430 DN Dup.
250000	250000
Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Parameter	Code	Method	Units
Aluminum	(Al)	200.7	mg/L

#2430 DN	#2430 DN Dup.
.0443	.016
Det. Limit 0.2000*	Det. Limit 0.2000*
Lab Qual. B	Lab Qual. B
Val Qual. -	Val Qual. -

Parameter	Code	Method	Units
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L

#2430 DN	#2430 DN Dup.
ND<.014	ND<.014
Det. Limit 0.0140	Det. Limit 0.0140
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Arsenic	(As)	206.2	mg/L

#2430 DN	#2430 DN Dup.
ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Arsenic, (Dissd.)	(As dis)	206.2	mg/L

#2430 DN	#2430 DN Dup.
.001	ND<.001
Det. Limit 0.0100*	Det. Limit 0.0010
Lab Qual. B	Lab Qual. U
Val Qual. -	Val Qual. U

Barium	(Ba)	200.7	mg/L

#2430 DN	#2430 DN Dup.
.0682	.0671
Det. Limit 0.2000*	Det. Limit 0.2000*
Lab Qual. B	Lab Qual. B
Val Qual. -	Val Qual. -

Barium, (Dissd.)	(Ba dis)	200.7	mg/L

#2430 DN	#2430 DN Dup.
.0683	.0695
Det. Limit 0.2000*	Det. Limit 0.2000*
Lab Qual. B	Lab Qual. B
Val Qual. -	Val Qual. -

Benzene	(Benzene)	624	ug/L

#2430 DN	#2430 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Beryllium	(Be)	200.7	mg/L

#2430 DN	#2430 DN Dup.
ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Parameter	Code	Method	Units
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
ND<.001	ND<.0012		
Det. Limit 0.0010	Det. Limit 0.0012		
Lab Qual. U	Lab Qual. B		
Val Qual. U	Val Qual. U		
Cadmium	(Cd)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
ND<.003	ND<.003		
Det. Limit 0.0030	Det. Limit 0.0030		
Lab Qual. U*	Lab Qual. U		
Val Qual. UJ	Val Qual. UJ		
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
ND<.003	ND<.003		
Det. Limit 0.0030	Det. Limit 0.0030		
Lab Qual. U*	Lab Qual. U		
Val Qual. UJ	Val Qual. UJ		
Calcium	(Ca)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
256	249		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
261	252		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Carbon disulfide	(CS2)	624	ug/L
#2430 DN	#2430 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Chloride	(Chloride)	9251	mg/L

	#2430 DN		#2430 DN Dup.
	18		18
Det. Limit	1.0000	Det. Limit	1.0000
Lab Qual.		Lab Qual.	
Val Qual.	-	Val Qual.	-

Parameter	Code	Method	Units
Chloroform	(Chlorofm)	624	ug/L

	#2430 DN		#2430 DN Dup.
	ND<10		ND<10
Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U

Parameter	Code	Method	Units
Chromium	(Cr)	200.7	mg/L

	#2430 DN		#2430 DN Dup.
	ND<.004		ND<.004
Det. Limit	0.0040	Det. Limit	0.0040
Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U

Parameter	Code	Method	Units
Cobalt	(Co)	200.7	mg/L

	#2430 DN		#2430 DN Dup.
	ND<.0073		ND<.006
Det. Limit	0.0073	Det. Limit	0.0060
Lab Qual.	B	Lab Qual.	U
Val Qual.	U	Val Qual.	U

Parameter	Code	Method	Units
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L

	#2430 DN		#2430 DN Dup.
	ND<.006		ND<.0061
Det. Limit	0.0060	Det. Limit	0.0061
Lab Qual.	U	Lab Qual.	B
Val Qual.	U	Val Qual.	U

Parameter	Code	Method	Units
Copper	(Cu)	200.7	mg/L

	#2430 DN		#2430 DN Dup.
	ND<.004		ND<.005
Det. Limit	0.0040	Det. Limit	0.0050
Lab Qual.	U	Lab Qual.	B
Val Qual.	U	Val Qual.	U

Parameter	Code	Method	Units
Copper, (Dissd.)	(Cu dis)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
ND<.004	ND<.0138		
Det. Limit 0.0040	Det. Limit 0.0138		
Lab Qual. U	Lab Qual. B		
Val Qual. U	Val Qual. U		
Fluoride	(Flrd)	340.2	ug/L
#2430 DN	#2430 DN Dup.		
200	200		
Det. Limit 100.0000	Det. Limit 100.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Gross Alpha	(Alpha)	UNKNOWN	pCi/l
#2430 DN	#2430 DN Dup.		
ND<7.7	ND<6		
Det. Limit 7.7000	Det. Limit 6.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Gross Beta	(Beta)	900.0	pCi/l
#2430 DN	#2430 DN Dup.		
ND<7.5	ND<6.4		
Det. Limit 7.5000	Det. Limit 6.4000		
Lab Qual. U	Lab Qual. U		
Val Qual. NV	Val Qual. NV		
Iron	(Fe)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
4.05	3.96		
Det. Limit 0.1000	Det. Limit 0.1000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Iron, (Dissd.)	(Fe dis)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
4.07	3.87		
Det. Limit 0.1000	Det. Limit 0.1000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		

Parameter	Code	Method	Units
Lead	(Pb)	239.2	mg/L

#2430 DN	#2430 DN Dup.
ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. UW	Lab Qual. UW
Val Qual. UJ	Val Qual. UJ

Lead, (Dissd.)	(Pb dis)	239.2	mg/L

#2430 DN	#2430 DN Dup.
ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. UW	Lab Qual. UW
Val Qual. UJ	Val Qual. UJ

Magnesium	(Mg)	200.7	mg/L

#2430 DN	#2430 DN Dup.
56.8	53.8
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L

#2430 DN	#2430 DN Dup.
56.9	56.6
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Manganese	(Mn)	200.7	mg/L

#2430 DN	#2430 DN Dup.
.814	.774
Det. Limit 0.0150	Det. Limit 0.0150
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Manganese, (Dissd.)	(Mn dis)	200.7	mg/L

#2430 DN	#2430 DN Dup.
.789	.796
Det. Limit 0.0150	Det. Limit 0.0150
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Parameter	Code	Method	Units
Mercury	(Hg)	245.1	mg/L
#2430 DN	#2430 DN Dup.		
ND<.0002	ND<.0002		
Det. Limit 0.0002	Det. Limit 0.0002		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L
#2430 DN	#2430 DN Dup.		
ND<.0002	ND<.0002		
Det. Limit 0.0002	Det. Limit 0.0002		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Methylene chloride	(MeCl)	624	ug/L
#2430 DN	#2430 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. BJ	Lab Qual. BJ		
Val Qual. U	Val Qual. U		
Nickel	(Ni)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
ND<.019	ND<.019		
Det. Limit 0.0190	Det. Limit 0.0190		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
ND<.019	ND<.019		
Det. Limit 0.0190	Det. Limit 0.0190		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Phenols	(Phen)	9066	mg/L
#2430 DN	#2430 DN Dup.		
ND<.01	ND<.01		
Det. Limit 0.0100	Det. Limit 0.0100		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

Parameter		Code	Method	Units
Radium-226		(Ra-226)	903.1	pCi/l
	#2430 DN	#2430 DN	Dup.	
	.4	.8		
Det. Limit	1.0000*	Det. Limit 1.0000*		
Lab Qual.		Lab Qual.		
Val Qual.	J	Val Qual. J		
Radium-228		(Ra-228)	904.0	pCi/l
	#2430 DN	#2430 DN	Dup.	
	ND<2.2	ND<1.8		
Det. Limit	2.2000	Det. Limit 1.8000		
Lab Qual.	U	Lab Qual. U		
Val Qual.	U	Val Qual. U		
Selenium		(Se)	270.[illegible]	
	#2430 DN	#2430 DN	Dup.	
	ND<.002	ND<.002		
Det. Limit	0.0020	Det. Limit 0.0020		
Lab Qual.	UW	Lab Qual. UW		
Val Qual.	UJ	Val Qual. UJ		
Selenium, (Dissd.)		(Se dis)	270.2	mg/L
	#2430 DN	#2430 DN	Dup.	
	ND<.002	ND<.002		
Det. Limit	0.0020	Det. Limit 0.0020		
Lab Qual.	UWN	Lab Qual. U		
Val Qual.	UJ	Val Qual. UJ		
Silver		(Ag)	200.7	mg/L
	#2430 DN	#2430 DN	Dup.	
	ND<.003	ND<.004		
Det. Limit	0.0030	Det. Limit 0.0040		
Lab Qual.	U	Lab Qual. B		
Val Qual.	U	Val Qual. U		
Silver, (Dissd.)		(Ag dis)	200.7	mg/L
	#2430 DN	#2430 DN	Dup.	
	ND<.003	ND<.003		
Det. Limit	0.0030	Det. Limit 0.0030		
Lab Qual.	U	Lab Qual. U		
Val Qual.	U	Val Qual. U		

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Sodium	(Na)	200.7	mg/L

#2430 DN	#2430 DN Dup.
9.54	8.62
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. J

Sodium, (Dissd.)	(Na dis)	200.7	mg/L

#2430 DN	#2430 DN Dup.
9.21	9.55
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. J

Specific Conductivity	(Cond)	9050	umhos/cm

#2430 DN	#2430 DN Dup.
1500	1400
Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Sulfate	(SO4)	9036	mg/L

#2430 DN	#2430 DN Dup.
610	480
Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Tetrachloroethene	(TetCEthy)	624	ug/L

#2430 DN	#2430 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Toluene	(Toluen)	624	ug/L

#2430 DN	#2430 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

0551

5217

0552

Parameter	Code	Method	Units
Trichloroethene	(TCE)	624	ug/L
#2430 DN	#2430 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Uranium, Total	(U-Total)	908.1	ug/L
#2430 DN	#2430 DN Dup.		
4.1	3.6		
Det. Limit 0.1000	Det. Limit 0.1000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Vanadium	(Va)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
.0051	ND<.004		
Det. Limit 0.0500*	Det. Limit 0.0040		
Lab Qual. B	Lab Qual. U		
Val Qual. -	Val Qual. U		
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
ND<.004	.0066		
Det. Limit 0.0040	Det. Limit 0.0500*		
Lab Qual. U	Lab Qual. B		
Val Qual. U	Val Qual. -		
Vinyl chloride	(VC)	624	ug/L
#2430 DN	#2430 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Zinc	(Zn)	200.7	mg/L
#2430 DN	#2430 DN Dup.		
ND<.006	ND<.006		
Det. Limit 0.0060	Det. Limit 0.0060		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/15/93

Parameter	Code	Method	Units
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L

	#2430 DN	#2430 DN Dup.
	ND<.0062	ND<.006
Det. Limit	0.0062	0.0060
Lab Qual.	B	U
Val Qual.	U	U

Parameter	Code	Method	Units
pH	(pH F)	9040	SU

	#2430 DN	#2430 DN Dup.
	7.1	6.6
Det. Limit	None	None
Lab Qual.		
Val Qual.	-	-

5217

0750

02/18/94

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units				
Water elevation	(None)		Feet				
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1523 DN	#2648 DN	
	576.95	569.41	556.34	581.48	570.42	522.29	
Det. Limit	None	None	None	None	None	None	
Lab Qual.							
Val Qual.							
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L				
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U
1,1-Dichloroethane	(1,1DCE)	624	ug/L				
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L				
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
1,2-Dichloroethane	(1,2DCE)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U	U
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U	U
Acetone	(Acetone)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U	U	U
Val Qual.				U	U	U	U	U	U	U
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L	150000	440000	400000	360000	480000	340000	
Det. Limit				None	None	None	None	None	None	
Lab Qual.										
Val Qual.				-	-	-	-	-	-	

0555

5217

0556

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

	#2648 DN
	320000
Det. Limit	None
Lab Qual.	
Val Qual.	-

Aluminum	(Al)	200.7	mg/L			
#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
.0919	.247	.188	26.3	23.7	ND<.0197
Det. Limit 0.2000*	Det. Limit 0.2000	Det. Limit 0.2000*	Det. Limit 0.2000	Det. Limit 0.2000	Det. Limit 0.0197
Lab Qual. B	Lab Qual.	Lab Qual. B	Lab Qual.	Lab Qual.	Lab Qual. B
Val Qual. -	Val Qual. J	Val Qual. -	Val Qual. -	Val Qual. J	Val Qual. U

Aluminum, (Dissd.)	(Al dis)	200.7	mg/L			
#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN
ND<.024	ND<.0174	ND<.109	ND<.0265	ND<.014	ND<.135
Det. Limit 0.0240	Det. Limit 0.0174	Det. Limit 0.1090	Det. Limit 0.0265	Det. Limit 0.0140	Det. Limit 0.1350
Lab Qual. B	Lab Qual. B	Lab Qual. B	Lab Qual. B	Lab Qual. U	Lab Qual. B
Val Qual. U	Val Qual. U	Val Qual. UJ	Val Qual. U	Val Qual. U	Val Qual. U

#2648 DN
ND<.0363
Det. Limit 0.0363
Lab Qual. B
Val Qual. U

Arsenic	(As)	206.2	mg/L			
#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
.0023	.0017	ND<.001	.0025	.0024	ND<.001
Det. Limit 0.0100*	Det. Limit 0.0100*	Det. Limit 0.0010	Det. Limit 0.0100*	Det. Limit 0.0100*	Det. Limit 0.0010
Lab Qual. B	Lab Qual. B	Lab Qual. U	Lab Qual. B	Lab Qual. B	Lab Qual. U
Val Qual. -	Val Qual. J	Val Qual. U	Val Qual. -	Val Qual. J	Val Qual. U

Arsenic, (Dissd.)	(As dis)	206.2	mg/L			
#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN
ND<.001	ND<.001	.0018	ND<.001	ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010	Det. Limit 0.0100*	Det. Limit 0.0010	Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U	Lab Qual. B	Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U	Val Qual. J	Val Qual. U	Val Qual. U	Val Qual. U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units
Arsenic, (Dissd.)	(As dis)	206.2	mg/L

	#2648 DN
	ND<.001
Det. Limit	0.0010
Lab Qual.	U
Val Qual.	U

Barium (Ba) 200.7 mg/L

	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	.0384	.0457	.0683	.164	.168	.0618
Det. Limit	0.2000*	0.2000*	0.2000*	0.2000*	0.2000*	0.2000*
Lab Qual.	B	B	B	B	B	B
Val Qual.	-	J	-	-	J	-

Barium, (Dissd.) (Ba dis) 200.7 mg/L

	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	.0166	.0347	.042	.0646	.0454	.0466	.0624
Det. Limit	0.2000*	0.2000*	0.2000*	0.2000*	0.2000*	0.2000*	0.2000*
Lab Qual.	B	B	B	B	B	B	B
Val Qual.	-	-	J	-	-	-	-

Benzene (Benzene) 624 ug/L

	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	UJ	U	U

0557

5217

Parameter	Code	Method	Units					
Beryllium	(Be)	200.7	mg/L					
	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN		
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001		
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	UJ	U	U	UJ	U		
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L					
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN	
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001	
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	U	U	UJ	U	U	U	U	
Cadmium	(Cd)	200.7	mg/L					
	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN		
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003		
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	UJ	U	U	UJ	U		
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L					
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN	
	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	U	U	UJ	U	U	U	U	

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units										
Calcium	(Ca)	200.7	mg/L										
	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN							
	145	157	131	387	369	197							
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000							
Lab Qual.													
Val Qual.	-	J	-	-	J	-							
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L										
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN						
	42.8	141	148	126	145	117	191						
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000						
Lab Qual.													
Val Qual.	-	-	J	-	-	-	-						
Carbon disulfide	(CS2)	624	ug/L										
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN						
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10						
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000						
Lab Qual.	U	U	U	U	U	U	U						
Val Qual.	U	U	U	U	U	U	U						
Chloride	(Chloride)	9251	mg/L										
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN						
	.5	16	1.4	49	26	6.4	78						
Det. Limit	1.0000*	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000						
Lab Qual.													
Val Qual.	-	-	-	-	-	-	-						

0559

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units
Chloroform	(Chlorofm)	624	ug/L

	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	U	U	U	U	U	U	U

Chromium	(Cr)	200.7	mg/L

	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<.0066	ND<.0099	ND<.0207	ND<.038	ND<.0419	ND<.016
Det. Limit	0.0066	0.0099	0.0207	0.0380	0.0419	0.0160
Lab Qual.	B	B				
Val Qual.	U	UJ	U	U	UJ	U

Cobalt	(Co)	200.7	mg/L

	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<.006	ND<.006	ND<.006	.0132	.0133	ND<.006
Det. Limit	0.0060	0.0060	0.0060	0.0500*	0.0500*	0.0060
Lab Qual.	U	U	U	B	B	U
Val Qual.	U	UJ	U	-	J	U

Cobalt, (Dissd.)	(Co dis)	200.7	mg/L

	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<.006	ND<.006	ND<.006	ND<.006	ND<.006	ND<.006	ND<.006
Det. Limit	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060	0.0060
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	U	U	UJ	U	U	U	U

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units				
Copper	(Cu)	200.7	mg/L				
	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN	
	ND<.004	ND<.0081	ND<.004	ND<.0478	ND<.0421	ND<.004	
Det. Limit	0.0040	0.0081	0.0040	0.0478	0.0421	0.0040	
Lab Qual.	U	B	U			U	
Val Qual.	U	UJ	U	U	UJ	U	
Copper, (Dissd.)	(Cu dis)	200.7	mg/L				
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<.004	ND<.004	.005	ND<.004	ND<.004	.005	ND<.004
Det. Limit	0.0040	0.0040	0.0250*	0.0040	0.0040	0.0250*	0.0040
Lab Qual.	U	U	B	U	U	B	U
Val Qual.	U	U	J	U	U	-	U
Fluoride	(Flrd)	340.2	ug/L				
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	700	590	1200	400	300	200	300
Det. Limit	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000	100.0000
Lab Qual.							
Val Qual.	-	-	-	-	-	-	-
Gross Alpha	(Alpha)	900.0	pCi/l				
	#1027 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN	
	115	9.2	56.5	ND<21.3	57.7	7.8	
Det. Limit	2.0000	2.0000	2.0000	21.3000	2.0000	2.0000	
Lab Qual.				U			
Val Qual.	NV	NV	NV	NV	NV	NV	

05601

5217

5217

0562

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units	Sample	Result	Det. Limit	Lab Qual.	Val Qual.
Gross Beta	(Beta)	900.0	pCi/l	#1027 DN	134	4.0000		NV
				#1079 DN	ND<5.4	5.4000	U	NV
				#1083 DN	83.5	4.0000		NV
				#1160 DN	41.5	4.0000		NV
				#1523 DN	103	4.0000		NV
				#2648 DN	316	4.0000		NV
Iron	(Fe)	200.7	mg/L	#1038 DN	ND<.607	0.6070		UJ
				#1079 DN	ND<.477	0.4770		UJ
				#1083 DN	ND<.38	0.3800		UJ
				#1160 DN	52.4	0.1000		J
				#1523 DN	50.1	0.1000		J
				#2648 DN	ND<.382	0.3820		UJ
Iron, (Dissd.)	(Fe dis)	200.7	mg/L	#1027 DN	ND<.124	0.1240		U
				#1038 DN	ND<.0369	0.0369	B	U
				#1079 DN	ND<.233	0.2330		UJ
				#1083 DN	ND<.0724	0.0724	B	U
				#1160 DN	ND<.015	0.0150	U	U
				#1523 DN	ND<.26	0.2600		U
				#2648 DN	ND<.0623	0.0623	B	U
Lead	(Pb)	239.2	mg/L	#1038 DN	ND<.0024	0.0024	BW	UJ
				#1079 DN	ND<.001	0.0010	UW	UJ
				#1083 DN	ND<.0032	0.0032	W	UJ
				#1160 DN	ND<.0167	0.0167	S	UJ
				#1523 DN	ND<.0179	0.0179	S	UJ
				#2648 DN	ND<.001	0.0010	UW	UJ
Lead, (Dissd.)	(Pb dis)	239.2	mg/L	#1027 DN	ND<.0017	0.0017	BW	UJ
				#1038 DN	ND<.001	0.0010	UW	UJ
				#1079 DN	ND<.001	0.0010	UW	UJ
				#1083 DN	ND<.001	0.0010	UW	UJ
				#1160 DN	ND<.001	0.0010	UW	UJ
				#1523 DN	ND<.001	0.0010	UW	UJ

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units
Lead, (Dissd.)	(Pb dis)	239.2	mg/L

	#2648 DN
	ND<.001
Det. Limit	0.0010
Lab Qual.	UW
Val Qual.	UJ

Magnesium (Mg) 200.7 mg/L

	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	61.7	71.1	40.3	135	124	40
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.						
Val Qual.	-	J	-	-	J	-

Magnesium, (Dissd.) (Mg dis) 200.7 mg/L

	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	14	60.1	66.8	38.8	50.1	31.6	38.8
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.							
Val Qual.	-	-	J	-	-	-	-

Manganese (Mn) 200.7 mg/L

	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	.101	.0446	.0248	.981	1.08	.566
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.						
Val Qual.	-	J	-	-	J	-

Manganese, (Dissd.) (Mn dis) 200.7 mg/L

	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN
	ND<.003	.085	.0311	ND<.0104	ND<.0047	.077
Det. Limit	0.0030	0.0150	0.0150	0.0104	0.0047	0.0150
Lab Qual.	B			B	B	
Val Qual.	U	-	J	U	U	-

5217

Parameter	Code	Method	Units
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L

	#2648 DN
	.486
Det. Limit	0.0150
Lab Qual.	
Val Qual.	-

Mercury	(Hg)	245.1	mg/L			
#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
ND<.0002	ND<.0002	ND<.0002	ND<.0002	.00047	ND<.0002
Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002
Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual.	Lab Qual. U
Val Qual. U	Val Qual. UJ	Val Qual. U	Val Qual. U	Val Qual. J	Val Qual. U

Mercury, (Dissd.)	(Hg dis)	245.1	mg/L			
#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN
.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002	Det. Limit 0.0002
Lab Qual.	Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual. -	Val Qual. U	Val Qual. UJ	Val Qual. U	Val Qual. U	Val Qual. U

	#2648 DN
	ND<.0002
Det. Limit	0.0002
Lab Qual.	U
Val Qual.	U

Methylene chloride	(MeCl)	624	ug/L			
#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN
ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. BJ	Lab Qual. BJ	Lab Qual. BJ	Lab Qual. BJ	Lab Qual. BJ	Lab Qual. BJ
Val Qual. U	Val Qual. U	Val Qual. U	Val Qual. U	Val Qual. U	Val Qual. U

	#2648 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	BJ
Val Qual.	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units										
Nickel	(Ni)	200.7	mg/L										
	#1038 DN			#1079 DN		#1083 DN		#1160 DN		#1523 DN		#2648 DN	
	ND<.019			ND<.019		ND<.019		.0396		.053		ND<.019	
Det. Limit	0.0190	Det. Limit	0.0190	Det. Limit	0.0190	Det. Limit	0.0190	Det. Limit	0.0400*	Det. Limit	0.0400	Det. Limit	0.0190
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	B	Lab Qual.		Lab Qual.	U
Val Qual.	U	Val Qual.	UJ	Val Qual.	U	Val Qual.	-	Val Qual.	J	Val Qual.	U		
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L										
	#1027 DN			#1038 DN		#1079 DN		#1083 DN		#1160 DN		#1523 DN	
	ND<.019			ND<.019		ND<.019		ND<.019		ND<.019		ND<.019	
Det. Limit	0.0190	Det. Limit	0.0190	Det. Limit	0.0190	Det. Limit	0.0190	Det. Limit	0.0190	Det. Limit	0.0190	Det. Limit	0.0190
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	UJ	Val Qual.	U	Val Qual.	U	Val Qual.	U		
	#2648 DN												
	ND<.019												
Det. Limit	0.0190												
Lab Qual.	U												
Val Qual.	U												
Nitrate/Nitrite	(NO3/NO2)	353.2	ug/L										
	#1027 DN			#1038 DN		#1079 DN		#1083 DN		#1160 DN		#1523 DN	
	ND<50			ND<140		10000000		ND<190		2000		720	
Det. Limit	50.0000	Det. Limit	140.0000	Det. Limit	100.0000	Det. Limit	190.0000	Det. Limit	100.0000	Det. Limit	100.0000		
Lab Qual.	U	Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.		Lab Qual.			
Val Qual.	U	Val Qual.	U	Val Qual.	-	Val Qual.	U	Val Qual.	-	Val Qual.	-		
	#2648 DN												
	20000												
Det. Limit	100.0000												
Lab Qual.													
Val Qual.	-												
Phenols	(Phen)	9066	mg/L										
	#1027 DN			#1038 DN		#1079 DN		#1083 DN		#1160 DN		#1523 DN	
	ND<.01			ND<.01		ND<.01		ND<.01		ND<.01		ND<.01	
Det. Limit	0.0100	Det. Limit	0.0100	Det. Limit	0.0100	Det. Limit	0.0100	Det. Limit	0.0100	Det. Limit	0.0100	Det. Limit	0.0100
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	Lab Qual.	U
Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U	Val Qual.	U
	#2648 DN												
	ND<.01												
Det. Limit	0.0100												
Lab Qual.	U												
Val Qual.	U												

0503

5217

Parameter	Code	Method	Units					
Radium-226	(Ra-226)	903.1	pCi/l					
	#1027 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	1.4	1.8	.4	1.7	2.2	1
Det. Limit	1.0000	1.0000	1.0000*	1.0000	1.0000	1.0000
Lab Qual.						
Val Qual.	-	-	-	-	-	J
Radium-228	(Ra-228)	904.0	pCi/l					
	#1027 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	2.6	ND<2.1	2.5	2.5	2.4	ND<1.6
Det. Limit	3.0000*	2.1000	3.0000*	3.0000*	3.0000*	1.6000
Lab Qual.		U				U
Val Qual.	-	U	-	-	-	U
Selenium	(Se)	270.2	mg/L					
	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	.002	.002	.002	.02	.02	.002
Det. Limit	0.0050*	0.0050*	0.0050*	0.0050	0.0050	0.0050*
Lab Qual.	UNW	UNW	UNW	UNW	UNW	UNW
Val Qual.	R	R	R	R	R	R
Selenium, (Dissd.)	(Se dis)	270.2	mg/L					
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN
	ND<.002	ND<.02	ND<.002	ND<.002	ND<.002	ND<.002
Det. Limit	0.0020	0.0200	0.0020	0.0020	0.0020	0.0020
Lab Qual.	UNW	UNW	UW	UNW	UNW	UNW
Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ
	#2648 DN					
	ND<.002					
Det. Limit	0.0020					
Lab Qual.	UNW					
Val Qual.	UJ					
Silver	(Ag)	200.7	mg/L					
	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<.003	.0087	ND<.003	ND<.003	.0037	.003
Det. Limit	0.0030	0.0100*	0.0030	0.0030	0.0100*	0.0100*
Lab Qual.	U	B	U	U	B	B
Val Qual.	UJ	J	UJ	UJ	J	J

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units
Silver, (Dissd.)	(Ag dis)	200.7	mg/L
Sodium	(Na)	200.7	mg/L
Sodium, (Dissd.)	(Na dis)	200.7	mg/L
Specific Conductivity	(Cond)	9050	umhos/cm

Parameter	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
Silver, (Dissd.)	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030	0.0030
Lab Qual.	U	U	U	U	U	U	U
Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ	UJ
Sodium	8.33	19.5	27.1	8.43	4.56	42.4	
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000*	5.0000	
Lab Qual.					B		
Val Qual.	-	J	-	-	J	-	
Sodium, (Dissd.)	3.86	8.28	18.7	26	7.63	3.7	42.3
Det. Limit	5.0000*	5.0000	5.0000	5.0000	5.0000	5.0000*	5.0000
Lab Qual.	B					B	
Val Qual.	-	-	J	-	-	-	-
Specific Conductivity	340	1000	1200	970	1000	720	1400
Det. Limit	None	None	None	None	None	None	None
Lab Qual.							
Val Qual.	-	-	-	-	-	-	-

5217

0567

Parameter	Code	Method	Units					
Sulfate	(SO4)	9036	mg/L					
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN	
	31	130	290	100	41	37	250	
Det. Limit	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
Lab Qual.								
Val Qual.	-	-	-	-	-	-	-	
Tetrachloroethene	(TetCEthy)	624	ug/L					
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN	
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000	
Lab Qual.	U	U	U	U	U	U	U	
Val Qual.	U	U	U	U	U	U	U	
Toluene	(Toluen)	624	ug/L					
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN	
	ND<10	ND<10	ND<10	ND<10	ND<10	2	ND<10	
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000*	10.0000	
Lab Qual.	U	U	U	U	U	J	U	
Val Qual.	U	U	U	U	UJ	J	U	
Trichloroethene	(TCE)	624	ug/L					
	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN		
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000		
Lab Qual.	U	U	U	U	U	U		
Val Qual.	U	U	U	U	U	U		

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units
Trichloroethene	(TCE)	624	ug/L

	#2648 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Uranium, Total (U-Total) 908.1 ug/L

	#1027 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	439	1.8	142	13.6	29.9	23.9
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.						
Val Qual.	-	J	-	J	J	-

Vanadium (Va) 200.7 mg/L

	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<.004	ND<.0073	ND<.004	.0482	.0413	ND<.004
Det. Limit	0.0040	0.0073	0.0040	0.0500*	0.0500*	0.0040
Lab Qual.	U	B	U	B	B	U
Val Qual.	U	UJ	U	-	J	U

Vanadium, (Dissd.) (Va dis) 200.7 mg/L

	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<.004	ND<.004	ND<.004	ND<.004	ND<.004	ND<.0042	ND<.004
Det. Limit	0.0040	0.0040	0.0040	0.0040	0.0040	0.0042	0.0040
Lab Qual.	U	U	U	U	U	B	U
Val Qual.	U	U	UJ	U	U	U	U

Vinyl chloride (VC) 624 ug/L

	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN
	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U	U
Val Qual.	UJ	UJ	UJ	UJ	UJ	UJ

5917

1993 RCRA Annual Report Sampling Results
Sample Date of 04/16/93

Parameter	Code	Method	Units
Vinyl chloride	(VC)	624	ug/L

	#2648 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	UJ

Zinc	(Zn)	200.7	mg/L

	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN	#2648 DN
	ND<.006	ND<.006	ND<.006	ND<.133	ND<.132	ND<.006
Det. Limit	0.0060	0.0060	0.0060	0.1330	0.1320	0.0060
Lab Qual.	U	U	U			U
Val Qual.	U	UJ	U	U	UJ	U

Zinc, (Dissd.)	(Zn dis)	200.7	mg/L

	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN
	ND<.006	ND<.006	ND<.006	ND<.006	ND<.006	.0065
Det. Limit	0.0060	0.0060	0.0060	0.0060	0.0060	0.0200*
Lab Qual.	U	U	U	U	U	B
Val Qual.	U	U	UJ	U	U	-

	#2648 DN
	ND<.006
Det. Limit	0.0060
Lab Qual.	U
Val Qual.	U

pH	(pH F)	9040	SU

	#1027 DN	#1038 DN	#1079 DN	#1083 DN	#1160 DN	#1523 DN
	7.6	7.2	7.4	7.4	7	7.3
Det. Limit	None	None	None	None	None	None
Lab Qual.						
Val Qual.	-	-	-	-	-	-

	#2648 DN
	7.5
Det. Limit	None
Lab Qual.	
Val Qual.	-

1993 RCRA Annual Report Sampling Results
Sample Date of 04/17/93

Parameter	Code	Method	Units	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
Water elevation	(None)		Feet	562.92	583.94	581.71	580.44	565.49
Det. Limit				None	None	None	None	None
Lab Qual.								
Val Qual.								
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U
Val Qual.				U	U	U	U	U
1,1-Dichloroethane	(1,1DCE)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U
Val Qual.				U	U	U	U	U
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U
Val Qual.				U	U	U	U	U
1,2-Dichloroethane	(1,2DCE)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U
Val Qual.				U	U	U	U	U
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U
Val Qual.				U	U	U	U	U

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/17/93

Parameter	Code	Method	Units				
Acetone	(Acetone)	624	ug/L				
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<10		ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual.	UJ	Val Qual.	UJ	Val Qual. UJ	Val Qual. UJ	Val Qual. UJ
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L				
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	552000		456000	336000	404000	422000
Det. Limit	None	Det. Limit	None	Det. Limit None	Det. Limit None	Det. Limit None
Lab Qual.		Lab Qual.		Lab Qual.	Lab Qual.	Lab Qual.
Val Qual.	-	Val Qual.	-	Val Qual. -	Val Qual. -	Val Qual. -
Aluminum	(Al)	200.7	mg/L				
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	.312		10.9	4.61	1.92	.999
Det. Limit	0.2000	Det. Limit	0.2000	Det. Limit 0.2000	Det. Limit 0.2000	Det. Limit 0.2000
Lab Qual.	*	Lab Qual.	*	Lab Qual. *	Lab Qual. *	Lab Qual. *
Val Qual.	J	Val Qual.	J	Val Qual. J	Val Qual. J	Val Qual. J
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L				
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.02		.0452	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	Det. Limit	0.2000*	Det. Limit 0.0200	Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual.	U	Lab Qual.	B*	Lab Qual. U*	Lab Qual. U*	Lab Qual. U*
Val Qual.	UJ	Val Qual.	J	Val Qual. UJ	Val Qual. UJ	Val Qual. UJ
Arsenic	(As)	206.2	mg/L				
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.002		.0056	.313	ND<.002	ND<.002
Det. Limit	0.0020	Det. Limit	0.0100*	Det. Limit 0.0100	Det. Limit 0.0020	Det. Limit 0.0020
Lab Qual.	U	Lab Qual.	B	Lab Qual.	Lab Qual. U	Lab Qual. U
Val Qual.	U	Val Qual.	-	Val Qual. -	Val Qual. U	Val Qual. U
Arsenic, (Dissd.)	(As dis)	206.2	mg/L				
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.002		ND<.002	.191	ND<.002	ND<.002
Det. Limit	0.0020	Det. Limit	0.0020	Det. Limit 0.0100	Det. Limit 0.0020	Det. Limit 0.0020
Lab Qual.	U	Lab Qual.	U	Lab Qual. S	Lab Qual. U	Lab Qual. U
Val Qual.	U	Val Qual.	U	Val Qual. -	Val Qual. U	Val Qual. U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/17/93

Parameter	Code	Method	Units				
Barium	(Ba)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN		
	.0431	.22	.285	.0449	.0394		
Det. Limit	0.2000*	0.2000	0.2000	0.2000*	0.2000*		
Lab Qual.	B			B	B		
Val Qual.	-	-	-	-	-		
Barium, (Dissd.)	(Ba dis)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN		
	.0404	.12	.267	.0363	.0366		
Det. Limit	0.2000*	0.2000*	0.2000	0.2000*	0.2000*		
Lab Qual.	B	B		B	B		
Val Qual.	-	-	-	-	-		
Benzene	(Benzene)	624	ug/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN		
	ND<10	ND<10	2	ND<10	ND<10		
Det. Limit	10.0000	10.0000	10.0000*	10.0000	10.0000		
Lab Qual.	U	U	J	U	U		
Val Qual.	U	U	J	U	U		
Beryllium	(Be)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN		
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001		
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010		
Lab Qual.	U	U	U	U	U		
Val Qual.	U	U	U	U	U		
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN		
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001		
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010		
Lab Qual.	U	U	U	U	U		
Val Qual.	U	U	U	U	U		
Cadmium	(Cd)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN		
	ND<.003	.0046	.0038	ND<.003	ND<.003		
Det. Limit	0.0030	0.0050*	0.0050*	0.0030	0.0030		
Lab Qual.	U	B	B	U	U		
Val Qual.	U	-	-	U	U		

Parameter	Code	Method	Units				
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L				
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.003		ND<.003	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	Det. Limit	0.0030	Det. Limit 0.0030	Det. Limit 0.0030	Det. Limit 0.0030
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual.	U	Val Qual.	U	Val Qual. U	Val Qual. U	Val Qual. U
Calcium	(Ca)	200.7	mg/L			
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	146		452	78	157	139
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.		Lab Qual.		Lab Qual.	Lab Qual.	Lab Qual.
Val Qual.	-	Val Qual.	-	Val Qual. -	Val Qual. -	Val Qual. -
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L			
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	142		173	67.3	164	147
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.		Lab Qual.		Lab Qual.	Lab Qual.	Lab Qual.
Val Qual.	-	Val Qual.	-	Val Qual. -	Val Qual. -	Val Qual. -
Carbon disulfide	(CS2)	624	ug/L			
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<10		ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual.	U	Val Qual.	U	Val Qual. U	Val Qual. U	Val Qual. U
Chloride	(Chloride)	9252	mg/L			
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	7		698	782	76	49
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual.		Lab Qual.		Lab Qual.	Lab Qual.	Lab Qual.
Val Qual.	-	Val Qual.	-	Val Qual. -	Val Qual. -	Val Qual. -
Chloroform	(Chlorofm)	624	ug/L			
	#1080 DN		#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<10		ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual.	U	Lab Qual.	U	Lab Qual. U	Lab Qual. U	Lab Qual. U
Val Qual.	U	Val Qual.	U	Val Qual. U	Val Qual. U	Val Qual. U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/17/93

Parameter	Code	Method	Units				
Chromium	(Cr)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.005	.0138	.0141	.0095	ND<.005
Det. Limit	0.0050	0.0100	0.0100	0.0100*	0.0050
Lab Qual.	U			B	U
Val Qual.	U	-	-	-	U
Cobalt	(Co)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	.0089	.0293	.0146	.0121	.0107
Det. Limit	0.0500*	0.0500*	0.0500*	0.0500*	0.0500*
Lab Qual.	B	B	B	B	B
Val Qual.	-	-	-	-	-
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	.0101	ND<.008	ND<.008	.01	.0092
Det. Limit	0.0500*	0.0080	0.0080	0.0500*	0.0500*
Lab Qual.	B	U	U	B	B
Val Qual.	-	U	U	-	-
Copper	(Cu)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.0078	ND<.0246	ND<.0221	ND<.0083	ND<.0132
Det. Limit	0.0078	0.0246	0.0221	0.0083	0.0132
Lab Qual.	B	B	B	B	B
Val Qual.	U	U	U	U	U
Copper, (Dissd.)	(Cu dis)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.0061	ND<.0064	ND<.003	ND<.003	ND<.004
Det. Limit	0.0061	0.0064	0.0030	0.0030	0.0040
Lab Qual.	B	B	U	U	B
Val Qual.	U	U	U	U	U
Fluoride	(Flrd)	340.2	ug/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	770	420	6760	530	780
Det. Limit	100.0000	100.0000	100.0000	100.0000	100.0000
Lab Qual.					
Val Qual.	-	-	-	-	-

05715

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/17/93

Parameter	Code	Method	Units				
Gross Alpha	(Alpha)	900.0	pCi/l				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<8.2	43.4	86.8	ND<10.3	147
Det. Limit	8.2000	2.0000	2.0000	10.3000	2.0000
Lab Qual.	U			U	
Val Qual.	NV	NV	NV	NV	NV
Gross Beta	(Beta)	900.0	pCi/l				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<7.5	95.3	65.7	22.1	139
Det. Limit	7.5000	4.0000	4.0000	4.0000	4.0000
Lab Qual.	U				
Val Qual.	NV	NV	NV	NV	NV
Iron	(Fe)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	.376	20	13.1	3.03	1.65
Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000
Lab Qual.	*	*	*	*	*
Val Qual.	J	J	J	J	J
Iron, (Dissd.)	(Fe dis)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.0397	1.3	2.47	ND<.0857	ND<.0408
Det. Limit	0.0397	0.1000	0.1000	0.0857	0.0408
Lab Qual.	B*	*	*	B*	B*
Val Qual.	UJ	J	J	UJ	UJ
Lead	(Pb)	239.2	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.001	ND<.0167	ND<.0178	ND<.0022	ND<.0014
Det. Limit	0.0010	0.0167	0.0178	0.0022	0.0014
Lab Qual.	U	S	S	B	B
Val Qual.	U	U	U	U	U
Lead, (Dissd.)	(Pb dis)	239.2	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.001	ND<.001	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010	0.0010	0.0010
Lab Qual.	U	UW	UW	U	U
Val Qual.	U	UJ	UJ	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/17/93

Parameter	Code	Method	Units				
Magnesium	(Mg)	200.7	mg/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	77.2	135	52.8	66	76.3
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.					
Val Qual.	-	-	-	-	-
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	74.9	45.8	48.5	70.9	83
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.					
Val Qual.	-	-	-	-	-
Manganese	(Mn)	200.7	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	.02	4.19	.575	.0675	.0379
Det. Limit	0.0150	0.0150	0.0150	0.0150	0.0150
Lab Qual.					
Val Qual.	-	-	-	-	-
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.0072	2.83	.403	.0194	ND<.0039
Det. Limit	0.0072	0.0150	0.0150	0.0150	0.0039
Lab Qual.	B				B
Val Qual.	U	-	-	-	U
Mercury	(Hg)	245.1	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U
Val Qual.	U	U	U	U	U
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.0002	ND<.0002	ND<.0002	ND<.0002	ND<.0002
Det. Limit	0.0002	0.0002	0.0002	0.0002	0.0002
Lab Qual.	U	U	U	U	U
Val Qual.	U	U	U	U	U

5217

Parameter	Code	Method	Units				
Methylene chloride	(MeCl)	624	ug/L				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.	U	U	U	U	U
Val Qual.	U	U	U	U	U
Nickel	(Ni)	200.7	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.02	.022	.0217	ND<.02	ND<.02
Det. Limit	0.0200	0.0400*	0.0400*	0.0200	0.0200
Lab Qual.	U	B	B	U	U
Val Qual.	U	-	-	U	U
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.02	ND<.02	ND<.02	ND<.02	ND<.02
Det. Limit	0.0200	0.0200	0.0200	0.0200	0.0200
Lab Qual.	U	U	U	U	U
Val Qual.	U	U	U	U	U
Nitrate/Nitrite	(NO3/NO2)	9200	ug/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	90	20	ND<20	ND<20	ND<20
Det. Limit	100.0000*	100.0000*	20.0000	20.0000	20.0000
Lab Qual.			U	U	U
Val Qual.	-	-	U	U	U
Phenols	(Phen)	9065	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.01	ND<.01	ND<.01	ND<.01	ND<.01
Det. Limit	0.0100	0.0100	0.0100	0.0100	0.0100
Lab Qual.	U		U	U	U
Val Qual.	U	U	U	U	U
Radium-226	(Ra-226)	903.1	pCi/l		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	.7	2.9	16.1	1.1	ND<.6
Det. Limit	1.0000*	1.0000	1.0000	1.0000	0.6000
Lab Qual.					U
Val Qual.	J	J	J	-	UJ

1993 RCRA Annual Report Sampling Results
Sample Date of 04/17/93

Parameter	Code	Method	Units				
Radium-228	(Ra-228)	904.0	pCi/l				
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	2.2	3.6	4	ND<2.3	ND<2
Det. Limit	3.0000*	3.0000	3.0000	2.3000	2.0000
Lab Qual.				U	U
Val Qual.	-	-	J	U	U
Selenium	(Se)	270.2	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.0032	ND<.0023	ND<.0014	ND<.001	ND<.001
Det. Limit	0.0032	0.0023	0.0014	0.0010	0.0010
Lab Qual.	BWN	BWN	BWN	UWN	UWN
Val Qual.	UJ	UJ	UJ	UJ	UJ
Selenium, (Dissd.)	(Se dis)	270.2	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.001	.0012	.0022	ND<.0011	ND<.001
Det. Limit	0.0010	0.0050*	0.0050*	0.0011	0.0010
Lab Qual.	UN	BWN	BWN	BWN	UWN
Val Qual.	UJ	J	J	UJ	UJ
Silver	(Ag)	200.7	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007
Det. Limit	0.0070	0.0070	0.0070	0.0070	0.0070
Lab Qual.	U	U	U	U	U
Val Qual.	U	U	U	U	U
Silver, (Dissd.)	(Ag dis)	200.7	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	ND<.007	ND<.007	ND<.007	ND<.007	ND<.007
Det. Limit	0.0070	0.0070	0.0070	0.0070	0.0070
Lab Qual.	U	U	U	U	U
Val Qual.	U	U	U	U	U
Sodium	(Na)	200.7	mg/L		
	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
	31.4	283	404	16.4	16.8
Det. Limit	5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.					
Val Qual.	-	-	-	-	-

0579

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/17/93

Parameter	Code	Method	Units	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
Sodium, (Dissd.)	(Na dis)	200.7	mg/L	30.6	255	418	17.8	18.7
Det. Limit				5.0000	5.0000	5.0000	5.0000	5.0000
Lab Qual.								
Val Qual.				-	-	-	-	-
Specific Conductivity	(Cond)	9050	umhos/cm	1100	2660	2820	1170	1170
Det. Limit				None	None	None	None	None
Lab Qual.								
Val Qual.				-	-	-	-	-
Sulfate	(SO4)	9038	mg/L	218	42	13	296	273
Det. Limit				1.0000	1.0000	1.0000	1.0000	1.0000
Lab Qual.								
Val Qual.				J	J	J	J	J
Tetrachloroethene	(TetCEthy)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U
Val Qual.				U	U	U	U	U
Toluene	(Toluen)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U
Val Qual.				U	U	U	U	U
Trichloroethene	(TCE)	624	ug/L	ND<10	ND<10	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000	10.0000	10.0000
Lab Qual.				U	U	U	U	U
Val Qual.				U	U	U	U	U

1993 RCRA Annual Report Sampling Results
Sample Date of 04/17/93

Parameter	Code	Method	Units	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
Uranium, Total	(U-Total)	908.1	ug/L					
				5.9	12.1	72.9	35.6	408
			Det. Limit	0.1000	0.1000	0.1000	0.1000	0.1000
			Lab Qual.					
			Val Qual.	J	J	J	J	-
Vanadium	(Va)	200.7	mg/L					
				ND<.003	.0176	.0088	ND<.003	ND<.003
			Det. Limit	0.0030	0.0500*	0.0500*	0.0030	0.0030
			Lab Qual.	U	B	B	U	U
			Val Qual.	U	-	-	U	U
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L					
				ND<.003	ND<.003	ND<.003	ND<.003	ND<.003
			Det. Limit	0.0030	0.0030	0.0030	0.0030	0.0030
			Lab Qual.	U	U	U	U	U
			Val Qual.	U	U	U	U	U
Vinyl chloride	(VC)	624	ug/L					
				ND<10	ND<10	ND<10	ND<10	ND<10
			Det. Limit	10.0000	10.0000	10.0000	10.0000	10.0000
			Lab Qual.	U	U	U	U	U
			Val Qual.	U	U	U	U	U
Zinc	(Zn)	200.7	mg/L					
				ND<.0138	ND<.0717	ND<.136	ND<.0172	ND<.0293
			Det. Limit	0.0138	0.0717	0.1360	0.0172	0.0293
			Lab Qual.	B			B	
			Val Qual.	U	U	U	U	U
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L					
				ND<.0085	ND<.0147	ND<.0133	ND<.0094	ND<.0111
			Det. Limit	0.0085	0.0147	0.0133	0.0094	0.0111
			Lab Qual.	B	B	B	B	B
			Val Qual.	U	U	U	U	U

0581

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/17/93

Parameter	Code	Method	Units	#1080 DN	#1332 DN	#1644 DN	#1645 DN	#1646 DN
pH	(pH F)	9040	SU	7.44	7.05	7.15	7.24	7.33
Det. Limit				None	None	None	None	None
Lab Qual.								
Val Qual.				-	-	-	-	-

5217

0582

02/18/94

Parameter	Code	Method	Units
Water elevation	(None)		Feet
#4013 DN			
516.54			
Det. Limit None			
Lab Qual.			
Val Qual.			
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L
#4013 DN	#4013 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
1,1-Dichloroethane	(1,1DCE)	624	ug/L
#4013 DN	#4013 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L
#4013 DN	#4013 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
1,2-Dichloroethane	(1,2DCE)	624	ug/L
#4013 DN	#4013 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L
#4013 DN	#4013 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

1993 RCRA Annual Report Sampling Results
Sample Date of 04/20/93

Parameter	Code	Method	Units
Acetone	(Acetone)	624	ug/L

#4013 DN	#4013 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. UJ	Val Qual. UJ

Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

#4013 DN	#4013 DN Dup.
500000	492000
Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Aluminum	(Al)	200.7	mg/L

#4013 DN	#4013 DN Dup.
ND<.02	ND<.02
Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual. U*	Lab Qual. U*
Val Qual. UJ	Val Qual. UJ

Aluminum, (Dissd.)	(Al dis)	200.7	mg/L

#4013 DN	#4013 DN Dup.
ND<.02	ND<.02
Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual. U*	Lab Qual. U*
Val Qual. UJ	Val Qual. UJ

Arsenic	(As)	206.2	mg/L

#4013 DN	#4013 DN Dup.
ND<.002	ND<.002
Det. Limit 0.0020	Det. Limit 0.0020
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Arsenic, (Dissd.)	(As dis)	206.2	mg/L

#4013 DN	#4013 DN Dup.
ND<.002	ND<.002
Det. Limit 0.0020	Det. Limit 0.0020
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Parameter	Code	Method	Units
Barium	(Ba)	200.7	mg/L

#4013 DN	#4013 DN Dup.
.112	.108
Det. Limit 0.2000*	Det. Limit 0.2000*
Lab Qual. B	Lab Qual. B
Val Qual. -	Val Qual. -

Barium, (Dissd.)	(Ba dis)	200.7	mg/L

#4013 DN	#4013 DN Dup.
.101	.101
Det. Limit 0.2000*	Det. Limit 0.2000*
Lab Qual. B	Lab Qual. B
Val Qual. -	Val Qual. -

Benzene	(Benzene)	624	ug/L

#4013 DN	#4013 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Beryllium	(Be)	200.7	mg/L

#4013 DN	#4013 DN Dup.
ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Beryllium, (Dissd.)	(Be dis)	200.7	mg/L

#4013 DN	#4013 DN Dup.
ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Cadmium	(Cd)	200.7	mg/L

#4013 DN	#4013 DN Dup.
.0034	ND<.003
Det. Limit 0.0050*	Det. Limit 0.0030
Lab Qual. B	Lab Qual. U
Val Qual. -	Val Qual. U

0585

5217

Parameter	Code	Method	Units
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L

#4013 DN	#4013 DN Dup.
ND<.003	ND<.003
Det. Limit 0.0030	Det. Limit 0.0030
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Calcium	(Ca)	200.7	mg/L

#4013 DN	#4013 DN Dup.
248	241
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Calcium, (Dissd.)	(Ca dis)	200.7	mg/L

#4013 DN	#4013 DN Dup.
226	227
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Carbon disulfide	(CS2)	624	ug/L

#4013 DN	#4013 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Chloride	(Chloride)	9252	mg/L

#4013 DN	#4013 DN Dup.
218	203
Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Chloroform	(Chlorofm)	624	ug/L

#4013 DN	#4013 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

5217

Parameter	Code	Method	Units
Chromium	(Cr)	200.7	mg/L

	#4013 DN	#4013 DN Dup.
	ND<.005	ND<.005
Det. Limit	0.0050	0.0050
Lab Qual.	U	U
Val Qual.	U	U

Cobalt	(Co)	200.7	mg/L

	#4013 DN	#4013 DN Dup.
	.0129	.01
Det. Limit	0.0500*	0.0500*
Lab Qual.	B	B
Val Qual.	-	-

Cobalt, (Dissd.)	(Co dis)	200.7	mg/L

	#4013 DN	#4013 DN Dup.
	.0089	.0137
Det. Limit	0.0500*	0.0500*
Lab Qual.	B	B
Val Qual.	-	-

Copper	(Cu)	200.7	mg/L

	#4013 DN	#4013 DN Dup.
	ND<.0053	ND<.003
Det. Limit	0.0053	0.0030
Lab Qual.	B	U
Val Qual.	U	U

Copper, (Dissd.)	(Cu dis)	200.7	mg/L

	#4013 DN	#4013 DN Dup.
	ND<.003	ND<.0042
Det. Limit	0.0030	0.0042
Lab Qual.	U	B
Val Qual.	U	U

Fluoride	(Flrd)	340.2	ug/L

	#4013 DN	#4013 DN Dup.
	440	450
Det. Limit	100.0000	100.0000
Lab Qual.		
Val Qual.	-	-

0587

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/20/93

Parameter	Code	Method	Units
Gross Alpha	(Alpha)	UNKNOWN	pCi/l

#4013 DN	#4013 DN Dup.
12.7	ND<8
Det. Limit 2.0000	Det. Limit 8.0000
Lab Qual.	Lab Qual. U
Val Qual. NV	Val Qual. NV

Gross Beta	(Beta)	900.0	pCi/l

#4013 DN	#4013 DN Dup.
ND<11.1	ND<8.7
Det. Limit 11.1000	Det. Limit 8.7000
Lab Qual. U	Lab Qual. U
Val Qual. NV	Val Qual. NV

Iron	(Fe)	200.7	mg/L

#4013 DN	#4013 DN Dup.
9.69	9.57
Det. Limit 0.1000	Det. Limit 0.1000
Lab Qual. *	Lab Qual. *
Val Qual. J	Val Qual. J

Iron, (Dissd.)	(Fe dis)	200.7	mg/L

#4013 DN	#4013 DN Dup.
8.81	8.79
Det. Limit 0.1000	Det. Limit 0.1000
Lab Qual. *	Lab Qual. *
Val Qual. J	Val Qual. J

Lead	(Pb)	239.2	mg/L

#4013 DN	#4013 DN Dup.
ND<.001	ND<.001
Det. Limit 0.0010	Det. Limit 0.0010
Lab Qual. UW	Lab Qual. UW
Val Qual. UJ	Val Qual. UJ

Lead, (Dissd.)	(Pb dis)	239.2	mg/L

#4013 DN	#4013 DN Dup.
ND<.0018	ND<.001
Det. Limit 0.0018	Det. Limit 0.0010
Lab Qual. BW	Lab Qual. UW
Val Qual. UJ	Val Qual. UJ

Parameter	Code	Method	Units
Magnesium	(Mg)	200.7	mg/L

#4013 DN	#4013 DN Dup.
88.9	87
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L

#4013 DN	#4013 DN Dup.
81.5	80.9
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Manganese	(Mn)	200.7	mg/L

#4013 DN	#4013 DN Dup.
.109	.107
Det. Limit 0.0150	Det. Limit 0.0150
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Manganese, (Dissd.)	(Mn dis)	200.7	mg/L

#4013 DN	#4013 DN Dup.
.0995	.0998
Det. Limit 0.0150	Det. Limit 0.0150
Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -

Mercury	(Hg)	245.1	mg/L

#4013 DN	#4013 DN Dup.
ND<.0002	ND<.0002
Det. Limit 0.0002	Det. Limit 0.0002
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Mercury, (Dissd.)	(Hg dis)	245.1	mg/L

#4013 DN	#4013 DN Dup.
ND<.0002	ND<.0002
Det. Limit 0.0002	Det. Limit 0.0002
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

0583

5217

0590

5212

1993 RCRA Annual Report Sampling Results
Sample Date of 04/20/93

Parameter	Code	Method	Units
Methylene chloride	(MeCl)	624	ug/L

#4013 DN	#4013 DN Dup.
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Nickel	(Ni)	200.7	mg/L

#4013 DN	#4013 DN Dup.
ND<.02	ND<.02
Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Nickel, (Dissd.)	(Ni dis)	200.7	mg/L

#4013 DN	#4013 DN Dup.
ND<.02	ND<.02
Det. Limit 0.0200	Det. Limit 0.0200
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Nitrate/Nitrite	(NO3/NO2)	9200	ug/L

#4013 DN	#4013 DN Dup.
ND<20	ND<20
Det. Limit 20.0000	Det. Limit 20.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Phenols	(Phen)	9065	mg/L

#4013 DN	#4013 DN Dup.
ND<.01	ND<.01
Det. Limit 0.0100	Det. Limit 0.0100
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Radium-226	(Ra-226)	903.1	pCi/l

#4013 DN	#4013 DN Dup.
ND<.5	ND<.4
Det. Limit 0.5000	Det. Limit 0.4000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Parameter	Code	Method	Units
Radium-228	(Ra-228)	904.0	pCi/l
#4013 DN	#4013 DN Dup.		
ND<3.4	ND<3.2		
Det. Limit 3.4000	Det. Limit 3.2000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Selenium	(Se)	270.2	mg/L
#4013 DN	#4013 DN Dup.		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. UWN	Lab Qual. UWN		
Val Qual. UJ	Val Qual. UJ		
Selenium, (Dissd.)	(Se dis)	270.2	mg/L
#4013 DN	#4013 DN Dup.		
ND<.0012	ND<.001		
Det. Limit 0.0012	Det. Limit 0.0010		
Lab Qual. BWN	Lab Qual. UWN		
Val Qual. UJ	Val Qual. UJ		
Silver	(Ag)	200.7	mg/L
#4013 DN	#4013 DN Dup.		
ND<.007	ND<.007		
Det. Limit 0.0070	Det. Limit 0.0070		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Silver, (Dissd.)	(Ag dis)	200.7	mg/L
#4013 DN	#4013 DN Dup.		
ND<.007	ND<.007		
Det. Limit 0.0070	Det. Limit 0.0070		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Sodium	(Na)	200.7	mg/L
#4013 DN	#4013 DN Dup.		
84.2	82.7		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		

1993 RCRA Annual Report Sampling Results
Sample Date of 04/20/93

Parameter	Code	Method	Units
Sodium, (Dissd.)	(Na dis)	200.7	mg/L
#4013 DN	#4013 DN Dup.		
77.8	76.3		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Specific Conductivity	(Cond)	9050	umhos/cm
#4013 DN	#4013 DN Dup.		
1940	1980		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Sulfate	(SO4)	9038	mg/L
#4013 DN	#4013 DN Dup.		
483	445		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual.	Lab Qual.		
Val Qual. J	Val Qual. J		
Tetrachloroethene	(TetCEthy)	624	ug/L
#4013 DN	#4013 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Toluene	(Toluen)	624	ug/L
#4013 DN	#4013 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Trichloroethene	(TCE)	624	ug/L
#4013 DN	#4013 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

Parameter	Code	Method	Units
Uranium, Total	(U-Total)	908.1	ug/L
#4013 DN	#4013 DN Dup.		
1.5	1.6		
Det. Limit 0.1000	Det. Limit 0.1000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Vanadium	(Va)	200.7	mg/L
#4013 DN	#4013 DN Dup.		
ND<.003	ND<.003		
Det. Limit 0.0030	Det. Limit 0.0030		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L
#4013 DN	#4013 DN Dup.		
ND<.003	ND<.003		
Det. Limit 0.0030	Det. Limit 0.0030		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Vinyl chloride	(VC)	624	ug/L
#4013 DN	#4013 DN Dup.		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Zinc	(Zn)	200.7	mg/L
#4013 DN	#4013 DN Dup.		
ND<.0102	ND<.0091		
Det. Limit 0.0102	Det. Limit 0.0091		
Lab Qual. B	Lab Qual. B		
Val Qual. U	Val Qual. U		
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L
#4013 DN	#4013 DN Dup.		
ND<.0156	ND<.0147		
Det. Limit 0.0156	Det. Limit 0.0147		
Lab Qual. B	Lab Qual. B		
Val Qual. U	Val Qual. U		

0563

5217

0594

5212

1993 RCRA Annual Report Sampling Results
Sample Date of 04/20/93

Parameter	Code	Method	Units
pH	(pH F)	9040	SU

	#4013 DN	#4013 DN Dup.
	7.49	7.3
Det. Limit	None	None
Lab Qual.		
Val Qual.	-	-

Parameter	Code	Method	Units
Water elevation	(None)		Feet
#1085 DN	#1276 DN		
588.16	587.3		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual.	Val Qual.		
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
1,1-Dichloroethane	(1,1DCE)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
1,2-Dichloroethane	(1,2DCE)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

0535

5217

Parameter	Code	Method	Units
Acetone	(Acetone)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<13		
Det. Limit 10.0000	Det. Limit 13.0000		
Lab Qual. U	Lab Qual. B		
Val Qual. UJ	Val Qual. UJ		
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L
#1085 DN	#1276 DN		
390000	420000		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Aluminum	(Al)	200.7	mg/L
#1085 DN	#1276 DN		
1.59	1.77		
Det. Limit 0.2000	Det. Limit 0.2000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L
#1085 DN	#1276 DN		
.0453	.0391		
Det. Limit 0.2000*	Det. Limit 0.2000*		
Lab Qual. B	Lab Qual. B		
Val Qual. -	Val Qual. -		
Arsenic	(As)	206.2	mg/L
#1085 DN	#1276 DN		
.0039	.0038		
Det. Limit 0.0100*	Det. Limit 0.0100*		
Lab Qual. BW	Lab Qual. BW		
Val Qual. J	Val Qual. J		
Arsenic, (Dissd.)	(As dis)	206.2	mg/L
#1085 DN	#1276 DN		
ND<.002	ND<.002		
Det. Limit 0.0020	Det. Limit 0.0020		
Lab Qual. UN	Lab Qual. UN		
Val Qual. U	Val Qual. U		

Parameter	Code	Method	Units
Barium	(Ba)	200.7	mg/L

#1085 DN	#1276 DN
.0526	.0595
Det. Limit 0.2000*	Det. Limit 0.2000*
Lab Qual. B	Lab Qual. B
Val Qual. -	Val Qual. -

Barium, (Dissd.)	(Ba dis)	200.7	mg/L

#1085 DN	#1276 DN
.0436	.0524
Det. Limit 0.2000*	Det. Limit 0.2000*
Lab Qual. B	Lab Qual. B
Val Qual. -	Val Qual. -

Benzene	(Benzene)	624	ug/L

#1085 DN	#1276 DN
ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Beryllium	(Be)	200.7	mg/L

#1085 DN	#1276 DN
.0011	ND<.001
Det. Limit 0.0050*	Det. Limit 0.0010
Lab Qual. B	Lab Qual. U
Val Qual. -	Val Qual. U

Beryllium, (Dissd.)	(Be dis)	200.7	mg/L

#1085 DN	#1276 DN
.0012	ND<.001
Det. Limit 0.0050*	Det. Limit 0.0010
Lab Qual. B	Lab Qual. U
Val Qual. -	Val Qual. U

Cadmium	(Cd)	200.7	mg/L

#1085 DN	#1276 DN
ND<.002	ND<.002
Det. Limit 0.0020	Det. Limit 0.0020
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Parameter	Code	Method	Units
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L
#1085 DN	#1276 DN		
ND<.002	ND<.002		
Det. Limit 0.0020	Det. Limit 0.0020		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Calcium	(Ca)	200.7	mg/L
#1085 DN	#1276 DN		
116	120		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L
#1085 DN	#1276 DN		
121	129		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Carbon disulfide	(CS2)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Chloride	(Chloride)	9252	mg/L
#1085 DN	#1276 DN		
11	16		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Chloroform	(Chlorofm)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

5217

Parameter	Code	Method	Units
Chromium	(Cr)	200.7	mg/L
#1085 DN	#1276 DN		
ND<.004	ND<.004		
Det. Limit 0.0040	Det. Limit 0.0040		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Cobalt	(Co)	200.7	mg/L
#1085 DN	#1276 DN		
ND<.005	ND<.005		
Det. Limit 0.0050	Det. Limit 0.0050		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L
#1085 DN	#1276 DN		
ND<.008	ND<.008		
Det. Limit 0.0080	Det. Limit 0.0080		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Copper	(Cu)	200.7	mg/L
#1085 DN	#1276 DN		
.0154	.0042		
Det. Limit 0.0250*	Det. Limit 0.0250*		
Lab Qual. B	Lab Qual. B		
Val Qual. -	Val Qual. -		
Copper, (Dissd.)	(Cu dis)	200.7	mg/L
#1085 DN	#1276 DN		
.014	.0066		
Det. Limit 0.0250*	Det. Limit 0.0250*		
Lab Qual. B	Lab Qual. B		
Val Qual. -	Val Qual. -		
Fluoride	(Flrd)	340.2	ug/L
#1085 DN	#1276 DN		
940	1100		
Det. Limit 100.0000	Det. Limit 100.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		

0600

1993 RCRA Annual Report Sampling Results
Sample Date of 04/21/93

Parameter	Code	Method	Units
Gross Alpha	(Alpha)	UNKNOWN	pCi/l
#1085 DN	#1276 DN		
2310	134		
Det. Limit 2.0000	Det. Limit 2.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Gross Beta	(Beta)	900.0	pCi/l
#1085 DN	#1276 DN		
1520	173		
Det. Limit 4.0000	Det. Limit 4.0000		
Lab Qual.	Lab Qual.		
Val Qual. NV	Val Qual. NV		
Iron	(Fe)	200.7	mg/L
#1085 DN	#1276 DN		
4.08	2.85		
Det. Limit 0.1000	Det. Limit 0.1000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Iron, (Dissd.)	(Fe dis)	200.7	mg/L
#1085 DN	#1276 DN		
.0258	.0532		
Det. Limit 0.1000*	Det. Limit 0.1000*		
Lab Qual. B	Lab Qual. B		
Val Qual. -	Val Qual. -		
Lead	(Pb)	239.2	mg/L
#1085 DN	#1276 DN		
.0033	ND<.002		
Det. Limit 0.0030	Det. Limit 0.0020		
Lab Qual.	Lab Qual. U		
Val Qual. -	Val Qual. U		
Lead, (Dissd.)	(Pb dis)	239.2	mg/L
#1085 DN	#1276 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

Parameter	Code	Method	Units
Magnesium	(Mg)	200.7	mg/L
#1085 DN	#1276 DN		
52.8	49		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L
#1085 DN	#1276 DN		
55.2	52.8		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Manganese	(Mn)	200.7	mg/L
#1085 DN	#1276 DN		
.17	.208		
Det. Limit 0.0150	Det. Limit 0.0150		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L
#1085 DN	#1276 DN		
.0213	.114		
Det. Limit 0.0150	Det. Limit 0.0150		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Mercury	(Hg)	245.1	mg/L
#1085 DN	#1276 DN		
ND<.0002	ND<.0002		
Det. Limit 0.0002	Det. Limit 0.0002		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L
#1085 DN	#1276 DN		
ND<.0002	ND<.0002		
Det. Limit 0.0002	Det. Limit 0.0002		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

5217

Parameter	Code	Method	Units
Methylene chloride	(MeCl)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Nickel	(Ni)	200.7	mg/L
#1085 DN	#1276 DN		
ND<.011	ND<.011		
Det. Limit 0.0110	Det. Limit 0.0110		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L
#1085 DN	#1276 DN		
ND<.031	ND<.031		
Det. Limit 0.0310	Det. Limit 0.0310		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Nitrate/Nitrite	(NO3/NO2)	353.2	ug/L
#1085 DN	#1276 DN		
ND<260	ND<51		
Det. Limit 260.0000	Det. Limit 51.0000		
Lab Qual.	Lab Qual. U		
Val Qual. U	Val Qual. U		
Phenols	(Phen)	420.1	mg/L
#1085 DN	#1276 DN		
ND<.15	ND<.15		
Det. Limit 0.1500	Det. Limit 0.1500		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Radium-226	(Ra-226)	903.1	pCi/l
#1085 DN	#1276 DN		
.5	3.6		
Det. Limit 1.0000*	Det. Limit 1.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. J		

1993 RCRA Annual Report Sampling Results
Sample Date of 04/21/93

Parameter	Code	Method	Units
Radium-228	(Ra-228)	904.0	pCi/l
#1085 DN	#1276 DN		
ND<2.2	3.5		
Det. Limit 2.2000	Det. Limit 3.0000		
Lab Qual. U	Lab Qual.		
Val Qual. U	Val Qual. -		
Selenium	(Se)	270.2	mg/L
#1085 DN	#1276 DN		
ND<.002	ND<.002		
Det. Limit 0.0020	Det. Limit 0.0020		
Lab Qual. UWN	Lab Qual. UWN		
Val Qual. UJ	Val Qual. UJ		
Selenium, (Dissd.)	(Se dis)	270.2	mg/L
#1085 DN	#1276 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. UWN	Lab Qual. UWN		
Val Qual. UJ	Val Qual. UJ		
Silver	(Ag)	200.7	mg/L
#1085 DN	#1276 DN		
.0063	ND<.004		
Det. Limit 0.0100*	Det. Limit 0.0040		
Lab Qual. B	Lab Qual. U		
Val Qual. -	Val Qual. U		
Silver, (Dissd.)	(Ag dis)	200.7	mg/L
#1085 DN	#1276 DN		
.0079	ND<.003		
Det. Limit 0.0100*	Det. Limit 0.0030		
Lab Qual. B	Lab Qual. U		
Val Qual. -	Val Qual. U		
Sodium	(Na)	200.7	mg/L
#1085 DN	#1276 DN		
38.5	12		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		

0603

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/21/93

Parameter	Code	Method	Units
Sodium, (Dissd.)	(Na dis)	200.7	mg/L
#1085 DN	#1276 DN		
39.9	10.6		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Specific Conductivity	(Cond)	120.1	umhos/cm
#1085 DN	#1276 DN		
870	820		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Sulfate	(SO4)	9038	mg/L
#1085 DN	#1276 DN		
160	130		
Det. Limit 1.0000	Det. Limit 1.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Tetrachloroethene	(TetCEthy)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Toluene	(Toluen)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Trichloroethene	(TCE)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

Parameter	Code	Method	Units
Uranium, Total	(U-Total)	908.1	ug/L
#1085 DN	#1276 DN		
5150	13.8		
Det. Limit 0.1000	Det. Limit 0.1000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. J		
Vanadium	(Va)	200.7	mg/L
#1085 DN	#1276 DN		
ND<.004	ND<.004		
Det. Limit 0.0040	Det. Limit 0.0040		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L
#1085 DN	#1276 DN		
ND<.007	ND<.007		
Det. Limit 0.0070	Det. Limit 0.0070		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Vinyl chloride	(VC)	624	ug/L
#1085 DN	#1276 DN		
ND<10	ND<10		
Det. Limit 10.0000	Det. Limit 10.0000		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Zinc	(Zn)	200.7	mg/L
#1085 DN	#1276 DN		
ND<.0378	ND<.0388		
Det. Limit 0.0378	Det. Limit 0.0388		
Lab Qual.	Lab Qual.		
Val Qual. U	Val Qual. U		
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L
#1085 DN	#1276 DN		
.0033	.0082		
Det. Limit 0.0200*	Det. Limit 0.0200*		
Lab Qual. B	Lab Qual. B		
Val Qual. -	Val Qual. -		

0005

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/21/93

Parameter	Code	Method	Units
pH	(pH F)	150.1	SU

	#1085 DN		#1276 DN
	7.8		7.6
Det. Limit	None	Det. Limit	None
Lab Qual.		Lab Qual.	
Val Qual.	-	Val Qual.	-

Parameter	Code	Method	Units
Water elevation	(None)		Feet
#1042 DN	#3037 DN		
573.48	521.79		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual.	Val Qual.		
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethane	(1,1DCE)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,2-Dichloroethane	(1,2DCE)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

0001

5217

Parameter	Code	Method	Units
Acetone	(Acetone)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. JB			
Val Qual. UJ			
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L
#1042 DN	#3037 DN		
450000	430000		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Aluminum	(Al)	200.7	mg/L
#1042 DN	#3037 DN		
ND<.0454	ND<.024		
Det. Limit 0.0454	Det. Limit 0.0240		
Lab Qual. B	Lab Qual. U		
Val Qual. U	Val Qual. U		
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L
#3037 DN			
ND<.036			
Det. Limit 0.0360			
Lab Qual. U			
Val Qual. U			
Arsenic	(As)	206.2	mg/L
#1042 DN	#3037 DN		
ND<.002	.007		
Det. Limit 0.0020	Det. Limit 0.0100*		
Lab Qual. U	Lab Qual. B		
Val Qual. U	Val Qual. -		
Arsenic, (Dissd.)	(As dis)	206.2	mg/L
#3037 DN			
.0036			
Det. Limit 0.0100*			
Lab Qual. BWN			
Val Qual. J			

Parameter	Code	Method	Units
Barium	(Ba)	200.7	mg/L
#1042 DN	#3037 DN		
.0829	.034		
Det. Limit 0.2000*	Det. Limit 0.2000*		
Lab Qual. B	Lab Qual. B		
Val Qual. -	Val Qual. -		
Barium, (Dissd.)	(Ba dis)	200.7	mg/L
#3037 DN			
.0359			
Det. Limit 0.2000*			
Lab Qual. B			
Val Qual. -			
Benzene	(Benzene)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Beryllium	(Be)	200.7	mg/L
#1042 DN	#3037 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L
#3037 DN			
.0012			
Det. Limit 0.0050*			
Lab Qual. B			
Val Qual. -			
Cadmium	(Cd)	200.7	mg/L
#1042 DN	#3037 DN		
ND<.002	ND<.002		
Det. Limit 0.0020	Det. Limit 0.0020		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

5217

Parameter	Code	Method	Units
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L
#3037 DN			
ND<.002			
Det. Limit 0.0020			
Lab Qual. U			
Val Qual. U			
Calcium	(Ca)	200.7	mg/L
#1042 DN	#3037 DN		
149	308		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L
#3037 DN			
332			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Carbon disulfide	(CS2)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Chloride	(Chloride)	9252	mg/L
#3037 DN			
200			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Chloroform	(Chlorofm)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Chromium	(Cr)	200.7	mg/L

	#1042 DN	#3037 DN
	.0054	ND<.004
Det. Limit	0.0100*	0.0040
Lab Qual.	B	U
Val Qual.	-	U

Parameter	Code	Method	Units
Cobalt	(Co)	200.7	mg/L

	#1042 DN	#3037 DN
	ND<.005	ND<.005
Det. Limit	0.0050	0.0050
Lab Qual.	U	U
Val Qual.	U	U

Parameter	Code	Method	Units
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L

	#3037 DN
	ND<.008
Det. Limit	0.0080
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
Copper	(Cu)	200.7	mg/L

	#1042 DN	#3037 DN
	ND<.003	ND<.003
Det. Limit	0.0030	0.0030
Lab Qual.	U	U
Val Qual.	U	U

Parameter	Code	Method	Units
Copper, (Dissd.)	(Cu dis)	200.7	mg/L

	#3037 DN
	ND<.004
Det. Limit	0.0040
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
Fluoride	(Flrd)	340.2	ug/L

	#3037 DN
	ND<150
Det. Limit	150.0000
Lab Qual.	U
Val Qual.	U

5217

Parameter	Code	Method	Units
Gross Alpha	(Alpha)	UNKNOWN	pCi/l
#3037 DN			
8.8			
Det. Limit 2.0000			
Lab Qual.			
Val Qual. NV			
Gross Beta	(Beta)	900.0	pCi/l
#3037 DN			
25.4			
Det. Limit 4.0000			
Lab Qual.			
Val Qual. NV			
Iron	(Fe)	200.7	mg/L
#1042 DN	#3037 DN		
.608	13.9		
Det. Limit 0.1000	Det. Limit 0.1000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Iron, (Dissd.)	(Fe dis)	200.7	mg/L
#3037 DN			
14.7			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. -			
Lead	(Pb)	239.2	mg/L
#1042 DN	#3037 DN		
ND<.002	ND<.002		
Det. Limit 0.0020	Det. Limit 0.0020		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Lead, (Dissd.)	(Pb dis)	239.2	mg/L
#3037 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. UW			
Val Qual. UJ			

Parameter	Code	Method	Units
Magnesium	(Mg)	200.7	mg/L
#1042 DN	#3037 DN		
61.4	62.1		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L
#3037 DN			
63.3			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Manganese	(Mn)	200.7	mg/L
#1042 DN	#3037 DN		
.112	.658		
Det. Limit 0.0150	Det. Limit 0.0150		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L
#3037 DN			
.708			
Det. Limit 0.0150			
Lab Qual.			
Val Qual. -			
Mercury	(Hg)	245.1	mg/L
#1042 DN	#3037 DN		
ND<.0002	ND<.0002		
Det. Limit 0.0002	Det. Limit 0.0002		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L
#3037 DN			
ND<.0002			
Det. Limit 0.0002			
Lab Qual. U			
Val Qual. U			

0013

5217

Parameter	Code	Method	Units
Methylene chloride	(MeCl)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Nickel	(Ni)	200.7	mg/L
#1042 DN	#3037 DN		
ND<.011	ND<.011		
Det. Limit 0.0110	Det. Limit 0.0110		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L
#3037 DN			
ND<.031			
Det. Limit 0.0310			
Lab Qual. U			
Val Qual. U			
Nitrate/Nitrite	(NO3/NO2)	353.2	ug/L
#3037 DN			
ND<50			
Det. Limit 50.0000			
Lab Qual. U			
Val Qual. U			
Phenols	(Phen)	420.1	mg/L
#3037 DN			
ND<.15			
Det. Limit 0.1500			
Lab Qual. U			
Val Qual. U			
Radium-226	(Ra-226)	903.1	pCi/l
#3037 DN			
.6			
Det. Limit 1.0000*			
Lab Qual.			
Val Qual. J			

Parameter	Code	Method	Units
Radium-228	(Ra-228)	904.0	pCi/l
#3037 DN			
ND<1.8			
Det. Limit 1.8000			
Lab Qual. U			
Val Qual. U			
Selenium	(Se)	270.2	mg/L
#1042 DN	#3037 DN		
ND<.002	ND<.01		
Det. Limit 0.0020	Det. Limit 0.0100		
Lab Qual. UWN	Lab Qual. UWN		
Val Qual. UJ	Val Qual. UJ		
Selenium, (Dissd.)	(Se dis)	270.2	mg/L
#3037 DN			
.0016			
Det. Limit 0.0050*			
Lab Qual. BWN			
Val Qual. J			
Silver	(Ag)	200.7	mg/L
#1042 DN	#3037 DN		
ND<.004	ND<.004		
Det. Limit 0.0040	Det. Limit 0.0040		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Silver, (Dissd.)	(Ag dis)	200.7	mg/L
#3037 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. U			
Sodium	(Na)	200.7	mg/L
#1042 DN	#3037 DN		
21.2	61.5		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		

5217

Parameter	Code	Method	Units
Sodium, (Dissd.)	(Na dis)	200.7	mg/L
#3037 DN			
61.2			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Specific Conductivity	(Cond)	120.1	umhos/cm
#1042 DN	#3037 DN		
1100	2000		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Sulfate	(SO4)	9038	mg/L
#3037 DN			
460			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Tetrachloroethene	(TetCEthy)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Toluene	(Toluen)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Trichloroethene	(TCE)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Uranium, Total	(U-Total)	908.1	ug/L
#3037 DN			
2.3			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. -			
Vanadium	(Va)	200.7	mg/L
#1042 DN	#3037 DN		
ND<.004	ND<.004		
Det. Limit 0.0040	Det. Limit 0.0040		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L
#3037 DN			
ND<.007			
Det. Limit 0.0070			
Lab Qual. U			
Val Qual. U			
Vinyl chloride	(VC)	624	ug/L
#3037 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Zinc	(Zn)	200.7	mg/L
#1042 DN	#3037 DN		
ND<.011	ND<.013		
Det. Limit 0.0110	Det. Limit 0.0130		
Lab Qual. B	Lab Qual. B		
Val Qual. U	Val Qual. U		
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L
#3037 DN			
.0023			
Det. Limit 0.0200*			
Lab Qual. B			
Val Qual. -			

Parameter	Code	Method	Units
pH	(pH F)	150.1	SU

	#1042 DN	#3037 DN
	7.9	7.2
Det. Limit	None	None
Lab Qual.		
Val Qual.	-	-

Parameter	Code	Method	Units
1,1,1-Trichloroethane	(1,1,1Tri)	UNKNOWN	ug/L

	#1042 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
1,1-Dichloroethane	(1,1DCE)	UNKNOWN	ug/L

	#1042 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
1,1-Dichloroethene	(1,1-DCEE)	UNKNOWN	ug/L

	#1042 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
1,2-Dichloroethane	(1,2DCE)	UNKNOWN	ug/L

	#1042 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
1,2-Dichloroethene (Total)	(1,2-DCEy)		ug/L

	#1042 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
Acetone	(Acetone)	UNKNOWN	ug/L
#1042 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. BJ			
Val Qual. U			
Benzene	(Benzene)	UNKNOWN	ug/L
#1042 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Carbon disulfide	(CS2)	UNKNOWN	ug/L
#1042 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Chloride	(Chloride)	UNKNOWN	mg/L
#1042 DN			
88.09			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Chloroform	(Chlorofm)	UNKNOWN	ug/L
#1042 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Fluoride	(Flrd)	UNKNOWN	ug/L
#1042 DN			
200			
Det. Limit 100.0000			
Lab Qual.			
Val Qual. -			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/22/93

Parameter	Code	Method	Units
Methylene chloride	(MeCl)	UNKNOWN	ug/L
#1042 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. BJ			
Val Qual. UJ			
Phenols	(Phen)	UNKNOWN	mg/L
#1042 DN			
ND<.01			
Det. Limit 0.0100			
Lab Qual. U			
Val Qual. U			
Sulfate	(SO4)	UNKNOWN	mg/L
#1042 DN			
138			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Tetrachloroethene	(TetCEthy)	UNKNOWN	ug/L
#1042 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Toluene	(Toluen)	UNKNOWN	ug/L
#1042 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Trichloroethene	(TCE)	UNKNOWN	ug/L
#1042 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/22/93

Parameter	Code	Method	Units
Vinyl chloride	(VC)	UNKNOWN	ug/L

#1042 DN
ND<10
Det. Limit 10.0000
Lab Qual. U
Val Qual. U

0621

5217

Parameter	Code	Method	Units
Water elevation	(None)		Feet
#2027 DN			
522.14			
Det. Limit None			
Lab Qual. -			
Val Qual.			
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L
#2027 DN			
430000			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Aluminum	(Al)	200.7	mg/L
#2027 DN			
ND<.0382			
Det. Limit 0.0382			
Lab Qual. B			
Val Qual. U			
Arsenic	(As)	206.2	mg/L
#2027 DN			
.0019			
Det. Limit 0.0100*			
Lab Qual. B			
Val Qual. -			
Barium	(Ba)	200.7	mg/L
#2027 DN			
.0706			
Det. Limit 0.2000*			
Lab Qual. B			
Val Qual. -			
Beryllium	(Be)	200.7	mg/L
#2027 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Cadmium	(Cd)	200.7	mg/L
#2027 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. U			
Calcium	(Ca)	200.7	mg/L
#2027 DN			
254			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Chromium	(Cr)	200.7	mg/L
#2027 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Cobalt	(Co)	200.7	mg/L
#2027 DN			
ND<.006			
Det. Limit 0.0060			
Lab Qual. U			
Val Qual. U			
Copper	(Cu)	200.7	mg/L
#2027 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Iron	(Fe)	200.7	mg/L
#2027 DN			
7.73			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. -			

Parameter	Code	Method	Units
Lead	(Pb)	239.2	mg/L
#2027 DN			
ND<.001			
Det. Limit 0.0010			
Lab Qual. UW			
Val Qual. UJ			
Magnesium	(Mg)	200.7	mg/L
#2027 DN			
61.2			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Manganese	(Mn)	200.7	mg/L
#2027 DN			
.654			
Det. Limit 0.0150			
Lab Qual.			
Val Qual. -			
Mercury	(Hg)	245.1	mg/L
#2027 DN			
ND<.0002			
Det. Limit 0.0002			
Lab Qual. U			
Val Qual. U			
Nickel	(Ni)	200.7	mg/L
#2027 DN			
ND<.019			
Det. Limit 0.0190			
Lab Qual. U			
Val Qual. U			
Selenium	(Se)	270.2	mg/L
#2027 DN			
ND<.002			
Det. Limit 0.0020			
Lab Qual. UNW			
Val Qual. UJ			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/23/93

Parameter	Code	Method	Units
Silver	(Ag)	200.7	mg/L
#2027 DN			
ND<.003			
Det. Limit 0.0030			
Lab Qual. U			
Val Qual. UJ			
Sodium	(Na)	200.7	mg/L
#2027 DN			
45.8			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. -			
Specific Conductivity	(Cond)	9050	umhos/cm
#2027 DN			
1700			
Det. Limit None			
Lab Qual.			
Val Qual. -			
Vanadium	(Va)	200.7	mg/L
#2027 DN			
ND<.004			
Det. Limit 0.0040			
Lab Qual. U			
Val Qual. U			
Zinc	(Zn)	200.7	mg/L
#2027 DN			
ND<.006			
Det. Limit 0.0060			
Lab Qual. U			
Val Qual. U			
pH	(pH F)	9040	SU
#2027 DN			
7			
Det. Limit None			
Lab Qual.			
Val Qual. -			

0535

5217

Parameter	Code	Method	Units
1,1,1-Trichloroethane	(1,1,1Tri)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethane	(1,1DCE)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethene	(1,1-DCEE)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,2-Dichloroethane	(1,2DCE)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,2-Dichloroethene (Total)	(1,2-DCEy)		ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Acetone	(Acetone)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. BJ			
Val Qual. U			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/23/93

Parameter	Code	Method	Units
Benzene	(Benzene)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Carbon disulfide	(CS2)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Chloride	(Chloride)	UNKNOWN	mg/L
#2027 DN			
135.2			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Chloroform	(Chlorofm)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Fluoride	(Flrd)	UNKNOWN	ug/L
#2027 DN			
260			
Det. Limit 100.0000			
Lab Qual.			
Val Qual. -			
Methylene chloride	(MeCl)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. BJ			
Val Qual. UJ			

0621

5217

Parameter	Code	Method	Units
Phenols	(Phen)	UNKNOWN	mg/L
#2027 DN			
ND<.01			
Det. Limit 0.0100			
Lab Qual. U			
Val Qual. U			
Sulfate	(SO4)	UNKNOWN	mg/L
#2027 DN			
333.3			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Tetrachloroethene	(TetCEthy)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Toluene	(Toluen)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Trichloroethene	(TCE)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Vinyl chloride	(VC)	UNKNOWN	ug/L
#2027 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. UJ			

Parameter	Code	Method	Units	#1031 DN	#2649 DN	#2822 DN
Water elevation	(None)		Feet	553.75	523.45	523.07
Det. Limit				None	None	None
Lab Qual.						
Val Qual.						
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L	ND<10	10	ND<10
Det. Limit				10.0000	10.0000	10.0000
Lab Qual.				U		U
Val Qual.				U	-	U
1,1-Dichloroethane	(1,1DCE)	624	ug/L	20	5	ND<10
Det. Limit				10.0000	10.0000*	10.0000
Lab Qual.					J	U
Val Qual.				-	J	U
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L	4	ND<10	ND<10
Det. Limit				10.0000*	10.0000	10.0000
Lab Qual.				J	U	U
Val Qual.				J	U	U
1,2-Dichloroethane	(1,2DCE)	624	ug/L	ND<10	ND<10	ND<10
Det. Limit				10.0000	10.0000	10.0000
Lab Qual.				U	U	U
Val Qual.				U	U	U
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L	60	5	ND<10
Det. Limit				10.0000	10.0000*	10.0000
Lab Qual.					J	U
Val Qual.				-	J	U

5217

Parameter	Code	Method	Units
Acetone	(Acetone)	624	ug/L

#1031 DN	#2649 DN	#2822 DN
ND<17	ND<10	ND<10
Det. Limit 17.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual.	Lab Qual. U	Lab Qual. U
Val Qual. UJ	Val Qual. UJ	Val Qual. UJ

Alkalinity as CaCO3	(CaCO3)	310.1	ug/L

#1031 DN	#2649 DN	#2822 DN
160000	264000	288000
Det. Limit None	Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -	Val Qual. -

Aluminum	(Al)	200.7	mg/L

#1031 DN	#2649 DN	#2822 DN
.43	ND<.02	ND<.0639
Det. Limit 0.2000	Det. Limit 0.0200	Det. Limit 0.0639
Lab Qual.	Lab Qual. U	Lab Qual. B
Val Qual. -	Val Qual. U	Val Qual. U

Aluminum, (Dissd.)	(Al dis)	200.7	mg/L

#1031 DN	#2649 DN	#2822 DN
ND<.02	ND<.0379	ND<.021
Det. Limit 0.0200	Det. Limit 0.0379	Det. Limit 0.0210
Lab Qual. U	Lab Qual. B	Lab Qual. B
Val Qual. U	Val Qual. U	Val Qual. U

Arsenic	(As)	206.2	mg/L

#1031 DN	#2649 DN	#2822 DN
.0028	ND<.002	ND<.002
Det. Limit 0.0100*	Det. Limit 0.0020	Det. Limit 0.0020
Lab Qual. BWN	Lab Qual. UN	Lab Qual. UWN
Val Qual. J	Val Qual. UJ	Val Qual. UJ

Arsenic, (Dissd.)	(As dis)	206.2	mg/L

#1031 DN	#2649 DN	#2822 DN
ND<.002	ND<.002	ND<.002
Det. Limit 0.0020	Det. Limit 0.0020	Det. Limit 0.0020
Lab Qual. U	Lab Qual. UW	Lab Qual. U
Val Qual. U	Val Qual. UJ	Val Qual. U

Parameter	Code	Method	Units
Barium	(Ba)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	.0717	.0443	.0501
Det. Limit	0.2000*	0.2000*	0.2000*
Lab Qual.	B	B	B
Val Qual.	-	-	-

Barium, (Dissd.)	(Ba dis)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	.0666	.0401	.0499
Det. Limit	0.2000*	0.2000*	0.2000*
Lab Qual.	B	B	B
Val Qual.	-	-	-

Benzene	(Benzene)	624	ug/L

	#1031 DN	#2649 DN	#2822 DN
	4	ND<10	ND<10
Det. Limit	10.0000*	10.0000	10.0000
Lab Qual.	J	U	U
Val Qual.	J	U	U

Beryllium	(Be)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010
Lab Qual.	U	U	U
Val Qual.	U	U	U

Beryllium, (Dissd.)	(Be dis)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	ND<.001	ND<.001	ND<.001
Det. Limit	0.0010	0.0010	0.0010
Lab Qual.	U	U	U
Val Qual.	U	U	U

Cadmium	(Cd)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030
Lab Qual.	U	U	U
Val Qual.	U	U	U

Parameter	Code	Method	Units			
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L			
#1031 DN	#2649 DN			#2822 DN		
ND<.003	ND<.003			ND<.003		
Det. Limit	0.0030	Det. Limit	0.0030	Det. Limit	0.0030	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	U	Val Qual.	U	Val Qual.	U	
Calcium	(Ca)	200.7	mg/L			
#1031 DN	#2649 DN			#2822 DN		
197	250			99.9		
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	-	Val Qual.	-	Val Qual.	-	
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L			
#1031 DN	#2649 DN			#2822 DN		
209	245			108		
Det.	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	
Lab		Lab Qual.		Lab Qual.		
Val Qual.	-	Val Qual.	-	Val Qual.	-	
Carbon disulfide	(CS2)	624	ug/L			
#1031 DN	#2649 DN			#2822 DN		
ND<10	ND<10			ND<10		
Det. Limit	10.0000	Det. Limit	10.0000	Det. Limit	10.0000	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	U	Val Qual.	U	Val Qual.	U	
Chloride	(Chloride)	9252	mg/L			
#1031 DN	#2649 DN			#2822 DN		
823	223			36		
Det. Limit	1.0000	Det. Limit	1.0000	Det. Limit	1.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	-	Val Qual.	-	Val Qual.	-	
Chloroform	(Chlorofm)	624	ug/L			
#1031 DN	#2649 DN			#2822 DN		
2	1			ND<10		
Det. Limit	10.0000*	Det. Limit	10.0000*	Det. Limit	10.0000	
Lab Qual.	J	Lab Qual.	J	Lab Qual.	U	
Val Qual.	J	Val Qual.	J	Val Qual.	U	

Parameter	Code	Method	Units
Chromium	(Cr)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	.221	ND<.0146	ND<.0052
Det. Limit	0.0100	0.0146	0.0052
Lab Qual.			B
Val Qual.	-	U	U

Cobalt	(Co)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	.009	ND<.008	ND<.008
Det. Limit	0.0500*	0.0080	0.0080
Lab Qual.	B	U	U
Val Qual.	-	U	U

Cobalt, (Dissd.)	(Co dis)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	ND<.028	ND<.0279	ND<.0223
Det. Limit	0.0280	0.0279	0.0223
Lab Qual.	B	B	B
Val Qual.	UJ	UJ	UJ

Copper	(Cu)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	ND<.0175	ND<.0069	ND<.0092
Det. Limit	0.0175	0.0069	0.0092
Lab Qual.	B	B	B
Val Qual.	U	U	U

Copper, (Dissd.)	(Cu dis)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	ND<.0072	ND<.003	ND<.0062
Det. Limit	0.0072	0.0030	0.0062
Lab Qual.	B	U	B
Val Qual.	U	U	U

Fluoride	(Flrd)	340.2	ug/L

	#1031 DN	#2649 DN	#2822 DN
	2640	1360	250
Det. Limit	100.0000	100.0000	100.0000
Lab Qual.			
Val Qual.	-	-	-

00333

5217

Parameter	Code	Method	Units			
Gross Alpha	(Alpha)	900.0	pCi/l			
#1031 DN	#2649 DN			#2822 DN		
ND<16.5	15.8			23.8		
Det. Limit	16.5000	Det. Limit	2.0000	Det. Limit	2.0000	
Lab Qual.	U	Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Gross Beta	(Beta)	900.0	pCi/l			
#1031 DN	#2649 DN			#2822 DN		
136	535			36.8		
Det. Limit	4.0000	Det. Limit	4.0000	Det. Limit	4.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	NV	Val Qual.	NV	Val Qual.	NV	
Iron	(Fe)	200.7	mg/L			
#1031 DN	#2649 DN			#2822 DN		
1.92	ND<.0446			.316		
Det. Limit	0.1000	Det. Limit	0.0446	Det. Limit	0.1000	
Lab Qual.		Lab Qual.	B	Lab Qual.		
Val Qual.	-	Val Qual.	U	Val Qual.	-	
Iron, (Dissd.)	(Fe dis)	200.7	mg/L			
#1031 DN	#2649 DN			#2822 DN		
ND<.0183	ND<.0374			ND<.0309		
Det. Limit	0.0183	Det. Limit	0.0374	Det. Limit	0.0309	
Lab Qual.	B	Lab Qual.	B	Lab Qual.	B	
Val Qual.	U	Val Qual.	U	Val Qual.	U	
Lead	(Pb)	239.2	mg/L			
#1031 DN	#2649 DN			#2822 DN		
.0023	ND<.001			.0012		
Det. Limit	0.0030*	Det. Limit	0.0010	Det. Limit	0.0030*	
Lab Qual.	BWN	Lab Qual.	UWN	Lab Qual.	BWN	
Val Qual.	J	Val Qual.	UJ	Val Qual.	J	
Lead, (Dissd.)	(Pb dis)	239.2	mg/L			
#1031 DN	#2649 DN			#2822 DN		
ND<.001	.0012			.0026		
Det. Limit	0.0010	Det. Limit	0.0030*	Det. Limit	0.0030*	
Lab Qual.	UW	Lab Qual.	BW	Lab Qual.	B	
Val Qual.	UJ	Val Qual.	J	Val Qual.	-	

Parameter	Code	Method	Units			
Magnesium	(Mg)	200.7	mg/L			
#1031 DN	#2649 DN		#2822 DN			
14.1	32.8		23.4			
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	-	Val Qual.	-	Val Qual.	-	
Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L			
#1031 DN	#2649 DN		#2822 DN			
14.1	31.5		24.3			
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	-	Val Qual.	-	Val Qual.	-	
Manganese	(Mn)	200.7	mg/L			
#1031 DN	#2649 DN		#2822 DN			
.0523	.0014		.0178			
Det. Limit	0.0150	Det. Limit	0.0150*	Det. Limit	0.0150	
Lab Qual.		Lab Qual.	B	Lab Qual.		
Val Qual.	-	Val Qual.	-	Val Qual.	-	
Manganese, (Dissd.)	(Mn dis)	200.7	mg/L			
#1031 DN	#2649 DN		#2822 DN			
ND<.0173	ND<.0072		ND<.0052			
Det. Limit	0.0173	Det. Limit	0.0072	Det. Limit	0.0052	
Lab Qual.		Lab Qual.	B	Lab Qual.	B	
Val Qual.	U	Val Qual.	U	Val Qual.	U	
Mercury	(Hg)	245.1	mg/L			
#1031 DN	#2649 DN		#2822 DN			
ND<.0002	ND<.0002		ND<.0002			
Det. Limit	0.0002	Det. Limit	0.0002	Det. Limit	0.0002	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	U	Val Qual.	U	Val Qual.	U	
Mercury, (Dissd.)	(Hg dis)	245.1	mg/L			
#1031 DN	#2649 DN		#2822 DN			
ND<.0002	ND<.0002		ND<.0002			
Det. Limit	0.0002	Det. Limit	0.0002	Det. Limit	0.0002	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	U	Val Qual.	U	Val Qual.	U	

5217

Parameter	Code	Method	Units			
Methylene chloride	(MeCl)	624	ug/L			
	#1031 DN			#2649 DN		#2822 DN
	4			ND<10		ND<10
Det. Limit	10.0000*		Det. Limit	10.0000	Det. Limit	10.0000
Lab Qual.	J		Lab Qual.	U	Lab Qual.	U
Val Qual.	J		Val Qual.	U	Val Qual.	U
Nickel	(Ni)	200.7	mg/L			
	#1031 DN			#2649 DN		#2822 DN
	.201			.023		ND<.02
Det. Limit	0.0400		Det. Limit	0.0400*	Det. Limit	0.0200
Lab Qual.			Lab Qual.	B	Lab Qual.	U
Val Qual.	-		Val Qual.	-	Val Qual.	U
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L			
	#1031 DN			#2649 DN		#2822 DN
	.0793			.024		ND<.02
Det. Limit	0.0400		Det. Limit	0.0400*	Det. Limit	0.0200
Lab Qual.			Lab Qual.	B	Lab Qual.	U
Val Qual.	-		Val Qual.	-	Val Qual.	U
Nitrate/Nitrite	(NO3/NO2)	9200	ug/L			
	#1031 DN			#2649 DN		#2822 DN
	27000			73600		1800
Det. Limit	100.0000		Det. Limit	100.0000	Det. Limit	100.0000
Lab Qual.			Lab Qual.		Lab Qual.	
Val Qual.	-		Val Qual.	-	Val Qual.	-
Phenols	(Phen)	9065	mg/L			
	#1031 DN			#2649 DN		#2822 DN
	ND<.01			ND<.01		ND<.01
Det. Limit	0.0100		Det. Limit	0.0100	Det. Limit	0.0100
Lab Qual.	U		Lab Qual.	U	Lab Qual.	U
Val Qual.	U		Val Qual.	U	Val Qual.	U
Radium-226	(Ra-226)	903.1	pCi/l			
	#1031 DN			#2649 DN		#2822 DN
	3.7			.4		ND<.5
Det. Limit	1.0000		Det. Limit	1.0000*	Det. Limit	0.5000
Lab Qual.			Lab Qual.		Lab Qual.	U
Val Qual.	-		Val Qual.	J	Val Qual.	UJ

Parameter	Code	Method	Units			
Radium-228	(Ra-228)	904.0	pCi/l			
#1031 DN	#2649 DN		#2822 DN			
3	ND<2.2		ND<2.1			
Det. Limit	3.0000	Det. Limit	2.2000	Det. Limit	2.1000	
Lab Qual.		Lab Qual.	U	Lab Qual.	U	
Val Qual.	-	Val Qual.	U	Val Qual.	U	
Selenium	(Se)	270.2	mg/L			
#1031 DN	#2649 DN		#2822 DN			
.0074	ND<.005		.001			
Det. Limit	0.0050	Det. Limit	0.0050	Det. Limit	0.0050*	
Lab Qual.	SN	Lab Qual.	UN	Lab Qual.	BWN	
Val Qual.	J	Val Qual.	UJ	Val Qual.	J	
Selenium, (Dissd.)	(Se dis)	270.2	mg/L			
#1031 DN	#2649 DN		#2822 DN			
ND<.006	ND<.005		ND<.0012			
Det. Limit	0.0060	Det. Limit	0.0050	Det. Limit	0.0012	
Lab Qual.	N+	Lab Qual.	N	Lab Qual.	BWN	
Val Qual.	UJ	Val Qual.	UJ	Val Qual.	UJ	
Silver	(Ag)	200.7	mg/L			
#1031 DN	#2649 DN		#2822 DN			
ND<.007	ND<.007		ND<.007			
Det. Limit	0.0070	Det. Limit	0.0070	Det. Limit	0.0070	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	UJ	Val Qual.	UJ	Val Qual.	UJ	
Silver, (Dissd.)	(Ag dis)	200.7	mg/L			
#1031 DN	#2649 DN		#2822 DN			
ND<.007	ND<.007		ND<.007			
Det. Limit	0.0070	Det. Limit	0.0070	Det. Limit	0.0070	
Lab Qual.	U	Lab Qual.	U	Lab Qual.	U	
Val Qual.	U	Val Qual.	U	Val Qual.	U	
Sodium	(Na)	200.7	mg/L			
#1031 DN	#2649 DN		#2822 DN			
173	75.8		15.6			
Det. Limit	5.0000	Det. Limit	5.0000	Det. Limit	5.0000	
Lab Qual.		Lab Qual.		Lab Qual.		
Val Qual.	-	Val Qual.	-	Val Qual.	-	

Parameter	Code	Method	Units
Sodium, (Dissd.)	(Na dis)	200.7	mg/L

#1031 DN	#2649 DN	#2822 DN
175	71.1	16.6
Det. Limit 5.0000	Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -	Val Qual. -

Specific Conductivity	(Cond)	9050	umhos/cm

#1031 DN	#2649 DN	#2822 DN
3220	1970	693
Det. Limit None	Det. Limit None	Det. Limit None
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -	Val Qual. -

Sulfate	(SO4)	9038	mg/L

#1031 DN	#2649 DN	#2822 DN
268	183	116
Det. Limit 1.0000	Det. Limit 1.0000	Det. Limit 1.0000
Lab Qual.	Lab Qual.	Lab Qual.
Val Qual. -	Val Qual. -	Val Qual. -

Tetrachloroethene	(TetCEthy)	624	ug/L

#1031 DN	#2649 DN	#2822 DN
170	ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual.	Lab Qual. U	Lab Qual. U
Val Qual. -	Val Qual. U	Val Qual. U

Toluene	(Toluen)	624	ug/L

#1031 DN	#2649 DN	#2822 DN
10	ND<10	ND<10
Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual.	Lab Qual. U	Lab Qual. U
Val Qual. -	Val Qual. U	Val Qual. U

Trichloroethene	(TCE)	624	ug/L

#1031 DN	#2649 DN	#2822 DN
230	120	ND<10
Det. Limit 10.0000	Det. Limit 10.0000	Det. Limit 10.0000
Lab Qual.	Lab Qual.	Lab Qual. U
Val Qual. -	Val Qual. -	Val Qual. U

Parameter	Code	Method	Units
Uranium, Total	(U-Total)	908.1	ug/L

	#1031 DN	#2649 DN	#2822 DN
	8.9	11.2	64.7
Det. Limit	0.1000	0.1000	0.1000
Lab Qual.			
Val Qual.	J	-	-

Vanadium	(Va)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030
Lab Qual.	U	U	U
Val Qual.	U	U	U

Vanadium, (Dissd.)	(Va dis)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	ND<.003	ND<.003	ND<.003
Det. Limit	0.0030	0.0030	0.0030
Lab Qual.	U	U	U
Val Qual.	U	U	U

Vinyl chloride	(VC)	624	ug/L

	#1031 DN	#2649 DN	#2822 DN
	ND<10	ND<10	ND<10
Det. Limit	10.0000	10.0000	10.0000
Lab Qual.	U	U	U
Val Qual.	UJ	U	UJ

Zinc	(Zn)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	.0071	ND<.005	ND<.005
Det. Limit	0.0200*	0.0050	0.0050
Lab Qual.	B	U	U
Val Qual.	-	U	U

Zinc, (Dissd.)	(Zn dis)	200.7	mg/L

	#1031 DN	#2649 DN	#2822 DN
	ND<.005	ND<.005	ND<.005
Det. Limit	0.0050	0.0050	0.0050
Lab Qual.	U	U	U
Val Qual.	U	U	U

0530

9217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/26/93

Parameter	Code	Method	Units
pH	(pH F)	9040	SU

	#1031 DN		#2649 DN		#2822 DN
	8.89		7.36		7.44
Det. Limit	None	Det. Limit	None	Det. Limit	None
Lab Qual.		Lab Qual.		Lab Qual.	
Val Qual.	-	Val Qual.	-	Val Qual.	-

1993 RCRA Annual Report Sampling Results
Sample Date of 04/29/93

Parameter	Code	Method	Units
Water elevation	(None)		Feet
#1052 UP	#2052 DN		
583.39	521.815		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual.	Val Qual.		
1,1,1-Trichloroethane	(1,1,1Tri)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethane	(1,1DCE)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,1-Dichloroethene	(1,1-DCEE)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,2-Dichloroethane	(1,2DCE)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
1,2-Dichloroethene (Total)	(1,2-DCEy)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/29/93

Parameter	Code	Method	Units
Acetone	(Acetone)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. J			
Val Qual. UJ			
Alkalinity as CaCO3	(CaCO3)	310.1	ug/L
#1052 UP	#2052 DN		
440000	360000		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Aluminum	(Al)	200.7	mg/L
#1052 UP	#2052 DN		
.354	ND<.036		
Det. Limit 0.2000	Det. Limit 0.0360		
Lab Qual.	Lab Qual. U		
Val Qual. -	Val Qual. U		
Aluminum, (Dissd.)	(Al dis)	200.7	mg/L
#1052 UP			
ND<.036			
Det. Limit 0.0360			
Lab Qual. U			
Val Qual. U			
Arsenic	(As)	206.2	mg/L
#1052 UP	#2052 DN		
.0035	ND<.002		
Det. Limit 0.0100*	Det. Limit 0.0020		
Lab Qual. B	Lab Qual. U		
Val Qual. -	Val Qual. U		
Arsenic, (Dissd.)	(As dis)	206.2	mg/L
#1052 UP			
ND<.002			
Det. Limit 0.0020			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Barium	(Ba)	200.7	mg/L
#1052 UP	#2052 DN		
.0559	.066		
Det. Limit 0.2000*	Det. Limit 0.2000*		
Lab Qual. B	Lab Qual. B		
Val Qual. -	Val Qual. -		
Barium, (Dissd.)	(Ba dis)	200.7	mg/L
#1052 UP			
.0605			
Det. Limit 0.2000*			
Lab Qual. B			
Val Qual. -			
Benzene	(Benzene)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Beryllium	(Be)	200.7	mg/L
#1052 UP	#2052 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Beryllium, (Dissd.)	(Be dis)	200.7	mg/L
#1052 UP			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			
Cadmium	(Cd)	200.7	mg/L
#1052 UP	#2052 DN		
ND<.002	ND<.002		
Det. Limit 0.0020	Det. Limit 0.0020		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		

0643

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/29/93

Parameter	Code	Method	Units
Cadmium, (Dissd.)	(Cd dis)	200.7	mg/L
#1052 UP			
ND<.002			
Det. Limit 0.0020			
Lab Qual. U			
Val Qual. U			
Calcium	(Ca)	200.7	mg/L
#1052 UP	#2052 DN		
102	155		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. J	Val Qual. -		
Calcium, (Dissd.)	(Ca dis)	200.7	mg/L
#1052 UP			
117			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. J			
Carbon disulfide	(CS2)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Chloride	(Chloride)	9252	mg/L
#1052 UP			
7.3			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Chloroform	(Chlorofm)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/29/93

Parameter	Code	Method	Units
Chromium	(Cr)	200.7	mg/L
#1052 UP	#2052 DN		
ND<.003	ND<.003		
Det. Limit 0.0030	Det. Limit 0.0030		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Cobalt	(Co)	200.7	mg/L
#1052 UP	#2052 DN		
ND<.008	ND<.008		
Det. Limit 0.0080	Det. Limit 0.0080		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Cobalt, (Dissd.)	(Co dis)	200.7	mg/L
#1052 UP			
ND<.008			
Det. Limit 0.0080			
Lab Qual. U			
Val Qual. U			
Copper	(Cu)	200.7	mg/L
#1052 UP	#2052 DN		
ND<.004	ND<.004		
Det. Limit 0.0040	Det. Limit 0.0040		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Copper, (Dissd.)	(Cu dis)	200.7	mg/L
#1052 UP			
ND<.0043			
Det. Limit 0.0043			
Lab Qual. B			
Val Qual. U			
Fluoride	(Flrd)	340.2	ug/L
#1052 UP			
1000			
Det. Limit 100.0000			
Lab Qual.			
Val Qual. -			

0045

5217

Parameter	Code	Method	Units
Gross Alpha	(Alpha)	UNKNOWN	pCi/l
#1052 UP			
ND<6			
Det. Limit 6.0000			
Lab Qual. U			
Val Qual. NV			
Gross Beta	(Beta)	900.0	pCi/l
#1052 UP			
ND<5.7			
Det. Limit 5.7000			
Lab Qual. U			
Val Qual. NV			
Iron	(Fe)	200.7	mg/L
#1052 UP	#2052 DN		
ND<.531	3.19		
Det. Limit 0.5310	Det. Limit 0.1000		
Lab Qual.	Lab Qual.		
Val Qual. U	Val Qual. -		
Iron, (Dissd.)	(Fe dis)	200.7	mg/L
#1052 UP			
ND<.012			
Det. Limit 0.0120			
Lab Qual. U			
Val Qual. U			
Lead	(Pb)	239.2	mg/L
#1052 UP	#2052 DN		
ND<.001	ND<.001		
Det. Limit 0.0010	Det. Limit 0.0010		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Lead, (Dissd.)	(Pb dis)	239.2	mg/L
#1052 UP			
ND<.001			
Det. Limit 0.0010			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Magnesium	(Mg)	200.7	mg/L

#1052 UP	#2052 DN
49.7	34.7
Det. Limit 5.0000	Det. Limit 5.0000
Lab Qual.	Lab Qual.
Val Qual. J	Val Qual. -

Magnesium, (Dissd.)	(Mg dis)	200.7	mg/L

#1052 UP
54.8
Det. Limit 5.0000
Lab Qual.
Val Qual. J

Manganese	(Mn)	200.7	mg/L

#1052 UP	#2052 DN
ND<.011	.558
Det. Limit 0.0110	Det. Limit 0.0150
Lab Qual. B	Lab Qual.
Val Qual. U	Val Qual. -

Manganese, (Dissd.)	(Mn dis)	200.7	mg/L

#1052 UP
ND<.002
Det. Limit 0.0020
Lab Qual. U
Val Qual. U

Mercury	(Hg)	245.1	mg/L

#1052 UP	#2052 DN
ND<.0002	ND<.0002
Det. Limit 0.0002	Det. Limit 0.0002
Lab Qual. U	Lab Qual. U
Val Qual. U	Val Qual. U

Mercury, (Dissd.)	(Hg dis)	245.1	mg/L

#1052 UP
ND<.0002
Det. Limit 0.0002
Lab Qual. U
Val Qual. U

0047

5217

1993 RCRA Annual Report Sampling Results
Sample Date of 04/29/93

Parameter	Code	Method	Units
Methylene chloride	(MeCl)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Nickel	(Ni)	200.7	mg/L
#1052 UP	#2052 DN		
ND<.031	ND<.031		
Det. Limit 0.0310	Det. Limit 0.0310		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Nickel, (Dissd.)	(Ni dis)	200.7	mg/L
#1052 UP			
ND<.031			
Det. Limit 0.0310			
Lab Qual. U			
Val Qual. U			
Nitrate/Nitrite	(NO3/NO2)	353.2	ug/L
#1052 UP			
69			
Det. Limit 100.0000*			
Lab Qual.			
Val Qual. -			
Phenols	(Phen)	420.1	mg/L
#1052 UP			
ND<.15			
Det. Limit 0.1500			
Lab Qual. U			
Val Qual. U			
Radium-226	(Ra-226)	903.1	pCi/l
#1052 UP			
ND<.3			
Det. Limit 0.3000			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Radium-228	(Ra-228)	904.0	pCi/l
#1052 UP			
ND<1.8			
Det. Limit 1.8000			
Lab Qual. U			
Val Qual. U			
Selenium	(Se)	270.2	mg/L
#1052 UP	#2052 DN		
.0017	.0022		
Det. Limit 0.0050*	Det. Limit 0.0050*		
Lab Qual. B	Lab Qual. BW		
Val Qual. -	Val Qual. J		
Selenium, (Dissd.)	(Se dis)	270.2	mg/L
#1052 UP			
ND<.002			
Det. Limit 0.0020			
Lab Qual. U			
Val Qual. U			
Silver	(Ag)	200.7	mg/L
#1052 UP	#2052 DN		
ND<.003	ND<.003		
Det. Limit 0.0030	Det. Limit 0.0030		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Silver, (Dissd.)	(Ag dis)	200.7	mg/L
#1052 UP			
ND<.0043			
Det. Limit 0.0043			
Lab Qual. B			
Val Qual. U			
Sodium	(Na)	200.7	mg/L
#1052 UP	#2052 DN		
24.3	12.4		
Det. Limit 5.0000	Det. Limit 5.0000		
Lab Qual.	Lab Qual.		
Val Qual. J	Val Qual. -		

Parameter	Code	Method	Units
Sodium, (Dissd.)	(Na dis)	200.7	mg/L
#1052 UP			
27.9			
Det. Limit 5.0000			
Lab Qual.			
Val Qual. J			
Specific Conductivity	(Cond)	120.1	umhos/cm
#1052 UP	#2052 DN		
940	1000		
Det. Limit None	Det. Limit None		
Lab Qual.	Lab Qual.		
Val Qual. -	Val Qual. -		
Sulfate	(SO4)	9038	mg/L
#1052 UP			
99			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Tetrachloroethene	(TetCEthy)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Toluene	(Toluen)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Trichloroethene	(TCE)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

Parameter	Code	Method	Units
Uranium, Total	(U-Total)	908.1	ug/L
#1052 UP			
2.8			
Det. Limit 0.1000			
Lab Qual.			
Val Qual. J			
Vanadium	(Va)	200.7	mg/L
#1052 UP	#2052 DN		
ND<.007	ND<.007		
Det. Limit 0.0070	Det. Limit 0.0070		
Lab Qual. U	Lab Qual. U		
Val Qual. U	Val Qual. U		
Vanadium, (Dissd.)	(Va dis)	200.7	mg/L
#1052 UP			
ND<.007			
Det. Limit 0.0070			
Lab Qual. U			
Val Qual. U			
Vinyl chloride	(VC)	624	ug/L
#1052 UP			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Zinc	(Zn)	200.7	mg/L
#1052 UP	#2052 DN		
ND<.0138	ND<.0067		
Det. Limit 0.0138	Det. Limit 0.0067		
Lab Qual. B	Lab Qual. B		
Val Qual. U	Val Qual. U		
Zinc, (Dissd.)	(Zn dis)	200.7	mg/L
#1052 UP			
ND<.0024			
Det. Limit 0.0024			
Lab Qual. B			
Val Qual. U			

Parameter	Code	Method	Units
pH	(pH F)	150.1	SU

	#1052 UP	#2052 DN
	7.6	7.2
Det. Limit	None	None
Lab Qual.		
Val Qual.	-	-

Parameter	Code	Method	Units
1,1,1-Trichloroethane	(1,1,1Tri)	UNKNOWN	ug/L

	#2052 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
1,1-Dichloroethane	(1,1DCE)	UNKNOWN	ug/L

	#2052 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
1,1-Dichloroethene	(1,1-DCEE)	UNKNOWN	ug/L

	#2052 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
1,2-Dichloroethane	(1,2DCE)	UNKNOWN	ug/L

	#2052 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
1,2-Dichloroethene (Total)	(1,2-DCEy)		ug/L

	#2052 DN
	ND<10
Det. Limit	10.0000
Lab Qual.	U
Val Qual.	U

Parameter	Code	Method	Units
Acetone	(Acetone)	UNKNOWN	ug/L
#2052 DN			
2			
Det. Limit 10.0000*			
Lab Qual. J			
Val Qual. J			
Benzene	(Benzene)	UNKNOWN	ug/L
#2052 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Carbon disulfide	(CS2)	UNKNOWN	ug/L
#2052 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Chloride	(Chloride)	UNKNOWN	mg/L
#2052 DN			
23.62			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Chloroform	(Chlorofm)	UNKNOWN	ug/L
#2052 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Fluoride	(Flrd)	UNKNOWN	mg/L
#2052 DN			
280			
Det. Limit 100.0000			
Lab Qual.			
Val Qual. -			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/29/93

Parameter	Code	Method	Units
Methylene chloride	(MeCl)	UNKNOWN	ug/L
#2052 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. B			
Val Qual. U			
Phenols	(Phen)	UNKNOWN	mg/L
#2052 DN			
ND<.01			
Det. Limit 0.0100			
Lab Qual. U			
Val Qual. U			
Sulfate	(SO4)	UNKNOWN	mg/L
#2052 DN			
183.4			
Det. Limit 1.0000			
Lab Qual.			
Val Qual. -			
Tetrachloroethene	(TetCEthy)	UNKNOWN	ug/L
#2052 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Toluene	(Toluen)	UNKNOWN	ug/L
#2052 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			
Trichloroethene	(TCE)	UNKNOWN	ug/L
#2052 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. U			

1993 RCRA Annual Report Sampling Results
Sample Date of 04/29/93

Parameter	Code	Method	Units
Vinyl chloride	(VC)	UNKNOWN	ug/L
#2052 DN			
ND<10			
Det. Limit 10.0000			
Lab Qual. U			
Val Qual. UJ			

APPENDIX D

ROUTINE MONITORING PROGRAM WELL INFORMATION

SECTION 2 - WELL INFORMATION

For the 1993 Annual Report all owner/operators shall complete one set of Well Information Forms for each well that is part of the regulated system. Each well in a cluster of nested wells shall be listed on a separate Well Information Form. In subsequent years, only Well Information Forms for newly installed wells need be submitted.

W-1 WELL IDENTIFICATION CODE _____ Past identifiers for this well: _____

W-2 INSTALLATION DATE (mo/day/year)_____

W-3 REFERENCE WELL ELEVATION LEVEL: Mean Sea Level_____ North American Vertical Datum 1988 (NAVD)____

W-4 WELL DEPTH Measured from Ground Surface (ft) _____

W-5 WELL LOG (Check all available log types) CORE LOG No. _____

____ D= Core-record of strata through which borehole passes
____ F= Drillers-brief record of gross characteristics of strata
____ M= Geologist-Graphic record of strata from microscopic exam

W-6 CASING MATERIAL (Check one)

____ PVC Plastic
____ ABS Plastic
____ PTFE
____ Other
____ Stainless Steel
____ Epoxy Fiberglass
____ Teflon
____ Galvanized Steel

W-7 INTERIOR DIAMETER OF WELL CASING _____ inches

W-8 WELL USE CODE (Check one)

____ 1A = Public Water Supply
____ 1C = Extraction & Treatment
____ 1E = Industrial Supply
____ 06 = Seismic Monitoring
____ 09 = Tracer (monitoring)
____ 8B = Piezometer
____ 1B = Private Water Supply
____ 1D = Irrigation Supply
____ 1F = Dewatering
____ 07 = Test Hole (uncased)
____ 8A = RCRA monitoring, compliance
____ 8C = Other Ground Water Observation

W-9 WELL QA CODE

_____ Was this well designed and constructed by a consultant who followed EPA guidelines concerning tamper controls, use of inert materials and other requirements?

_____ If so, has the well been inspected by the State or EPA in the last five years?

_____ Did the well pass State/EPA inspection - does it meet the objectives?

W-10 GRADIENT POSITION Up_____ Down _____ Other _____ Unknown _____

W-11 ELEVATION OF TOP OF EXTERIOR WELL CASING (ft)_____

W-12 ELEVATION OF THE TOP OF THE WELL SCREEN (ft)_____

W-13 ELEVATION OF THE BOTTOM OF WELL SCREEN (ft)_____

W-14 ELEVATION OF GROUND SURFACE AT WELL PIPE (ft)_____

W-15 WELL DEPTH AT INSTALLATION (ft) _____

W-16 GROUND WATER LEVEL AT INSTALLATION (ft) _____

W-17 WELL LOCATION Enter latitude and longitude for each well.

Latitude _____ ____'____.____" Longitude _____ ____'____.____"

W-18 LATITUDE/LONGITUDE METHOD (See Facility Location) ____

W-19 WELL LOCATION MAP Submit a site map indicating approximate locations of each well. (See S-5.)

Routine Monitoring Program Well Information

W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	W-9	W-10	W-11A	W-11B	W-12	W-13	W-14	W-15	W-16
2051	11/17/87	607.4	105	F	STAINLESS STEEL	4	8A	ALL	DOWN	609.96	609.38	85	100	607.4	105	NA
2070	03/24/86	592.1	103	F	PVC	4	8A	ALL	DOWN	594.35	594.22	92.8	102.2	592.1	103	NA
2106	01/31/89	538.9	35	F	STAINLESS STEEL	4	8A	ALL	DOWN	541.07	540.8	15.2	30.2	538.9	35	NA
2398	11/15/91	578.81	75	F	STAINLESS STEEL	4	8A	ALL	DOWN	580.89	580.33	55	70	578.81	75	NA
2417	03/09/92	593	90	F	STAINLESS STEEL	4	8A	ALL	DOWN	595.8	595.45	70	85	593	90	NA
2424	01/06/93	614.4	107	F	STAINLESS STEL	4	8A	ALL	DOWN	616.65	615.94	90	105	614.4	107	NA
2426	02/04/93	598.69	91	F	STAINLESS STEEL	4	8A	ALL	DOWN	600.74	600.27	74	89	598.69	91	NA
2429	07/24/93	600.15	92	F	STAINLESS STEEL	4	8A	ALL	DOWN	602.15	601.8	74	89	600.15	92	NA
2430	10/30/92	593.53	86	F	STAINLESS STEEL	4	8A	ALL	DOWN	595.68	595.11	69	84	593.53	86	NA
2431	12/17/92	592.23	85	F	STAINLESS STEEL	4	8A	ALL	DOWN	594.67	594.2	68	83	592.23	85	NA
2432	01/27/93	603.45	97	F	STAINLESS STEEL	4	8A	ALL	DOWN	605.59	605.14	78	93	603.45	97	NA
2434	09/21/92	574.3	70	F	STAINLESS STEEL	4	8A	ALL	DOWN	576.91	576.51	51.5	66.5	574.3	70	NA
2733	01/06/92	604.9	94	F	STAINLESS STEEL	4	8A	ALL	DOWN	607.86	607.77	77	92	604.9	94	NA
2754	04/22/92	608.33	120	F	STAINLESS STEEL	4	8A	ALL	DOWN	610.33	609.75	85	100	608.33	120	NA
3067	12/07/87	593.4	141.5	F	STAINLESS STEEL	4	8A	ALL	DOWN	595.47	595.15	120	130	593.4	141.5	NA
3069	04/12/88	574.6	136.5	F	STAINLESS STEEL	4	8A	ALL	DOWN	576.57	576.19	115	125	574.6	136.5	NA
3070	02/23/88	591.4	151.5	F	STAINLESS STEEL	4	8A	ALL	DOWN	594.23	593.94	130	140	591.4	151.5	NA
3106	01/18/89	539.1	105	F	STAINLESS STEEL	4	8A	ALL	DOWN	541.36	540.83	77.1	87.1	539.1	105	NA
31217	08/25/93	606.07	170	F	STAINLESS STEEL	4	8A	ALL	DOWN	607.69	607.44	152	162	606.07	170	NA
3398	10/07/92	579.4	150	F	STAINLESS STEEL	4	8A	ALL	DOWN	581.84	581.61	120	130	579.4	150	NA
3417	12/04/92	593.77	147	F	316 STAINLESS STEEL	4	8A	ALL	DOWN	595.73	595.16	135	145	593.77	147	NA
3424	12/21/92	614	172	F	316 STAINLESS STEEL	4	8A	ALL	DOWN	616.75	616.37	160	170	614	172	NA
3426	01/20/93	598.2	157	F	316 STAINLESS STEEL	4	8A	ALL	DOWN	600.34	600.07	145	155	598.2	157	NA
3429	07/23/93	600.35	164	F	STAINLESS STEEL	4	8A	ALL	DOWN	602.75	602.45	152	162	600.35	164	NA
3431	11/24/92	591.6	155	F	316 STAINLESS STEEL	4	8A	ALL	DOWN	594.31	593.82	139.5	149.5	591.6	155	NA
3432	01/11/93	603.76	162	F	STAINLESS STEEL	4	8A	ALL	DOWN	606.05	605.6	150	160	603.76	162	NA
3733	10/28/92	604.5	162	F	STAINLESS STEEL	4	8A	ALL	DOWN	606.71	606.32	150	160	604.5	162	NA
4067	01/20/89	593.3	220.7	F	STAINLESS STEEL	4	8A	ALL	DOWN	595.68	595.09	200	210	593.3	220.7	NA
41217	09/01/93	605.37	237	F	STAINLESS STEEL	4	8A	ALL	DOWN	606.96	606.43	217	227	605.37	237	NA

0057

52117

Routine Monitoring Program Well Information

W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	W-9	W-10	W-11A	W-11B	W-12	W-13	W-14	W-15	W-16
4398	11/03/92	579.1	191	F	316 STAINLESS STEEL	4	8A	ALL DOWN		581.8	581.52	175	185	579.1	191	NA
4424	10/15/92	614	250	F	316 STAINLESS STEEL	4	8A	ALL DOWN		616.23	615.97	230	240	614	250	NA
4426	12/09/92	597.72	227.3	F	STAINLESS STEEL	4	8A	ALL DOWN		600.3	599.82	206	216	597.72	227.3	NA
4432	12/03/92	604.39	213	F	STAINLESS STEEL	4	8A	ALL DOWN		606.14	605.7	193	203	604.39	213	NA

33 rows selected.

0655

5217

Routine Monitoring Program Well Information

W-1	W-17 Latitude	Longitude
2051	39:18:06.7426	-84:40:46.4244
2070	39:17:18.5677	-84:41:00.8436
2106	39:17:11.5072	-84:41:31.7778
2398	39:17:16.8042	-84:41:09.4756
2417	39:17:53.8777	-84:40:50.4288
2424	39:18:14.1535	-84:40:46.6418
2426	39:17:59.0539	-84:40:47.1684
2429	39:17:51.7807	-84:40:45.7932
2430	39:17:48.4609	-84:40:49.4529
2431	39:17:39.6160	-84:40:48.1894
2432	39:17:31.1733	-84:40:47.8348
2434	39:17:14.8957	-84:41:17.4332
2733	39:17:21.9870	-84:40:46.5473
2754	39:18:32.0043	-84:40:44.8455
3067	39:17:48.5215	-84:40:49.5711
3069	39:17:14.9938	-84:41:17.4675
3070	39:17:18.6681	-84:41:00.8842
3106	39:17:11.4856	-84:41:31.6576
31217	39:18:06.8248	-84:40:47.2270
3398	39:17:16.7573	-84:41:09.6193
3417	39:17:53.6957	-84:40:50.4409
3424	39:18:14.3046	-84:40:46.8799
3426	39:17:59.1533	-84:40:47.1785
3429	39:17:51.6851	-84:40:45.7923
3431	39:17:39.7128	-84:40:48.1833
3432	39:17:31.2999	-84:40:47.8129
3733	39:17:21.9494	-84:40:46.7456
4067	39:17:48.6463	-84:40:49.4958

0659

5217

W-1	W-17 Latitude	Longitude
41217	39:18:06.5184	-84:40:47.1902
4398	39:17:16.6971	-84:41:09.5136
4424	39:18:14.2288	-84:40:46.7467
4426	39:17:59.2041	-84:40:47.2867
4432	39:17:31.4029	-84:40:47.7457

0660

33 rows selected.

5217

APPENDIX E

RCRA 1993 THIRD AND FOURTH QUARTER ANALYTICAL RESULTS

Analytical data from the third and fourth quarter of 1993 RCRA sampling collected under the Project Specific Plan for the Routine Monitoring Program are provided in Appendix E.

The Routine Monitoring Program consists of 33 wells which were installed at 14 cluster locations along the FEMP downgradient facility property boundary. Of the 33 wells, the 20 that were installed and ready for sampling in July were sampled for the third quarter. All 33 wells were sampled in September for the fourth quarter sampling event.

The analytical parameter list is provided within the document. This list includes parameters from:

- Groundwater Quality Parameters (OAC 3745-65-92[B][2]/40 CFR 265.92[b][2])
- Groundwater Contamination Parameters (OAC 3745-65-92[B][3]/40 CFR 265.92[b][3])
- Parameters Characterizing the Suitability of Groundwater as a Drinking Water Supply (OAC 3745-81-11[B]/40 CFR 141.11[b])
- Site-Specific Parameters

Non-filtered samples were collected for analysis of inorganic and radiological parameters. This was done so the analytical results could be used in the OU5 risk assessment if necessary.

Analytical results are reported in order of well location, well type, parameter and sample date. Parameters are grouped by the following categories:

- General chemistry
- Metals
- Cyanide
- Pesticides
- Semivolatile organic compounds
- Volatile organic compounds
- Radionuclides

During the third quarter sampling, two parameters were not requested for analysis. The following summarizes the missing results:

Well	Missing Parameters	Sample Quarter	Reason
2733	Technetium-99	3	Not requested
All	Total Organic Nitrogen	3	Not requested

No parameters were missing from the fourth quarter sampling.

During the initial sampling of the Routine Monitoring Program, third quarter of 1993, a Contract Laboratory Program (CLP) Statement of Work (SOW) analysis for semivolatile organic compounds and pesticides was requested. Pesticides and semivolatile organic compounds are not included in the program's regular analytical suite. These analyses were requested in order to determine if the regular analytical suite provides adequate monitoring for the facility property boundary wells.

Vinyl Acetate, a volatile organic compound, is listed in the analytical suite for the Routine Monitoring Program as a contaminant of concern. Although it does not appear in this appendix, the laboratory did perform a library search to determine the possible presence of this compound as specified by contract. However, it was not detected and therefore not reported.

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2754 LOC-1	Alkalinity as CaCO3	07/22/93		-	356	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/24/93		-	231	MG/L	UNFILTERED	NORMAL
	Ammonia	07/22/93		-	.48	MG/L	UNFILTERED	NORMAL
	Ammonia	09/24/93		-	.27	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/22/93		-	482	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/24/93		-	305	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/24/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/22/93		-	661	MG/L	UNFILTERED	NORMAL
	Chloride	09/24/93		-	576	MG/L	UNFILTERED	NORMAL
	Fluoride	07/22/93		-	.52	MG/L	UNFILTERED	NORMAL
	Fluoride	09/24/93		-	.57	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/22/93		J	.9	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/24/93		J	1.31	MG/L	UNFILTERED	NORMAL
	Phenols	07/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/24/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/22/93		-	2740	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/24/93		-	2380	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/22/93		-	148	MG/L	UNFILTERED	NORMAL
	Sulfate	09/24/93		-	256	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/22/93		-	5	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/24/93		-	6	MG/L	UNFILTERED	NORMAL
	Aluminum	07/22/93		-	208000	UG/L	UNFILTERED	NORMAL
	Aluminum	09/24/93		-	5370	UG/L	UNFILTERED	NORMAL
	Antimony	07/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/24/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/22/93	S	-	13.8	UG/L	UNFILTERED	NORMAL
	Arsenic	09/24/93	BN	UJ	4.8	UG/L	UNFILTERED	NORMAL
	Barium	07/22/93		-	1590	UG/L	UNFILTERED	NORMAL
	Barium	09/24/93	B	-	126	UG/L	UNFILTERED	NORMAL
	Beryllium	07/22/93		-	11.6	UG/L	UNFILTERED	NORMAL
	Beryllium	09/24/93	B	-	1.5	UG/L	UNFILTERED	NORMAL
	Cadmium	07/22/93		-	127	UG/L	UNFILTERED	NORMAL
	Cadmium	09/24/93		-	20.5	UG/L	UNFILTERED	NORMAL
	Calcium	07/22/93		-	2820000	UG/L	UNFILTERED	NORMAL
	Calcium	09/24/93		-	353000	UG/L	UNFILTERED	NORMAL
	Chromium	07/22/93		-	7710	UG/L	UNFILTERED	NORMAL
	Chromium	09/24/93		-	213	UG/L	UNFILTERED	NORMAL
	Cobalt	07/22/93		-	305	UG/L	UNFILTERED	NORMAL
	Cobalt	09/24/93		-	53.7	UG/L	UNFILTERED	NORMAL
	Copper	07/22/93		-	726	UG/L	UNFILTERED	NORMAL
	Copper	09/24/93		U	41.9	UG/L	UNFILTERED	NORMAL
	Iron	07/22/93		-	611000	UG/L	UNFILTERED	NORMAL
	Iron	09/24/93		-	13200	UG/L	UNFILTERED	NORMAL
	Lead	07/22/93	S	-	262	UG/L	UNFILTERED	NORMAL
	Lead	09/24/93	S	-	12.9	UG/L	UNFILTERED	NORMAL
	Magnesium	07/22/93		-	818000	UG/L	UNFILTERED	NORMAL
	Magnesium	09/24/93		-	102000	UG/L	UNFILTERED	NORMAL
	Manganese	07/22/93		-	12400	UG/L	UNFILTERED	NORMAL
	Manganese	09/24/93		-	1970	UG/L	UNFILTERED	NORMAL
	Mercury	07/22/93	UN	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/24/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	07/22/93		-	3930	UG/L	UNFILTERED	NORMAL

0664

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2754 LOC-1	Nickel	09/24/93		-	2000	UG/L	UNFILTERED	NORMAL
	Potassium	07/22/93		-	21900	UG/L	UNFILTERED	NORMAL
	Potassium	09/24/93	B	-	3510	UG/L	UNFILTERED	NORMAL
	Selenium	07/22/93	+	J	56.3	UG/L	UNFILTERED	NORMAL
	Selenium	09/24/93	UN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	07/22/93		-	11.1	UG/L	UNFILTERED	NORMAL
	Silver	09/24/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/22/93		-	183000	UG/L	UNFILTERED	NORMAL
	Sodium	09/24/93		-	176000	UG/L	UNFILTERED	NORMAL
	Thallium	07/22/93	UW	U	10	UG/L	UNFILTERED	NORMAL
	Thallium	09/24/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/22/93		-	361	UG/L	UNFILTERED	NORMAL
	Vanadium	09/24/93	B	-	11.3	UG/L	UNFILTERED	NORMAL
	Zinc	07/22/93		-	1180	UG/L	UNFILTERED	NORMAL
	Zinc	09/24/93		-	119	UG/L	UNFILTERED	NORMAL
	Cyanide	07/22/93	UN	UJ	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/22/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2,4,6-Trichlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2754 LOC-1	2,4-Dichlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/22/93	U	UJ	27	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Carbazole	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Chrysene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Fluorene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Isophorone	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Phenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethoxy)methane	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL

9990

- 5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2754 LOC-1	bis(2-Chloroethyl)ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/22/93	BJ	U	2	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/22/93	J	J	7	UG/L	UNFILTERED	NORMAL
	Acetone	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/22/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/24/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0667

5212

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2754 LOC-1	Styrene	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/22/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/24/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/22/93	U	UJ	130	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/24/93	U	UJ	21.5	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/22/93	U	UJ	116	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/24/93		-	68.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/22/93		J	.7	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/24/93		-	3.3	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/22/93	U	U	1.9	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/24/93	U	U	1.9	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/22/93		J	20.6	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/24/93	U	U	12.2	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/22/93		R	17.4306	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/24/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/22/93		R	1.6	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/24/93		U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/22/93		R	3.6	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/24/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/22/93		R	1.9	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/24/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/22/93		J	2.8	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/24/93		-	.6	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/22/93		J	.8	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/24/93		-	1.8	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/24/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/22/93		J	.5	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/24/93		-	1.6	pCi/l	UNFILTERED	NORMAL

0558

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2424 LOC-2	Alkalinity as CaCO3	07/28/93		-	294	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/20/93		-	296	MG/L	UNFILTERED	NORMAL
	Ammonia	07/28/93		-	.29	MG/L	UNFILTERED	NORMAL
	Ammonia	09/20/93		-	.29	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/28/93		-	360	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/20/93		-	390	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/28/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/20/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/28/93		-	26	MG/L	UNFILTERED	NORMAL
	Chloride	09/20/93		-	27	MG/L	UNFILTERED	NORMAL
	Fluoride	07/28/93		-	.4	MG/L	UNFILTERED	NORMAL
	Fluoride	09/20/93		-	.4	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/28/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/20/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/28/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/20/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/28/93		-	869	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/20/93		-	873	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/28/93		-	174	MG/L	UNFILTERED	NORMAL
	Sulfate	09/20/93		-	156	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/28/93		-	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/20/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/28/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/28/93	B	-	72.4	UG/L	UNFILTERED	NORMAL
	Aluminum	09/20/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/28/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/20/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/28/93	UWN	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/20/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Barium	07/28/93	B	-	43.4	UG/L	UNFILTERED	NORMAL
	Barium	09/20/93	B	-	56.7	UG/L	UNFILTERED	NORMAL
	Beryllium	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/20/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/28/93		-	15.5	UG/L	UNFILTERED	NORMAL
	Cadmium	09/20/93	B	-	3.2	UG/L	UNFILTERED	NORMAL
	Calcium	07/28/93		-	126000	UG/L	UNFILTERED	NORMAL
	Calcium	09/20/93		-	122000	UG/L	UNFILTERED	NORMAL
	Chromium	07/28/93	B	-	7.8	UG/L	UNFILTERED	NORMAL
	Chromium	09/20/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/28/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/20/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Copper	07/28/93	B	U	11.6	UG/L	UNFILTERED	NORMAL
	Copper	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/28/93		-	3620	UG/L	UNFILTERED	NORMAL
	Iron	09/20/93		-	3440	UG/L	UNFILTERED	NORMAL
	Lead	07/28/93	B	U	2.9	UG/L	UNFILTERED	NORMAL
	Lead	09/20/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/28/93		-	32000	UG/L	UNFILTERED	NORMAL
	Magnesium	09/20/93		-	33500	UG/L	UNFILTERED	NORMAL
	Manganese	07/28/93		-	299	UG/L	UNFILTERED	NORMAL
	Manganese	09/20/93		-	235	UG/L	UNFILTERED	NORMAL
	Mercury	07/28/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/20/93	U	U	.2	UG/L	UNFILTERED	NORMAL

0669

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2424 LOC-2	Nickel	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/28/93	B	-	1400	UG/L	UNFILTERED	NORMAL
	Potassium	09/20/93	B	U	1860	UG/L	UNFILTERED	NORMAL
	Selenium	07/28/93	UWN	UJ	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/20/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	07/28/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/20/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/28/93		-	11300	UG/L	UNFILTERED	NORMAL
	Sodium	09/20/93		-	10400	UG/L	UNFILTERED	NORMAL
	Thallium	07/28/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/20/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/28/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/28/93		-	22.4	UG/L	UNFILTERED	NORMAL
	Zinc	09/20/93	B	U	12.7	UG/L	UNFILTERED	NORMAL
	Cyanide	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/28/93	U	UJ	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/28/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/28/93	U	UJ	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/28/93	U	U	27	UG/L	UNFILTERED	NORMAL

00170

- 5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2424 LOC-2	2,4,6-Trichlorophenol	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/28/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/28/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/28/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/28/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/28/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/28/93	U	UJ	27	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Anthracene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/28/93	U	UJ	11	UG/L	UNFILTERED	NORMAL
	Carbazole	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Chrysene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Fluorene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Isophorone	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/28/93	U	U	27	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Phenol	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Pyrene	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL

0671

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2424 LOC-2	bis(2-Chloroethoxy)methane	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/28/93	J	U	11	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/28/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/20/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/28/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL

0072

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2424 LOC-2	Styrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/28/93	U	UJ	5	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/20/93		-	3.1	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/28/93	U	UJ	4.8	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/20/93		J	5.1	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/28/93	U	U	.4	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/20/93		-	1.6	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/28/93	U	UJ	3.5	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/20/93	U	U	2	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/28/93	U	U	14.6	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/20/93	U	U	15.7	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/28/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/20/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/28/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/20/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/28/93	U	UJ	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/20/93		-	.6	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/28/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/20/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/28/93		-	2.4	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/20/93		-	1.16	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/28/93		J	1.1	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/20/93		-	.5	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/28/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/20/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/28/93		J	.5	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/20/93		-	.4	pCi/l	UNFILTERED	NORMAL

00713

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3424 LOC-2	Alkalinity as CaCO3	09/20/93		-	432	MG/L	UNFILTERED	NORMAL
	Ammonia	09/20/93		-	2.25	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/20/93		-	610	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/20/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/20/93		-	136	MG/L	UNFILTERED	NORMAL
	Fluoride	09/20/93		-	.54	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/20/93		J	.15	MG/L	UNFILTERED	NORMAL
	Phenols	09/20/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/20/93		-	1370	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/20/93		-	141	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/20/93		-	2	MG/L	UNFILTERED	NORMAL
	Aluminum	09/20/93	B	-	141	UG/L	UNFILTERED	NORMAL
	Antimony	09/20/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/20/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Barium	09/20/93		-	401	UG/L	UNFILTERED	NORMAL
	Beryllium	09/20/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	09/20/93		-	150000	UG/L	UNFILTERED	NORMAL
	Chromium	09/20/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/20/93	B	-	7.7	UG/L	UNFILTERED	NORMAL
	Copper	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	09/20/93		-	5360	UG/L	UNFILTERED	NORMAL
	Lead	09/20/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/20/93		-	52000	UG/L	UNFILTERED	NORMAL
	Manganese	09/20/93		-	130	UG/L	UNFILTERED	NORMAL
	Mercury	09/20/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/20/93	B	U	2650	UG/L	UNFILTERED	NORMAL
	Selenium	09/20/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	09/20/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/20/93		-	60200	UG/L	UNFILTERED	NORMAL
	Thallium	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vanadium	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/20/93	B	U	12.5	UG/L	UNFILTERED	NORMAL
	Cyanide	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL

5217

0071

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3424 LOC-2	Carbon disulfide	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/20/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/20/93	U	U	6.2	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/20/93		-	11.4	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/20/93		-	2.2	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/20/93	U	U	1.8	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/20/93	U	U	13.4	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/20/93		J	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/20/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/20/93		-	.9	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/20/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/20/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/20/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/20/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/20/93		J	.1	pCi/l	UNFILTERED	NORMAL

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4424 LOC-2	Alkalinity as CaCO3	09/20/93		-	482	MG/L	UNFILTERED	NORMAL
	Ammonia	09/20/93		-	4.56	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/20/93		-	604	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/20/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/20/93		-	171	MG/L	UNFILTERED	NORMAL
	Fluoride	09/20/93		-	.39	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/20/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	09/20/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/20/93		-	1520	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/20/93		-	49	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/20/93		-	3	MG/L	UNFILTERED	NORMAL
	Aluminum	09/20/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	09/20/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/20/93	S	-	27.6	UG/L	UNFILTERED	NORMAL
	Barium	09/20/93		-	621	UG/L	UNFILTERED	NORMAL
	Beryllium	09/20/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	09/20/93		-	129000	UG/L	UNFILTERED	NORMAL
	Chromium	09/20/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/20/93	B	-	7.6	UG/L	UNFILTERED	NORMAL
	Copper	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	09/20/93		-	5670	UG/L	UNFILTERED	NORMAL
	Lead	09/20/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/20/93		-	46900	UG/L	UNFILTERED	NORMAL
	Manganese	09/20/93		-	66.4	UG/L	UNFILTERED	NORMAL
	Mercury	09/20/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/20/93	B	U	2680	UG/L	UNFILTERED	NORMAL
	Selenium	09/20/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	09/20/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/20/93		-	74600	UG/L	UNFILTERED	NORMAL
	Thallium	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vanadium	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/20/93		U	26.7	UG/L	UNFILTERED	NORMAL
	Cyanide	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/20/93		U	110	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/20/93	B	U	12	UG/L	UNFILTERED	NORMAL
	Benzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4424 LOC-2	Carbon disulfide	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/20/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/20/93	U	NV	4.8	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/20/93		NV	9.2	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/20/93		J	1.1	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/20/93	U	U	2	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/20/93	U	U	11	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/20/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/20/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/20/93	U	UJ	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/20/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/20/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/20/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/20/93	U	UJ	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/20/93		J	.1	pCi/l	UNFILTERED	NORMAL

0077

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2051 LOC-3	Alkalinity as CaCO3	07/22/93		-	258	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/20/93		-	291	MG/L	UNFILTERED	NORMAL
	Ammonia	07/22/93		U	.1	MG/L	UNFILTERED	NORMAL
	Ammonia	09/20/93		-	.08	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/22/93		-	336	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/20/93		-	342	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/20/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/22/93		-	24	MG/L	UNFILTERED	NORMAL
	Chloride	09/20/93		-	25	MG/L	UNFILTERED	NORMAL
	Fluoride	07/22/93		-	.28	MG/L	UNFILTERED	NORMAL
	Fluoride	09/20/93		-	.3	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/22/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/20/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/20/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phosphorus	07/22/93	U	U	.1	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/22/93		-	764	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/20/93		-	902	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/22/93		-	136	MG/L	UNFILTERED	NORMAL
	Sulfate	09/20/93		-	149	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/22/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/20/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/22/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/22/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/20/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/20/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/22/93	UW	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/20/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Barium	07/22/93	B	-	51	UG/L	UNFILTERED	NORMAL
	Barium	09/20/93	B	-	62.5	UG/L	UNFILTERED	NORMAL
	Beryllium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/20/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/22/93		-	124000	UG/L	UNFILTERED	NORMAL
	Calcium	09/20/93		-	117000	UG/L	UNFILTERED	NORMAL
	Chromium	07/22/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/20/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/20/93	B	-	7.6	UG/L	UNFILTERED	NORMAL
	Copper	07/22/93	B	U	7.7	UG/L	UNFILTERED	NORMAL
	Copper	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/22/93		-	2660	UG/L	UNFILTERED	NORMAL
	Iron	09/20/93		-	2900	UG/L	UNFILTERED	NORMAL
	Lead	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Lead	09/20/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/22/93		-	28000	UG/L	UNFILTERED	NORMAL
	Magnesium	09/20/93		-	29200	UG/L	UNFILTERED	NORMAL
	Manganese	07/22/93		-	263	UG/L	UNFILTERED	NORMAL
	Manganese	09/20/93		-	237	UG/L	UNFILTERED	NORMAL
	Mercury	07/22/93	UN	U	.2	UG/L	UNFILTERED	NORMAL

0178

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2051 LOC-3	Mercury	09/20/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/22/93	B	-	1970	UG/L	UNFILTERED	NORMAL
	Potassium	09/20/93	B	U	2560	UG/L	UNFILTERED	NORMAL
	Selenium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/20/93	UN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	07/22/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/20/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/22/93		-	9590	UG/L	UNFILTERED	NORMAL
	Sodium	09/20/93		-	12600	UG/L	UNFILTERED	NORMAL
	Thallium	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/20/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Zinc	09/20/93	B	U	7.7	UG/L	UNFILTERED	NORMAL
	Cyanide	07/22/93	UN	UJ	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Endrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/22/93	U	U	.51	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/22/93	U	U	5.1	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

- 5217

0079

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2051 LOC-3	2,4,5-Trichlorophenol	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	2,4,6-Trichlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/22/93	U	R	26	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/22/93	U	UJ	26	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2051 LOC-3	Pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethoxy)methane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/22/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/20/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/22/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0081

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2051 LOC-3	Methylene chloride	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/22/93	U	UJ	2.9	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/20/93	U	U	3.1	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/22/93		-	21.1	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/20/93		-	4.2	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/22/93		-	.8	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/20/93		-	1.4	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/22/93	U	U	2	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/20/93	U	U	1.8	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/22/93	U	J	12.9	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/20/93	U	U	14.9	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/22/93	U	U	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/20/93		J	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/20/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/22/93	U	UJ	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/20/93		-	.6	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/20/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/22/93		-	5	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/20/93		-	.55	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/22/93		J	.6	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/20/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/20/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/22/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/20/93		J	.3	pCi/l	UNFILTERED	NORMAL

0682

- 5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
31217 LOC-3	Alkalinity as CaCO3	09/23/93		-	404	MG/L	UNFILTERED	NORMAL
	Ammonia	09/23/93		-	.75	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/23/93		-	525	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/23/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/23/93		-	80	MG/L	UNFILTERED	NORMAL
	Fluoride	09/23/93		-	.22	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/23/93		J	.04	MG/L	UNFILTERED	NORMAL
	Phenols	09/23/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/23/93		-	1470	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/23/93		-	229	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/23/93		-	1	MG/L	UNFILTERED	NORMAL
	Aluminum	09/23/93	U	UJ	20	UG/L	UNFILTERED	NORMAL
	Antimony	09/23/93	U	UJ	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/23/93	BWN	UJ	5.1	UG/L	UNFILTERED	NORMAL
	Barium	09/23/93	B	J	145	UG/L	UNFILTERED	NORMAL
	Beryllium	09/23/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/23/93	U	UJ	3	UG/L	UNFILTERED	NORMAL
	Calcium	09/23/93		J	171000	UG/L	UNFILTERED	NORMAL
	Chromium	09/23/93	U	UJ	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/23/93	B	UJ	7.1	UG/L	UNFILTERED	NORMAL
	Copper	09/23/93	U	UJ	3	UG/L	UNFILTERED	NORMAL
	Iron	09/23/93		J	4800	UG/L	UNFILTERED	NORMAL
	Lead	09/23/93	UW	UJ	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/23/93		J	46800	UG/L	UNFILTERED	NORMAL
	Manganese	09/23/93		J	181	UG/L	UNFILTERED	NORMAL
	Mercury	09/23/93	U	UJ	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/23/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/23/93	B	J	4060	UG/L	UNFILTERED	NORMAL
	Selenium	09/23/93	BN	J	2.4	UG/L	UNFILTERED	NORMAL
	Silver	09/23/93	U	UJ	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/23/93		J	45800	UG/L	UNFILTERED	NORMAL
	Thallium	09/23/93	UW	UJ	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/23/93	U	UJ	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/23/93	B	UJ	10.8	UG/L	UNFILTERED	NORMAL
	Cyanide	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/23/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/23/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL

0083

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
31217 LOC-3	Carbon disulfide	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/23/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/23/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/23/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/23/93	U	UJ	6	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/23/93		-	11.5	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/23/93	U	U	.7	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/23/93	U	U	2.1	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/23/93	U	U	12.3	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/23/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/23/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/23/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/23/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/23/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/23/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/23/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/23/93		J	.2	pCi/l	UNFILTERED	NORMAL

0584

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
41217 LOC-3	Alkalinity as CaCO3	09/23/93		-	445	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/23/93		-	437	MG/L	UNFILTERED	DUPLICATE
	Ammonia	09/23/93		-	3.29	MG/L	UNFILTERED	NORMAL
	Ammonia	09/23/93		-	3.07	MG/L	UNFILTERED	DUPLICATE
	Bicarbonate Alkalinity	09/23/93		-	573	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/23/93		-	542	MG/L	UNFILTERED	DUPLICATE
	Carbonate Alkalinity	09/23/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/23/93	U	U	3	MG/L	UNFILTERED	DUPLICATE
	Chloride	09/23/93		-	190	MG/L	UNFILTERED	NORMAL
	Chloride	09/23/93		-	188	MG/L	UNFILTERED	DUPLICATE
	Fluoride	09/23/93		-	.58	MG/L	UNFILTERED	NORMAL
	Fluoride	09/23/93		-	.59	MG/L	UNFILTERED	DUPLICATE
	Nitrate/Nitrite	09/23/93		J	.02	MG/L	UNFILTERED	DUPLICATE
	Nitrate/Nitrite	09/23/93		-	.04	MG/L	UNFILTERED	NORMAL
	Phenols	09/23/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/23/93	U	R	.01	MG/L	UNFILTERED	DUPLICATE
	Specific Conductivity	09/23/93		-	1680	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/23/93		-	1840	UMHOS/CM	UNFILTERED	DUPLICATE
	Sulfate	09/23/93		-	224	MG/L	UNFILTERED	NORMAL
	Sulfate	09/23/93		-	206	MG/L	UNFILTERED	DUPLICATE
	Total Organic Carbon	09/23/93		-	2	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/23/93		-	2	MG/L	UNFILTERED	DUPLICATE
	Aluminum	09/23/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/23/93	U	U	20	UG/L	UNFILTERED	DUPLICATE
	Antimony	09/23/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/23/93	U	U	30	UG/L	UNFILTERED	DUPLICATE
	Arsenic	09/23/93	BN	UJ	6.6	UG/L	UNFILTERED	NORMAL
	Arsenic	09/23/93	BN	UJ	7	UG/L	UNFILTERED	DUPLICATE
	Barium	09/23/93		-	555	UG/L	UNFILTERED	NORMAL
	Barium	09/23/93		-	555	UG/L	UNFILTERED	DUPLICATE
	Beryllium	09/23/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/23/93	U	U	1	UG/L	UNFILTERED	DUPLICATE
	Cadmium	09/23/93	B	-	3.7	UG/L	UNFILTERED	NORMAL
	Cadmium	09/23/93	B	-	3	UG/L	UNFILTERED	DUPLICATE
	Calcium	09/23/93		-	183000	UG/L	UNFILTERED	NORMAL
	Calcium	09/23/93		-	190000	UG/L	UNFILTERED	DUPLICATE
	Chromium	09/23/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/23/93	U	U	6	UG/L	UNFILTERED	DUPLICATE
	Cobalt	09/23/93	B	U	5.2	UG/L	UNFILTERED	NORMAL
	Cobalt	09/23/93	B	U	9.5	UG/L	UNFILTERED	DUPLICATE
	Copper	09/23/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Copper	09/23/93	U	U	3	UG/L	UNFILTERED	DUPLICATE
	Iron	09/23/93		-	7670	UG/L	UNFILTERED	DUPLICATE
	Iron	09/23/93		-	7320	UG/L	UNFILTERED	NORMAL
	Lead	09/23/93	UW	UJ	2	UG/L	UNFILTERED	DUPLICATE
	Lead	09/23/93	UW	UJ	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/23/93		-	66000	UG/L	UNFILTERED	DUPLICATE
	Magnesium	09/23/93		-	64200	UG/L	UNFILTERED	NORMAL
	Manganese	09/23/93		-	135	UG/L	UNFILTERED	DUPLICATE
	Manganese	09/23/93		-	126	UG/L	UNFILTERED	NORMAL
	Mercury	09/23/93	U	U	.2	UG/L	UNFILTERED	DUPLICATE
	Mercury	09/23/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/23/93	B	-	10.6	UG/L	UNFILTERED	DUPLICATE

0085

- 5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
41217 LOC-3	Nickel	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/23/93	B	U	1940	UG/L	UNFILTERED	NORMAL
	Potassium	09/23/93	B	U	2220	UG/L	UNFILTERED	DUPLICATE
	Selenium	09/23/93	BN	J	2.8	UG/L	UNFILTERED	NORMAL
	Selenium	09/23/93	BN	J	3.2	UG/L	UNFILTERED	DUPLICATE
	Silver	09/23/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/23/93	U	U	4	UG/L	UNFILTERED	DUPLICATE
	Sodium	09/23/93		-	52800	UG/L	UNFILTERED	NORMAL
	Sodium	09/23/93		-	54100	UG/L	UNFILTERED	DUPLICATE
	Thallium	09/23/93	UW	UJ	2	UG/L	UNFILTERED	DUPLICATE
	Thallium	09/23/93	UW	UJ	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/23/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/23/93	U	U	3	UG/L	UNFILTERED	DUPLICATE
	Zinc	09/23/93	B	U	6.3	UG/L	UNFILTERED	NORMAL
	Zinc	09/23/93	B	U	11.4	UG/L	UNFILTERED	DUPLICATE
	Cyanide	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,1-Trichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,1-Trichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,2,2-Tetrachloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,2-Trichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1-Dichloroethene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,2-Dichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,2-Dichloroethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,2-Dichloroethene (Total)	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Butanone	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/23/93	J	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Hexanone	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Hexanone	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/23/93	U	UJ	10	UG/L	UNFILTERED	DUPLICATE
	4-Methyl-2-pentanone	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/23/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/23/93	J	U	10	UG/L	UNFILTERED	DUPLICATE
	Benzene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Bromodichloromethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Bromoform	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Bromomethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Carbon disulfide	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Chlorobenzene	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
41217 LOC-3	Chlorobenzene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/23/93	U	UJ	10	UG/L	UNFILTERED	DUPLICATE
	Chloroethane	09/23/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Chloroform	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/23/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/23/93	U	UJ	10	UG/L	UNFILTERED	DUPLICATE
	Dibromochloromethane	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Ethylbenzene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Methylene chloride	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Methylene chloride	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Tetrachloroethene	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Tetrachloroethene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Toluene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Trichloroethene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/23/93	U	UJ	10	UG/L	UNFILTERED	DUPLICATE
	Vinyl chloride	09/23/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	cis-1,3-Dichloropropene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/23/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	trans-1,3-Dichloropropene	09/23/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/23/93	U	UJ	7.7	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/23/93	U	UJ	6	pCi/l	UNFILTERED	DUPLICATE
	Gross Beta	09/23/93		-	7.4	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/23/93		-	10.6	pCi/l	UNFILTERED	DUPLICATE
	Radium-226	09/23/93	U	U	.8	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/23/93	U	U	.9	pCi/l	UNFILTERED	DUPLICATE
	Radium-228	09/23/93	U	U	1.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/23/93	U	U	1.8	pCi/l	UNFILTERED	DUPLICATE
	Technetium-99	09/23/93	U	U	11.4	pCi/l	UNFILTERED	DUPLICATE
	Technetium-99	09/23/93	U	U	11.8	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/23/93	U	U	1.8348	UG/L	UNFILTERED	DUPLICATE
	Thorium, Total	09/23/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/23/93		J	.1	pCi/l	UNFILTERED	DUPLICATE
	Thorium-228	09/23/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/23/93	U	UJ	.4	pCi/l	UNFILTERED	DUPLICATE
	Thorium-230	09/23/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/23/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/23/93	U	U	.2	pCi/l	UNFILTERED	DUPLICATE
	Uranium, Total	09/23/93		-	.2	ug/L	UNFILTERED	DUPLICATE
	Uranium, Total	09/23/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/23/93		J	.2	pCi/l	UNFILTERED	DUPLICATE
	Uranium-234	09/23/93		-	.6	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/23/93	U	U	.1	pCi/l	UNFILTERED	DUPLICATE
	Uranium-235/236	09/23/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/23/93		J	.1	pCi/l	UNFILTERED	DUPLICATE
	Uranium-238	09/23/93		-	.7	pCi/l	UNFILTERED	NORMAL

0087

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2426 LOC-4	Alkalinity as CaCO3	07/28/93		-	292	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/22/93		-	276	MG/L	UNFILTERED	NORMAL
	Ammonia	07/28/93		-	.06	MG/L	UNFILTERED	NORMAL
	Ammonia	09/22/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/28/93		-	351	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/22/93		-	372	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/28/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/22/93	U	-	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/28/93		-	23	MG/L	UNFILTERED	NORMAL
	Chloride	09/22/93		-	23	MG/L	UNFILTERED	NORMAL
	Fluoride	07/28/93		-	.22	MG/L	UNFILTERED	NORMAL
	Fluoride	09/22/93		-	.23	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/28/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/22/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/28/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/28/93		-	858	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/22/93		-	998	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/28/93		-	181	MG/L	UNFILTERED	NORMAL
	Sulfate	09/22/93		-	157	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/28/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/22/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/28/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/28/93	B	-	61.7	UG/L	UNFILTERED	NORMAL
	Aluminum	09/22/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/28/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/28/93	UWN	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/22/93	BWN	UJ	3.9	UG/L	UNFILTERED	NORMAL
	Barium	07/28/93	B	-	58.7	UG/L	UNFILTERED	NORMAL
	Barium	09/22/93	B	-	59.2	UG/L	UNFILTERED	NORMAL
	Beryllium	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/28/93		-	11.5	UG/L	UNFILTERED	NORMAL
	Cadmium	09/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/28/93		-	128000	UG/L	UNFILTERED	NORMAL
	Calcium	09/22/93		-	127000	UG/L	UNFILTERED	NORMAL
	Chromium	07/28/93		-	11.8	UG/L	UNFILTERED	NORMAL
	Chromium	09/22/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/28/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/22/93	B	U	5.8	UG/L	UNFILTERED	NORMAL
	Copper	07/28/93	B	U	13.4	UG/L	UNFILTERED	NORMAL
	Copper	09/22/93	B	U	3.9	UG/L	UNFILTERED	NORMAL
	Iron	07/28/93		-	3260	UG/L	UNFILTERED	NORMAL
	Iron	09/22/93		-	2280	UG/L	UNFILTERED	NORMAL
	Lead	07/28/93		U	4.4	UG/L	UNFILTERED	NORMAL
	Lead	09/22/93	B	-	2.3	UG/L	UNFILTERED	NORMAL
	Magnesium	07/28/93		-	31100	UG/L	UNFILTERED	NORMAL
	Magnesium	09/22/93		-	30700	UG/L	UNFILTERED	NORMAL
	Manganese	07/28/93		-	407	UG/L	UNFILTERED	NORMAL
	Manganese	09/22/93		-	428	UG/L	UNFILTERED	NORMAL
	Mercury	07/28/93	U	U	.2	UG/L	UNFILTERED	NORMAL

0088

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2426 LOC-4	Mercury	09/22/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	07/28/93	B	-	11.6	UG/L	UNFILTERED	NORMAL
	Nickel	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/28/93	B	-	2080	UG/L	UNFILTERED	NORMAL
	Potassium	09/22/93	B	U	2750	UG/L	UNFILTERED	NORMAL
	Selenium	07/28/93	UWN	UJ	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/22/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	07/28/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/22/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/28/93		-	10400	UG/L	UNFILTERED	NORMAL
	Sodium	09/22/93		-	10900	UG/L	UNFILTERED	NORMAL
	Thallium	07/28/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/28/93	B	-	3.1	UG/L	UNFILTERED	NORMAL
	Vanadium	09/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/28/93		-	47	UG/L	UNFILTERED	NORMAL
	Zinc	09/22/93	B	U	14.4	UG/L	UNFILTERED	NORMAL
	Cyanide	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/28/93	U	UJ	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/28/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/28/93	U	UJ	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL

5217

6890

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2426 LOC-4	2,4,5-Trichlorophenol	07/28/93	U	U	24	UG/L	UNFILTERED	NORMAL
	2,4,6-Trichlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/28/93	U	R	24	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/28/93	U	U	24	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/28/93	U	U	24	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/28/93	U	U	24	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/28/93	U	U	24	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/28/93	U	U	24	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/28/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/28/93	U	U	24	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2426 LOC-4	Pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethoxy)methane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/28/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/28/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/22/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL

0091

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2426 LOC-4	Methylene chloride	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/28/93	U	UJ	4.6	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/22/93	U	UJ	3.7	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/28/93	U	UJ	5.8	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/22/93	U	U	3.7	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/28/93		J	.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/22/93	U	U	.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/28/93	U	UJ	3.4	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/22/93	U	U	2.1	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/28/93	U	U	12.6	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/22/93	U	U	12.4	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/28/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/22/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/28/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/28/93	U	UJ	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/22/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/28/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/28/93		-	2	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/22/93		-	1.7	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/28/93		J	.7	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/28/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/28/93		J	.7	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/22/93		J	.2	pCi/l	UNFILTERED	NORMAL

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3426 LOC-4	Alkalinity as CaCO3	09/22/93		-	270	MG/L	UNFILTERED	NORMAL
	Ammonia	09/22/93		-	1.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/22/93		-	378	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/22/93		-	33	MG/L	UNFILTERED	NORMAL
	Fluoride	09/22/93		-	.32	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/22/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	09/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/22/93		-	849	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/22/93		-	84	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/22/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	09/22/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	09/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/22/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Barium	09/22/93		-	208	UG/L	UNFILTERED	NORMAL
	Beryllium	09/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/22/93	B	-	3.4	UG/L	UNFILTERED	NORMAL
	Calcium	09/22/93		-	101000	UG/L	UNFILTERED	NORMAL
	Chromium	09/22/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/22/93	B	U	6.1	UG/L	UNFILTERED	NORMAL
	Copper	09/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	09/22/93		-	3400	UG/L	UNFILTERED	NORMAL
	Lead	09/22/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/22/93		-	29700	UG/L	UNFILTERED	NORMAL
	Manganese	09/22/93		-	88.8	UG/L	UNFILTERED	NORMAL
	Mercury	09/22/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/22/93	B	U	1530	UG/L	UNFILTERED	NORMAL
	Selenium	09/22/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	09/22/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/22/93		-	12100	UG/L	UNFILTERED	NORMAL
	Thallium	09/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/22/93	B	U	14.8	UG/L	UNFILTERED	NORMAL
	Cyanide	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/22/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0033

5212

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3426 LOC-4	Carbon disulfide	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/22/93	U	UJ	2.8	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/22/93	U	U	3.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/22/93	U	U	.9	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/22/93	U	U	1.6	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/22/93	U	U	13.4	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/22/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/22/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/22/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/22/93		J	.1	pCi/l	UNFILTERED	NORMAL

0094

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4426 LOC-4	Alkalinity as CaCO3	07/27/93		-	378	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/22/93		-	404	MG/L	UNFILTERED	NORMAL
	Ammonia	07/27/93		-	2.79	MG/L	UNFILTERED	NORMAL
	Ammonia	09/22/93		-	2.72	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/27/93		-	470	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/22/93		-	494	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/27/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/27/93		-	166	MG/L	UNFILTERED	NORMAL
	Chloride	09/22/93		-	90	MG/L	UNFILTERED	NORMAL
	Fluoride	07/27/93		-	.41	MG/L	UNFILTERED	NORMAL
	Fluoride	09/22/93		-	.45	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/27/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/22/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/27/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/27/93		-	1450	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/22/93		-	1670	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/27/93		-	172	MG/L	UNFILTERED	NORMAL
	Sulfate	09/22/93		-	162	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/27/93		-	2	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/22/93		-	2	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/27/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/27/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/22/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/27/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/27/93	WN	J	11.9	UG/L	UNFILTERED	NORMAL
	Arsenic	09/22/93	WN	UJ	11.4	UG/L	UNFILTERED	NORMAL
	Barium	07/27/93		-	538	UG/L	UNFILTERED	NORMAL
	Barium	09/22/93		-	584	UG/L	UNFILTERED	NORMAL
	Beryllium	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/27/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/27/93		-	170000	UG/L	UNFILTERED	NORMAL
	Calcium	09/22/93		-	174000	UG/L	UNFILTERED	NORMAL
	Chromium	07/27/93	B	-	7.6	UG/L	UNFILTERED	NORMAL
	Chromium	09/22/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/27/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/22/93	B	U	6.4	UG/L	UNFILTERED	NORMAL
	Copper	07/27/93	B	U	11	UG/L	UNFILTERED	NORMAL
	Copper	09/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/27/93		-	7580	UG/L	UNFILTERED	NORMAL
	Iron	09/22/93		-	7180	UG/L	UNFILTERED	NORMAL
	Lead	07/27/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Lead	09/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/27/93		-	53500	UG/L	UNFILTERED	NORMAL
	Magnesium	09/22/93		-	55400	UG/L	UNFILTERED	NORMAL
	Manganese	07/27/93		-	79.1	UG/L	UNFILTERED	NORMAL
	Manganese	09/22/93		-	82	UG/L	UNFILTERED	NORMAL
	Mercury	07/27/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/22/93	U	U	.2	UG/L	UNFILTERED	NORMAL

0695

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4426 LOC-4	Nickel	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/27/93	B	-	1530	UG/L	UNFILTERED	NORMAL
	Potassium	09/22/93	B	U	1940	UG/L	UNFILTERED	NORMAL
	Selenium	07/27/93	UWN	UJ	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/22/93	BWN	J	2.4	UG/L	UNFILTERED	NORMAL
	Silver	07/27/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/22/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/27/93		-	34700	UG/L	UNFILTERED	NORMAL
	Sodium	09/22/93		-	35900	UG/L	UNFILTERED	NORMAL
	Thallium	07/27/93	UW	UJ	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/22/93	UW	UJ	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/27/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/27/93	B	-	8.4	UG/L	UNFILTERED	NORMAL
	Zinc	09/22/93	B	U	12	UG/L	UNFILTERED	NORMAL
	Cyanide	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/27/93	U	UJ	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/27/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/27/93	U	UJ	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL

0096

5212

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4426 LOC-4	2,4,6-Trichlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/27/93	U	UJ	26	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/27/93		-	20	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL

0597

0 5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4426 LOC-4	bis(2-Chloroethoxy)methane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/27/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/22/93	J	UJ	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/27/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/22/93		J	12	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4426 LOC-4	Styrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/27/93	U	UJ	6.8	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/22/93	U	UJ	6	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/27/93	U	UJ	8.4	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/22/93		-	8.2	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/27/93		-	1.1	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/22/93		-	1.2	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/27/93	U	UJ	3.4	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/22/93		-	3.1	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/27/93	U	U	13.4	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/22/93	U	U	12.5	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/27/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/22/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/27/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/27/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/22/93		J	.5	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/27/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/27/93		-	.3	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/22/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/27/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/27/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/27/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/22/93		J	.1	pCi/l	UNFILTERED	NORMAL

0699

- 5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2417 IOC-5	Alkalinity as CaCO3	07/27/93		-	248	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/17/93		-	277	MG/L	UNFILTERED	NORMAL
	Ammonia	07/27/93		-	.1	MG/L	UNFILTERED	NORMAL
	Ammonia	09/17/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/27/93		-	323	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/17/93		-	354	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/27/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/17/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/27/93		-	17	MG/L	UNFILTERED	NORMAL
	Chloride	09/17/93		-	19	MG/L	UNFILTERED	NORMAL
	Fluoride	07/27/93		-	.18	MG/L	UNFILTERED	NORMAL
	Fluoride	09/17/93		-	.19	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/27/93		J	.03	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/17/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/27/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/17/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/27/93		-	944	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/17/93		-	805	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/27/93		-	246	MG/L	UNFILTERED	NORMAL
	Sulfate	09/17/93		-	161	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/27/93		-	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/17/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/27/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/27/93	B	-	149	UG/L	UNFILTERED	NORMAL
	Aluminum	09/17/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/27/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/17/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/27/93	UWN	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/17/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Barium	07/27/93	B	-	50.5	UG/L	UNFILTERED	NORMAL
	Barium	09/17/93	B	-	61.7	UG/L	UNFILTERED	NORMAL
	Beryllium	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/17/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/27/93	B	-	3.8	UG/L	UNFILTERED	NORMAL
	Cadmium	09/17/93	B	-	4	UG/L	UNFILTERED	NORMAL
	Calcium	07/27/93		-	157000	UG/L	UNFILTERED	NORMAL
	Calcium	09/17/93		-	130000	UG/L	UNFILTERED	NORMAL
	Chromium	07/27/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/17/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/27/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/17/93	B	-	9.3	UG/L	UNFILTERED	NORMAL
	Copper	07/27/93	B	U	10.3	UG/L	UNFILTERED	NORMAL
	Copper	09/17/93	B	U	5.9	UG/L	UNFILTERED	NORMAL
	Iron	07/27/93		-	3720	UG/L	UNFILTERED	NORMAL
	Iron	09/17/93		U	2080	UG/L	UNFILTERED	NORMAL
	Lead	07/27/93		U	3.1	UG/L	UNFILTERED	NORMAL
	Lead	09/17/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/27/93		-	25400	UG/L	UNFILTERED	NORMAL
	Magnesium	09/17/93		-	23400	UG/L	UNFILTERED	NORMAL
	Manganese	07/27/93		-	540	UG/L	UNFILTERED	NORMAL
	Manganese	09/17/93		-	415	UG/L	UNFILTERED	NORMAL
	Mercury	07/27/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/17/93	U	U	.2	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2417 LOC-5	Nickel	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/27/93	B	-	2190	UG/L	UNFILTERED	NORMAL
	Potassium	09/17/93	B	U	2790	UG/L	UNFILTERED	NORMAL
	Selenium	07/27/93	UN	UJ	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/17/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	07/27/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/17/93	B	U	4.6	UG/L	UNFILTERED	NORMAL
	Sodium	07/27/93		-	8940	UG/L	UNFILTERED	NORMAL
	Sodium	09/17/93		-	9950	UG/L	UNFILTERED	NORMAL
	Thallium	07/27/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/17/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/27/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/27/93	B	-	8.8	UG/L	UNFILTERED	NORMAL
	Zinc	09/17/93	B	U	10.4	UG/L	UNFILTERED	NORMAL
	Cyanide	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/27/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/27/93	U	UJ	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/27/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Endrin	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/27/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/27/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/27/93	U	U	.51	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/27/93	U	UJ	5.1	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/27/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/27/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/27/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/27/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/27/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/27/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL

0401

5917

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2417 LOC-5	2,4,6-Trichlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/27/93	U	UJ	25	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/27/93		-	53	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2417 LOC-5	bis(2-Chloroethoxy)methane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/27/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/17/93	J	U	5	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/17/93		UJ	18	UG/L	UNFILTERED	NORMAL
	Benzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/27/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL

0 5217

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2417 LOC-5	Styrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/27/93	U	UJ	5.9	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/17/93		J	2.6	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/27/93	U	UJ	6.5	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/17/93		-	5.8	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/27/93		-	.5	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/17/93	U	U	.7	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/27/93	U	U	2.6	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/17/93	U	U	2.7	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/27/93	U	U	13.9	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/17/93	U	U	16.5	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/27/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/17/93	U	U	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/27/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/17/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/27/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/17/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/27/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/17/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/27/93		-	3.5	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/17/93		-	2.07	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/27/93		J	1	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/17/93		J	1.5	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/27/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/17/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/27/93		J	.8	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/17/93		-	.6	pCi/l	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3417 LOC-5	Alkalinity as CaCO3	09/17/93		-	247	MG/L	UNFILTERED	NORMAL
	Ammonia	09/17/93		-	.5	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/17/93		-	342	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/17/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/17/93		-	20	MG/L	UNFILTERED	NORMAL
	Fluoride	09/17/93		-	.19	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/17/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	09/17/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/17/93		-	699	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/17/93		-	73	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/17/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	09/17/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	09/17/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/17/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Barium	09/17/93	B	-	113	UG/L	UNFILTERED	NORMAL
	Beryllium	09/17/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	09/17/93		-	86700	UG/L	UNFILTERED	NORMAL
	Chromium	09/17/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/17/93	B	-	6.4	UG/L	UNFILTERED	NORMAL
	Copper	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	09/17/93		-	2510	UG/L	UNFILTERED	NORMAL
	Lead	09/17/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/17/93		-	22800	UG/L	UNFILTERED	NORMAL
	Manganese	09/17/93		-	171	UG/L	UNFILTERED	NORMAL
	Mercury	09/17/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/17/93	B	U	1650	UG/L	UNFILTERED	NORMAL
	Selenium	09/17/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	09/17/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/17/93		-	8830	UG/L	UNFILTERED	NORMAL
	Thallium	09/17/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/17/93	B	U	13.5	UG/L	UNFILTERED	NORMAL
	Cyanide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/17/93	J	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/17/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL

0105

52132

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3417 LOC-5	Carbon disulfide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/17/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/17/93	U	NV	3.8	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/17/93	U	NV	3.3	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/17/93	U	UJ	.6	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/17/93	U	U	2.1	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/17/93	U	U	11.9	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/17/93		J	5.5044	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/17/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/17/93		J	.7	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/17/93		J	.6	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/17/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/17/93	U	R	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235	09/17/93	U	R	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/17/93	U	R	.2	pCi/l	UNFILTERED	NORMAL

0706

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2429 LOC-6	Alkalinity as CaCO3	09/21/93		-	261	MG/L	UNFILTERED	NORMAL
	Ammonia	09/21/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/21/93		-	342	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/21/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/21/93		-	20	MG/L	UNFILTERED	NORMAL
	Fluoride	09/21/93		-	.21	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/21/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	09/21/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/21/93		-	878	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/21/93		-	127	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/21/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	09/21/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	09/21/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/21/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Barium	09/21/93	B	-	58.3	UG/L	UNFILTERED	NORMAL
	Beryllium	09/21/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/21/93		-	9.4	UG/L	UNFILTERED	NORMAL
	Calcium	09/21/93		-	113000	UG/L	UNFILTERED	NORMAL
	Chromium	09/21/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/21/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Copper	09/21/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	09/21/93		-	2370	UG/L	UNFILTERED	NORMAL
	Lead	09/21/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/21/93		-	29600	UG/L	UNFILTERED	NORMAL
	Manganese	09/21/93		-	282	UG/L	UNFILTERED	NORMAL
	Mercury	09/21/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/21/93	B	U	1770	UG/L	UNFILTERED	NORMAL
	Selenium	09/21/93	UNW	U	2	UG/L	UNFILTERED	NORMAL
	Silver	09/21/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/21/93		-	7480	UG/L	UNFILTERED	NORMAL
	Thallium	09/21/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/21/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/21/93		U	24.4	UG/L	UNFILTERED	NORMAL
	Cyanide	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/21/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL

0107

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2429 LOC-6	Carbon disulfide	09/21/93	J	J	2	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/21/93	U	U	3.7	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/21/93		-	9.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/21/93	U	U	.7	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/21/93	U	U	2.4	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/21/93	U	U	14.7	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/21/93	U	J	2.7522	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/21/93	U	J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/21/93		-	2.8	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/21/93	U	J	.3	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/21/93		-	.92	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/21/93		-	.5	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/21/93	U	J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/21/93		-	.5	pCi/l	UNFILTERED	NORMAL

0108

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3429 LOC-6	Alkalinity as CaCO3	09/21/93		-	243	MG/L	UNFILTERED	NORMAL
	Ammonia	09/21/93		-	.73	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/21/93		-	366	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/21/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/21/93		-	20	MG/L	UNFILTERED	NORMAL
	Fluoride	09/21/93		-	.18	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/21/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	09/21/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/21/93		-	722	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/21/93		-	74	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/21/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	09/21/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	09/21/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/21/93	UN	U	2	UG/L	UNFILTERED	NORMAL
	Barium	09/21/93	B	-	135	UG/L	UNFILTERED	NORMAL
	Beryllium	09/21/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/21/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	09/21/93		-	84500	UG/L	UNFILTERED	NORMAL
	Chromium	09/21/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/21/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Copper	09/21/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	09/21/93		-	2580	UG/L	UNFILTERED	NORMAL
	Lead	09/21/93	B	-	2.8	UG/L	UNFILTERED	NORMAL
	Magnesium	09/21/93		-	23400	UG/L	UNFILTERED	NORMAL
	Manganese	09/21/93		-	160	UG/L	UNFILTERED	NORMAL
	Mercury	09/21/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/21/93	B	U	1400	UG/L	UNFILTERED	NORMAL
	Selenium	09/21/93	UWN	UJ	2	UG/L	UNFILTERED	NORMAL
	Silver	09/21/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/21/93		-	10000	UG/L	UNFILTERED	NORMAL
	Thallium	09/21/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/21/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/21/93	B	U	17.8	UG/L	UNFILTERED	NORMAL
	Cyanide	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/21/93	J	U	5	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/21/93	J	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/21/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3429 LOC-6	Carbon disulfide	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/21/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/21/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/21/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/21/93	U	NV	3.8	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/21/93	U	NV	3.5	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/21/93	U	UJ	.6	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/21/93	U	U	2.2	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/21/93	U	U	12.4	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/21/93		J	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/21/93	U	UJ	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/21/93		J	.5	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/21/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/21/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/21/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/21/93	U	UJ	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/21/93		J	.1	pCi/l	UNFILTERED	NORMAL

0710

5917

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2430 LOC-7	Alkalinity as CaCO3	09/14/93		-	278	MG/L	UNFILTERED	NORMAL
	Ammonia	09/14/93		J	.03	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/14/93		-	305	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/14/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/14/93		-	17	MG/L	UNFILTERED	NORMAL
	Fluoride	09/14/93		-	.19	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/14/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	09/14/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/14/93		-	637	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/14/93		-	208	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/14/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	09/14/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	09/14/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Barium	09/14/93	B	-	40.5	UG/L	UNFILTERED	NORMAL
	Beryllium	09/14/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	09/14/93		-	141000	UG/L	UNFILTERED	NORMAL
	Chromium	09/14/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/14/93	B	U	13	UG/L	UNFILTERED	NORMAL
	Copper	09/14/93	B	U	4.6	UG/L	UNFILTERED	NORMAL
	Iron	09/14/93		-	2050	UG/L	UNFILTERED	NORMAL
	Lead	09/14/93	UWN	UJ	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/14/93		-	31700	UG/L	UNFILTERED	NORMAL
	Manganese	09/14/93		-	528	UG/L	UNFILTERED	NORMAL
	Mercury	09/14/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/14/93	B	U	2730	UG/L	UNFILTERED	NORMAL
	Selenium	09/14/93	SN	UJ	5.9	UG/L	UNFILTERED	NORMAL
	Silver	09/14/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/14/93		-	7450	UG/L	UNFILTERED	NORMAL
	Thallium	09/14/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/14/93	B	U	15.8	UG/L	UNFILTERED	NORMAL
	Cyanide	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2430 LOC-7	Carbon disulfide	09/14/93	J	J	1	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/14/93		-	4.9	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/14/93		-	20.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/14/93		-	1	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/14/93	U	U	2.1	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/14/93	U	U	14.6	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/14/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/14/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/14/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/14/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/14/93		-	2.56	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/14/93		-	1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/14/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/14/93		-	1	pCi/l	UNFILTERED	NORMAL

0112

- 5917

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3067 LOC-7	Alkalinity as CaCO3	07/22/93		-	252	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/14/93		-	236	MG/L	UNFILTERED	NORMAL
	Ammonia	07/22/93		U	.08	MG/L	UNFILTERED	NORMAL
	Ammonia	09/14/93		J	.12	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/22/93		-	281	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/14/93		-	305	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/14/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/22/93		-	17	MG/L	UNFILTERED	NORMAL
	Chloride	09/14/93		-	19	MG/L	UNFILTERED	NORMAL
	Fluoride	07/22/93		-	.18	MG/L	UNFILTERED	NORMAL
	Fluoride	09/14/93		-	.19	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/22/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/14/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/14/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phosphorus	07/22/93	U	U	.1	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/22/93		-	614	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/14/93		-	467	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/22/93		-	70	MG/L	UNFILTERED	NORMAL
	Sulfate	09/14/93		-	76	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/22/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/14/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/22/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/22/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/14/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/14/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/22/93	UW	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Barium	07/22/93	B	-	67.8	UG/L	UNFILTERED	NORMAL
	Barium	09/14/93	B	-	69.7	UG/L	UNFILTERED	NORMAL
	Beryllium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/14/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/22/93		-	92400	UG/L	UNFILTERED	NORMAL
	Calcium	09/14/93		-	89500	UG/L	UNFILTERED	NORMAL
	Chromium	07/22/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/14/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/14/93	B	U	9.3	UG/L	UNFILTERED	NORMAL
	Copper	07/22/93	B	U	8.2	UG/L	UNFILTERED	NORMAL
	Copper	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/22/93		-	1560	UG/L	UNFILTERED	NORMAL
	Iron	09/14/93		-	1840	UG/L	UNFILTERED	NORMAL
	Lead	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Lead	09/14/93	UWN	UJ	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/22/93		-	22200	UG/L	UNFILTERED	NORMAL
	Magnesium	09/14/93		-	21900	UG/L	UNFILTERED	NORMAL
	Manganese	07/22/93		-	162	UG/L	UNFILTERED	NORMAL
	Manganese	09/14/93		-	164	UG/L	UNFILTERED	NORMAL
	Mercury	07/22/93	UN	U	.2	UG/L	UNFILTERED	NORMAL

0713

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3067 LOC-7	Mercury	09/14/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/22/93	B	-	2150	UG/L	UNFILTERED	NORMAL
	Potassium	09/14/93	B	-	2930	UG/L	UNFILTERED	NORMAL
	Selenium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/14/93	UN	UJ	1	UG/L	UNFILTERED	NORMAL
	Silver	07/22/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/14/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/22/93		-	8030	UG/L	UNFILTERED	NORMAL
	Sodium	09/14/93		-	8000	UG/L	UNFILTERED	NORMAL
	Thallium	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/14/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/22/93	B	U	5.5	UG/L	UNFILTERED	NORMAL
	Zinc	09/14/93	B	U	7.4	UG/L	UNFILTERED	NORMAL
	Cyanide	07/22/93	UN	UJ	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Endrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/22/93	U	U	.51	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/22/93	U	U	5.1	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL

0114

52

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3067 LOC-7	2,4,5-Trichlorophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2,4,6-Trichlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/22/93	U	R	27	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/22/93	U	UJ	11	UG/L	UNFILTERED	NORMAL
	Carbazole	07/22/93	U	UJ	11	UG/L	UNFILTERED	NORMAL
	Chrysene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Fluorene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Isophorone	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/22/93	U	UJ	27	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Phenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL

0715

52

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3067 LOC-7	Pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethoxy)methane	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/22/93	U	UJ	11	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/22/93	BJ	UJ	11	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/22/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0716

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3067 LOC-7	Methylene chloride	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/22/93	U	UJ	2.6	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/14/93		-	2.8	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/22/93	U	U	3.2	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/14/93		-	5.3	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/22/93	U	U	.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/14/93		-	1.9	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/22/93	U	U	2	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/14/93	U	U	1.8	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/22/93	U	U	12.5	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/14/93	U	U	15	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/22/93	U	U	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/14/93		J	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/14/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/22/93	U	UJ	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/14/93		-	.6	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/14/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/22/93		-	.4	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/14/93		-	.12	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/22/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/14/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/14/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/14/93		J	.1	pCi/l	UNFILTERED	NORMAL

0117

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4067 LOC-7	Alkalinity as CaCO3	07/22/93		-	248	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/14/93		-	242	MG/L	UNFILTERED	NORMAL
	Ammonia	07/22/93		-	.36	MG/L	UNFILTERED	NORMAL
	Ammonia	09/14/93		J	.37	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/22/93		-	305	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/14/93		-	311	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/14/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/22/93		-	17	MG/L	UNFILTERED	NORMAL
	Chloride	09/14/93		-	18	MG/L	UNFILTERED	NORMAL
	Fluoride	07/22/93		-	.27	MG/L	UNFILTERED	NORMAL
	Fluoride	09/14/93		-	.3	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/22/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/14/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/14/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/22/93		-	566	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/14/93		-	358	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/22/93		-	31	MG/L	UNFILTERED	NORMAL
	Sulfate	09/14/93		-	27	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/22/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/14/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/22/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/22/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/14/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/14/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/22/93	B	-	9.3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/14/93	B	U	8.6	UG/L	UNFILTERED	NORMAL
	Barium	07/22/93	B	-	62.6	UG/L	UNFILTERED	NORMAL
	Barium	09/14/93	B	-	62.9	UG/L	UNFILTERED	NORMAL
	Beryllium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/14/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/22/93		-	80300	UG/L	UNFILTERED	NORMAL
	Calcium	09/14/93		-	73000	UG/L	UNFILTERED	NORMAL
	Chromium	07/22/93		U	10.5	UG/L	UNFILTERED	NORMAL
	Chromium	09/14/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/14/93	B	U	9.5	UG/L	UNFILTERED	NORMAL
	Copper	07/22/93	B	U	7.3	UG/L	UNFILTERED	NORMAL
	Copper	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/22/93		-	3030	UG/L	UNFILTERED	NORMAL
	Iron	09/14/93		-	3140	UG/L	UNFILTERED	NORMAL
	Lead	07/22/93	B	-	2	UG/L	UNFILTERED	NORMAL
	Lead	09/14/93	UWN	UJ	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/22/93		-	20900	UG/L	UNFILTERED	NORMAL
	Magnesium	09/14/93		-	19200	UG/L	UNFILTERED	NORMAL
	Manganese	07/22/93		-	177	UG/L	UNFILTERED	NORMAL
	Manganese	09/14/93		-	168	UG/L	UNFILTERED	NORMAL
	Mercury	07/22/93	UN	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/14/93	U	U	.2	UG/L	UNFILTERED	NORMAL

0148

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4067 LOC-7	Nickel	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/22/93	B	-	980	UG/L	UNFILTERED	NORMAL
	Potassium	09/14/93	B	U	731	UG/L	UNFILTERED	NORMAL
	Selenium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/14/93	BN	UJ	1	UG/L	UNFILTERED	NORMAL
	Silver	07/22/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/14/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/22/93		-	9820	UG/L	UNFILTERED	NORMAL
	Sodium	09/14/93		-	9880	UG/L	UNFILTERED	NORMAL
	Thallium	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/14/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/22/93	B	U	5.8	UG/L	UNFILTERED	NORMAL
	Zinc	09/14/93	B	U	10.6	UG/L	UNFILTERED	NORMAL
	Cyanide	07/22/93	UN	UJ	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/22/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL

0719

5717

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4067 LOC-7	2,4,6-Trichlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/22/93	U	R	26	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/22/93	U	UJ	26	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0120

5217

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4067 LOC-7	bis(2-Chloroethoxy)methane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/22/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/22/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL

0121

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4067 LOC-7	Styrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/22/93	U	UJ	2.8	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/14/93	U	U	1	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/22/93	U	U	2.5	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/14/93	U	U	2.5	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/22/93	U	U	.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/14/93		J	.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/22/93	U	U	1.9	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/14/93	U	U	1.8	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/22/93	U	U	13.2	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/14/93	U	U	15.4	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/22/93	U	U	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/14/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/14/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/22/93	U	UJ	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/14/93		-	.5	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/14/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/22/93		-	.3	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/14/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/14/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/14/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/14/93		J	.1	pCi/l	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2431 LOC-8	Alkalinity as CaCO3	09/14/93		-	284	MG/L	UNFILTERED	NORMAL
	Ammonia	09/14/93	U	UJ	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/14/93		-	275	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/14/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/14/93		-	19	MG/L	UNFILTERED	NORMAL
	Fluoride	09/14/93		-	.18	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/14/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	09/14/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/14/93		-	886	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/14/93		-	181	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/14/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	09/14/93	B	-	147	UG/L	UNFILTERED	NORMAL
	Antimony	09/14/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Barium	09/14/93	B	-	41.6	UG/L	UNFILTERED	NORMAL
	Beryllium	09/14/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/14/93		-	9.5	UG/L	UNFILTERED	NORMAL
	Calcium	09/14/93		-	138000	UG/L	UNFILTERED	NORMAL
	Chromium	09/14/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/14/93	B	U	13.4	UG/L	UNFILTERED	NORMAL
	Copper	09/14/93	B	U	7.6	UG/L	UNFILTERED	NORMAL
	Iron	09/14/93		-	671	UG/L	UNFILTERED	NORMAL
	Lead	09/14/93	BWN	J	2.2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/14/93		-	33800	UG/L	UNFILTERED	NORMAL
	Manganese	09/14/93		-	311	UG/L	UNFILTERED	NORMAL
	Mercury	09/14/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/14/93	B	-	3140	UG/L	UNFILTERED	NORMAL
	Selenium	09/14/93	BWN	UJ	1.6	UG/L	UNFILTERED	NORMAL
	Silver	09/14/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/14/93		-	8670	UG/L	UNFILTERED	NORMAL
	Thallium	09/14/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/14/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/14/93		-	53.4	UG/L	UNFILTERED	NORMAL
	Cyanide	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/14/93	J	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/14/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL

0123

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2431 LOC-8	Carbon disulfide	09/14/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/14/93	J	J	2	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/14/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/14/93	U	UJ	3.3	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/14/93		-	7.2	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/14/93	U	U	.7	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/14/93		J	1.9	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/14/93	U	U	12.1	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/14/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/14/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/14/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/14/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/14/93		-	3.7	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/14/93		-	1.4	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/14/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/14/93		-	1.3	pCi/l	UNFILTERED	NORMAL

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3431 LOC-8	Alkalinity as CaCO3	07/27/93		-	220	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/15/93		-	218	MG/L	UNFILTERED	NORMAL
	Ammonia	07/27/93		-	.42	MG/L	UNFILTERED	NORMAL
	Ammonia	09/15/93		J	.36	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/27/93		-	268	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/15/93		-	287	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/27/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/15/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/27/93		-	25	MG/L	UNFILTERED	NORMAL
	Chloride	09/15/93		-	28	MG/L	UNFILTERED	NORMAL
	Fluoride	07/27/93		-	.18	MG/L	UNFILTERED	NORMAL
	Fluoride	09/15/93		-	.19	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/27/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/15/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/27/93		-	.016	MG/L	UNFILTERED	NORMAL
	Phenols	09/15/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/27/93		-	611	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/15/93		-	647	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/27/93		-	78	MG/L	UNFILTERED	NORMAL
	Sulfate	09/15/93		-	78	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/27/93		-	3	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/15/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/27/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/27/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/15/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/27/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/15/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/27/93	UWN	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Barium	07/27/93	B	-	64.5	UG/L	UNFILTERED	NORMAL
	Barium	09/15/93	B	-	68.6	UG/L	UNFILTERED	NORMAL
	Beryllium	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/15/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/27/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/27/93		-	88900	UG/L	UNFILTERED	NORMAL
	Calcium	09/15/93		-	91700	UG/L	UNFILTERED	NORMAL
	Chromium	07/27/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/15/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/27/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/15/93	B	U	9.5	UG/L	UNFILTERED	NORMAL
	Copper	07/27/93	B	U	9.6	UG/L	UNFILTERED	NORMAL
	Copper	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/27/93		-	3190	UG/L	UNFILTERED	NORMAL
	Iron	09/15/93		-	2920	UG/L	UNFILTERED	NORMAL
	Lead	07/27/93	B	U	2.2	UG/L	UNFILTERED	NORMAL
	Lead	09/15/93	UWN	UJ	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/27/93		-	21900	UG/L	UNFILTERED	NORMAL
	Magnesium	09/15/93		-	22200	UG/L	UNFILTERED	NORMAL
	Manganese	07/27/93		-	297	UG/L	UNFILTERED	NORMAL
	Manganese	09/15/93		-	316	UG/L	UNFILTERED	NORMAL
	Mercury	07/27/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/15/93	U	U	.2	UG/L	UNFILTERED	NORMAL

0125

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3431 LOC-8	Nickel	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/27/93	B	-	1010	UG/L	UNFILTERED	NORMAL
	Potassium	09/15/93	B	U	1180	UG/L	UNFILTERED	NORMAL
	Selenium	07/27/93	UWN	UJ	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/15/93	UN	UJ	1	UG/L	UNFILTERED	NORMAL
	Silver	07/27/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/15/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/27/93		-	7130	UG/L	UNFILTERED	NORMAL
	Sodium	09/15/93		-	6490	UG/L	UNFILTERED	NORMAL
	Thallium	07/27/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/15/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/27/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/27/93		-	124	UG/L	UNFILTERED	NORMAL
	Zinc	09/15/93	B	U	14.4	UG/L	UNFILTERED	NORMAL
	Cyanide	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/27/93	U	UJ	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/27/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/27/93	U	UJ	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL

0126

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3431 LOC-8	2,4,6-Trichlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/27/93	U	UJ	26	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/27/93	J	J	1	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/27/93	U	U	26	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/27/93	J	J	5	UG/L	UNFILTERED	NORMAL
	Pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL

0127

5214

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3431 LOC-8	bis(2-Chloroethoxy)methane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/27/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/27/93		-	26	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/15/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/27/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL

0128

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3431 LOC-8	Styrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/27/93	J	J	1	UG/L	UNFILTERED	NORMAL
	Toluene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/27/93	U	UJ	4.8	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/15/93	U	UJ	2.6	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/27/93		-	7.9	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/15/93		J	2.9	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/27/93	U	U	.5	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/15/93	U	U	.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/27/93		-	2.5	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/15/93	U	U	2.1	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/27/93	U	U	14	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/15/93	U	U	13	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/27/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/15/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/27/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/15/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/27/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/15/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/27/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/15/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/27/93		-	1.1	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/15/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/27/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/15/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/27/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/15/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/27/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/15/93		J	.1	pCi/l	UNFILTERED	NORMAL

0129

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2432 LOC-9	Alkalinity as CaCO3	07/28/93		-	224	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/15/93		-	280	MG/L	UNFILTERED	NORMAL
	Ammonia	07/28/93		-	.08	MG/L	UNFILTERED	NORMAL
	Ammonia	09/15/93		J	.04	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/28/93		-	275	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/15/93		-	378	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/28/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/15/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/28/93		-	29	MG/L	UNFILTERED	NORMAL
	Chloride	09/15/93		-	38	MG/L	UNFILTERED	NORMAL
	Fluoride	07/28/93		-	.16	MG/L	UNFILTERED	NORMAL
	Fluoride	09/15/93		-	.21	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/28/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/15/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/28/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/15/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/28/93		-	683	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/15/93		-	877	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/28/93		-	104	MG/L	UNFILTERED	NORMAL
	Sulfate	09/15/93		-	162	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/28/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/15/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/28/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/28/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/15/93	B	-	66.1	UG/L	UNFILTERED	NORMAL
	Antimony	07/28/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/15/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/28/93	UWN	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Barium	07/28/93	B	-	54.9	UG/L	UNFILTERED	NORMAL
	Barium	09/15/93	B	-	58.7	UG/L	UNFILTERED	NORMAL
	Beryllium	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/15/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/28/93		-	9.6	UG/L	UNFILTERED	NORMAL
	Cadmium	09/15/93		-	5.9	UG/L	UNFILTERED	NORMAL
	Calcium	07/28/93		-	117000	UG/L	UNFILTERED	NORMAL
	Calcium	09/15/93		-	132000	UG/L	UNFILTERED	NORMAL
	Chromium	07/28/93	B	-	6.6	UG/L	UNFILTERED	NORMAL
	Chromium	09/15/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/28/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/15/93	B	U	11.6	UG/L	UNFILTERED	NORMAL
	Copper	07/28/93	B	U	11.2	UG/L	UNFILTERED	NORMAL
	Copper	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/28/93		-	1780	UG/L	UNFILTERED	NORMAL
	Iron	09/15/93		-	2190	UG/L	UNFILTERED	NORMAL
	Lead	07/28/93	B	U	2.3	UG/L	UNFILTERED	NORMAL
	Lead	09/15/93	UWN	UJ	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/28/93		-	27700	UG/L	UNFILTERED	NORMAL
	Magnesium	09/15/93		-	33000	UG/L	UNFILTERED	NORMAL
	Manganese	07/28/93		-	331	UG/L	UNFILTERED	NORMAL
	Manganese	09/15/93		-	392	UG/L	UNFILTERED	NORMAL
	Mercury	07/28/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/15/93	U	U	.2	UG/L	UNFILTERED	NORMAL

0730

52178

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2432 LOC-9	Nickel	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/28/93	B	-	2680	UG/L	UNFILTERED	NORMAL
	Potassium	09/15/93	B	U	2860	UG/L	UNFILTERED	NORMAL
	Selenium	07/28/93	UN	UJ	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/15/93	UWN	UJ	1	UG/L	UNFILTERED	NORMAL
	Silver	07/28/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/15/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/28/93		-	18700	UG/L	UNFILTERED	NORMAL
	Sodium	09/15/93		-	18700	UG/L	UNFILTERED	NORMAL
	Thallium	07/28/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/15/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/28/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/28/93		-	27.1	UG/L	UNFILTERED	NORMAL
	Zinc	09/15/93	B	U	10.4	UG/L	UNFILTERED	NORMAL
	Cyanide	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/28/93	U	U	.099	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/28/93	U	U	.099	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/28/93	U	U	.099	UG/L	UNFILTERED	NORMAL
	Aldrin	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/28/93	U	U	.99	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/28/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/28/93	U	U	.99	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/28/93	U	U	.99	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/28/93	U	U	.99	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/28/93	U	U	.99	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/28/93	U	U	.99	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/28/93	U	U	.099	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/28/93	U	U	.099	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/28/93	U	U	.099	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/28/93	U	U	.099	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/28/93	U	U	.099	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/28/93	U	U	.099	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/28/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/28/93	U	U	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL

0131

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2432 LOC-9	2,4,6-Trichlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/28/93	U	R	25	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/28/93		-	56	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/28/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethoxy)methane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL

0132

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2432 LOC-9	bis(2-Chloroethyl)ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/28/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/15/93	J	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/28/93	J	J	5	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/28/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/15/93	J	J	2	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/28/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2432 LOC-9	Styrene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/28/93		NV	7.2	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/15/93	U	UJ	3.3	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/28/93		NV	5.1	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/15/93		-	5.8	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/28/93	U	UJ	.7	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/15/93	U	U	.7	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/28/93	U	UJ	1.5	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/15/93	U	U	2	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/28/93	U	U	14	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/15/93	U	U	13.7	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/28/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/15/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/28/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/15/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/28/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/15/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/28/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/15/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/28/93		-	2.6	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/15/93		-	2.5	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/28/93		J	1.1	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/15/93		-	1.3	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/28/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/15/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/28/93		J	1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/15/93		-	.9	pCi/l	UNFILTERED	NORMAL

0134

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3432 LOC-9	Alkalinity as CaCO3	09/15/93		-	244	MG/L	UNFILTERED	DUPLICATE
	Alkalinity as CaCO3	09/15/93		-	214	MG/L	UNFILTERED	NORMAL
	Ammonia	09/15/93		J	.24	MG/L	UNFILTERED	DUPLICATE
	Ammonia	09/15/93		J	.26	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/15/93		-	360	MG/L	UNFILTERED	DUPLICATE
	Bicarbonate Alkalinity	09/15/93		-	342	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/15/93	U	U	3	MG/L	UNFILTERED	DUPLICATE
	Carbonate Alkalinity	09/15/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/15/93		-	24	MG/L	UNFILTERED	DUPLICATE
	Chloride	09/15/93		-	24	MG/L	UNFILTERED	NORMAL
	Fluoride	09/15/93		-	.18	MG/L	UNFILTERED	DUPLICATE
	Fluoride	09/15/93		-	.18	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/15/93	U	R	.02	MG/L	UNFILTERED	DUPLICATE
	Nitrate/Nitrite	09/15/93		J	.06	MG/L	UNFILTERED	NORMAL
	Phenols	09/15/93	U	U	.01	MG/L	UNFILTERED	DUPLICATE
	Phenols	09/15/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/15/93		-	610	UMHOS/CM	UNFILTERED	DUPLICATE
	Specific Conductivity	09/15/93		-	643	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/15/93		-	76	MG/L	UNFILTERED	DUPLICATE
	Sulfate	09/15/93		-	84	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/15/93	U	U	1	MG/L	UNFILTERED	DUPLICATE
	Total Organic Carbon	09/15/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	09/15/93	B	-	96.9	UG/L	UNFILTERED	DUPLICATE
	Aluminum	09/15/93	B	-	107	UG/L	UNFILTERED	NORMAL
	Antimony	09/15/93	U	U	30	UG/L	UNFILTERED	DUPLICATE
	Antimony	09/15/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/15/93	UW	U	3	UG/L	UNFILTERED	DUPLICATE
	Arsenic	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Barium	09/15/93	B	-	50.3	UG/L	UNFILTERED	DUPLICATE
	Barium	09/15/93	B	-	49.3	UG/L	UNFILTERED	NORMAL
	Beryllium	09/15/93	U	U	1	UG/L	UNFILTERED	DUPLICATE
	Beryllium	09/15/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/15/93	U	U	3	UG/L	UNFILTERED	DUPLICATE
	Cadmium	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	09/15/93		-	94000	UG/L	UNFILTERED	DUPLICATE
	Calcium	09/15/93		-	94600	UG/L	UNFILTERED	NORMAL
	Chromium	09/15/93	U	U	6	UG/L	UNFILTERED	DUPLICATE
	Chromium	09/15/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/15/93	B	U	10.3	UG/L	UNFILTERED	DUPLICATE
	Cobalt	09/15/93	B	U	10.9	UG/L	UNFILTERED	NORMAL
	Copper	09/15/93	U	U	3	UG/L	UNFILTERED	DUPLICATE
	Copper	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	09/15/93		-	2970	UG/L	UNFILTERED	DUPLICATE
	Iron	09/15/93		-	3010	UG/L	UNFILTERED	NORMAL
	Lead	09/15/93	UWN	UJ	2	UG/L	UNFILTERED	DUPLICATE
	Lead	09/15/93	UWN	UJ	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/15/93		-	22700	UG/L	UNFILTERED	DUPLICATE
	Magnesium	09/15/93		-	22900	UG/L	UNFILTERED	NORMAL
	Manganese	09/15/93		-	338	UG/L	UNFILTERED	DUPLICATE
	Manganese	09/15/93		-	340	UG/L	UNFILTERED	NORMAL
	Mercury	09/15/93	U	U	.2	UG/L	UNFILTERED	DUPLICATE
	Mercury	09/15/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE

0135

D 5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3432 LOC-9	Nickel	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/15/93	B	U	1810	UG/L	UNFILTERED	DUPLICATE
	Potassium	09/15/93	B	U	1610	UG/L	UNFILTERED	NORMAL
	Selenium	09/15/93	BN	UJ	1	UG/L	UNFILTERED	DUPLICATE
	Selenium	09/15/93	UN	UJ	1	UG/L	UNFILTERED	NORMAL
	Silver	09/15/93	U	U	4	UG/L	UNFILTERED	DUPLICATE
	Silver	09/15/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/15/93		-	8920	UG/L	UNFILTERED	DUPLICATE
	Sodium	09/15/93		-	8920	UG/L	UNFILTERED	NORMAL
	Thallium	09/15/93	U	U	2	UG/L	UNFILTERED	DUPLICATE
	Thallium	09/15/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/15/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/15/93	U	U	3	UG/L	UNFILTERED	DUPLICATE
	Zinc	09/15/93	B	U	9.2	UG/L	UNFILTERED	NORMAL
	Zinc	09/15/93	B	U	19.1	UG/L	UNFILTERED	DUPLICATE
	Cyanide	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Cyanide	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,2,2-Tetrachloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,2,2-Tetrachloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,2-Trichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1-Dichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1-Dichloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,2-Dichloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,2-Dichloroethene (Total)	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,2-Dichloropropane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Butanone	09/15/93	J	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Hexanone	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	4-Methyl-2-pentanone	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Acetone	09/15/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Benzene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Bromodichloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Bromoform	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Bromomethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Carbon disulfide	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE

0130

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3432 LOC-9	Chlorobenzene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Chloroethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Chloroform	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Chloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Dibromochloromethane	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Ethylbenzene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Methylene chloride	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Styrene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Tetrachloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Trichloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Trichloroethene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Vinyl chloride	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	cis-1,3-Dichloropropene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/15/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	trans-1,3-Dichloropropene	09/15/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/15/93	U	UJ	2.8	pCi/l	UNFILTERED	DUPLICATE
	Gross Alpha	09/15/93	U	UJ	2.8	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/15/93	U	U	2.5	pCi/l	UNFILTERED	DUPLICATE
	Gross Beta	09/15/93	U	U	2.8	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/15/93	U	U	.7	pCi/l	UNFILTERED	DUPLICATE
	Radium-226	09/15/93	U	U	.6	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/15/93	U	U	1.9	pCi/l	UNFILTERED	DUPLICATE
	Radium-228	09/15/93	U	U	2.1	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/15/93	U	U	12.7	pCi/l	UNFILTERED	DUPLICATE
	Technetium-99	09/15/93	U	U	12.3	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/15/93		J	.9174	UG/L	UNFILTERED	DUPLICATE
	Thorium, Total	09/15/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/15/93		J	.1	pCi/l	UNFILTERED	DUPLICATE
	Thorium-228	09/15/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/15/93		J	.7	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/15/93		J	.3	pCi/l	UNFILTERED	DUPLICATE
	Thorium-232	09/15/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/15/93		J	.1	pCi/l	UNFILTERED	DUPLICATE
	Uranium, Total	09/15/93		J	.1	ug/L	UNFILTERED	DUPLICATE
	Uranium, Total	09/15/93		J	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/15/93	U	U	.2	pCi/l	UNFILTERED	DUPLICATE
	Uranium-234	09/15/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/15/93	U	U	.1	pCi/l	UNFILTERED	DUPLICATE
	Uranium-235/236	09/15/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/15/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/15/93		J	.1	pCi/l	UNFILTERED	DUPLICATE

0137

5917

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4432 LOC-9	Alkalinity as CaCO3	09/16/93		-	248	MG/L	UNFILTERED	NORMAL
	Ammonia	09/16/93		-	.05	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/16/93		-	342	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/16/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/16/93		-	7	MG/L	UNFILTERED	NORMAL
	Fluoride	09/16/93		-	.15	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/16/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	09/16/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/16/93		-	552	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/16/93		-	24	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/16/93		-	1	MG/L	UNFILTERED	NORMAL
	Aluminum	09/16/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	09/16/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/16/93	W	UJ	11.6	UG/L	UNFILTERED	NORMAL
	Barium	09/16/93	B	-	53	UG/L	UNFILTERED	NORMAL
	Beryllium	09/16/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	09/16/93		-	74300	UG/L	UNFILTERED	NORMAL
	Chromium	09/16/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/16/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Copper	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	09/16/93		-	2400	UG/L	UNFILTERED	NORMAL
	Lead	09/16/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/16/93		-	19200	UG/L	UNFILTERED	NORMAL
	Manganese	09/16/93		-	372	UG/L	UNFILTERED	NORMAL
	Mercury	09/16/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/16/93	B	U	1350	UG/L	UNFILTERED	NORMAL
	Selenium	09/16/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	09/16/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/16/93		-	8450	UG/L	UNFILTERED	NORMAL
	Thallium	09/16/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/16/93	B	U	12.1	UG/L	UNFILTERED	NORMAL
	Cyanide	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/16/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4432 LOC-9	Bromomethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/16/93	U	UJ	3	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/16/93	U	U	2.7	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/16/93	U	U	.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/16/93	U	U	2	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/16/93	U	U	11.6	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/16/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/16/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/16/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/16/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/16/93		J	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/16/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/16/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/16/93		J	.2	pCi/l	UNFILTERED	NORMAL

0139

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2733 LOC-10	Alkalinity as CaCO3	07/28/93		-	308	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/17/93		-	318	MG/L	UNFILTERED	NORMAL
	Ammonia	07/28/93		-	.1	MG/L	UNFILTERED	NORMAL
	Ammonia	09/17/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/28/93		-	384	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/17/93		-	415	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/28/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/17/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/28/93		-	25	MG/L	UNFILTERED	NORMAL
	Chloride	09/17/93		-	25	MG/L	UNFILTERED	NORMAL
	Fluoride	07/28/93		-	.21	MG/L	UNFILTERED	NORMAL
	Fluoride	09/17/93		-	.19	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/28/93		J	.15	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/17/93		J	.1	MG/L	UNFILTERED	NORMAL
	Phenols	07/28/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/17/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/28/93		-	829	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/17/93		-	983	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/28/93		-	124	MG/L	UNFILTERED	NORMAL
	Sulfate	09/17/93		-	142	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/28/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/17/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/28/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/28/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/17/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/28/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/17/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/28/93	UWN	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/17/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Barium	07/28/93	B	-	45.8	UG/L	UNFILTERED	NORMAL
	Barium	09/17/93	B	-	57.5	UG/L	UNFILTERED	NORMAL
	Beryllium	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/17/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/28/93		-	19.1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/17/93		-	5.4	UG/L	UNFILTERED	NORMAL
	Calcium	07/28/93		-	115000	UG/L	UNFILTERED	NORMAL
	Calcium	09/17/93		-	126000	UG/L	UNFILTERED	NORMAL
	Chromium	07/28/93	B	-	8.2	UG/L	UNFILTERED	NORMAL
	Chromium	09/17/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/28/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/17/93	B	-	9	UG/L	UNFILTERED	NORMAL
	Copper	07/28/93	B	U	14.3	UG/L	UNFILTERED	NORMAL
	Copper	09/17/93	B	U	3.7	UG/L	UNFILTERED	NORMAL
	Iron	07/28/93		-	193	UG/L	UNFILTERED	NORMAL
	Iron	09/17/93	B	U	51.3	UG/L	UNFILTERED	NORMAL
	Lead	07/28/93	W	UJ	3	UG/L	UNFILTERED	NORMAL
	Lead	09/17/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/28/93		-	32900	UG/L	UNFILTERED	NORMAL
	Magnesium	09/17/93		-	37600	UG/L	UNFILTERED	NORMAL
	Manganese	07/28/93		-	20.3	UG/L	UNFILTERED	NORMAL
	Manganese	09/17/93	B	U	12.6	UG/L	UNFILTERED	NORMAL
	Mercury	07/28/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/17/93	U	U	.2	UG/L	UNFILTERED	NORMAL

0740

- 5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2733 LOC-10	Nickel	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/28/93	B	-	2430	UG/L	UNFILTERED	NORMAL
	Potassium	09/17/93	B	U	3150	UG/L	UNFILTERED	NORMAL
	Selenium	07/28/93	N	J	6.7	UG/L	UNFILTERED	NORMAL
	Selenium	09/17/93	WN	J	5.4	UG/L	UNFILTERED	NORMAL
	Silver	07/28/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/17/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/28/93		-	14500	UG/L	UNFILTERED	NORMAL
	Sodium	09/17/93		-	16100	UG/L	UNFILTERED	NORMAL
	Thallium	07/28/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/17/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/28/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/28/93		-	33.2	UG/L	UNFILTERED	NORMAL
	Zinc	09/17/93	B	U	14.4	UG/L	UNFILTERED	NORMAL
	Cyanide	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/28/93	U	UJ	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/28/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/28/93	U	UJ	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/28/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/28/93	U	UJ	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL

521

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2733 LOC-10	2,4,6-Trichlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/28/93	U	R	25	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/28/93		-	60	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/28/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL

0142

52147

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2733 LOC-10	bis(2-Chloroethoxy)methane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/28/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/17/93	J	UJ	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/28/93	U	R	2	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/28/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL

TH3

591

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2733 LOC-10	Styrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/28/93		NV	4.7	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/17/93		-	6.5	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/28/93		NV	6.2	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/17/93		-	7.3	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/28/93		J	.5	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/17/93		J	.5	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/28/93		-	2.3	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/17/93	U	U	1.9	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/17/93	U	U	15	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/28/93	U	R	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/17/93	U	J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/28/93		R	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/17/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/28/93		R	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/17/93		-	.6	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/28/93	U	R	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/17/93	U	J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/28/93		-	5	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/17/93		-	7.26	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/28/93		J	1.9	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/17/93		-	2.7	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/28/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/17/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/28/93		J	1.5	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/17/93		-	2.2	pCi/l	UNFILTERED	NORMAL

0144

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3733 LOC-10	Alkalinity as CaCO3	07/27/93		-	216	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/17/93		-	257	MG/L	UNFILTERED	NORMAL
	Ammonia	07/27/93		-	.05	MG/L	UNFILTERED	NORMAL
	Ammonia	09/17/93		-	.19	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/27/93		-	262	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/17/93		-	372	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/27/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/17/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/27/93		-	24	MG/L	UNFILTERED	NORMAL
	Chloride	09/17/93		-	23	MG/L	UNFILTERED	NORMAL
	Fluoride	07/27/93		-	.18	MG/L	UNFILTERED	NORMAL
	Fluoride	09/17/93		-	.17	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/27/93		J	.18	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/17/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/27/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/17/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/27/93		-	603	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/17/93		-	768	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/27/93		-	77	MG/L	UNFILTERED	NORMAL
	Sulfate	09/17/93		-	86	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/27/93		-	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/17/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/27/93		-	17	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/27/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/17/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/27/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/17/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/27/93	BWN	J	3.2	UG/L	UNFILTERED	NORMAL
	Arsenic	09/17/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Barium	07/27/93	B	-	73	UG/L	UNFILTERED	NORMAL
	Barium	09/17/93	B	-	80.5	UG/L	UNFILTERED	NORMAL
	Beryllium	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/17/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/27/93	B	-	3.4	UG/L	UNFILTERED	NORMAL
	Cadmium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/27/93		-	95400	UG/L	UNFILTERED	NORMAL
	Calcium	09/17/93		-	97400	UG/L	UNFILTERED	NORMAL
	Chromium	07/27/93	B	-	6.4	UG/L	UNFILTERED	NORMAL
	Chromium	09/17/93	B	-	8.3	UG/L	UNFILTERED	NORMAL
	Cobalt	07/27/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/17/93	B	-	7.2	UG/L	UNFILTERED	NORMAL
	Copper	07/27/93	B	U	11.2	UG/L	UNFILTERED	NORMAL
	Copper	09/17/93	B	U	3.5	UG/L	UNFILTERED	NORMAL
	Iron	07/27/93		-	2840	UG/L	UNFILTERED	NORMAL
	Iron	09/17/93		-	2800	UG/L	UNFILTERED	NORMAL
	Lead	07/27/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Lead	09/17/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/27/93		-	23200	UG/L	UNFILTERED	NORMAL
	Magnesium	09/17/93		-	24800	UG/L	UNFILTERED	NORMAL
	Manganese	07/27/93		-	298	UG/L	UNFILTERED	NORMAL
	Manganese	09/17/93		-	314	UG/L	UNFILTERED	NORMAL
	Mercury	07/27/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/17/93	U	U	.2	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3733 LOC-10	Nickel	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/17/93	B	-	10.4	UG/L	UNFILTERED	NORMAL
	Potassium	07/27/93	B	-	1570	UG/L	UNFILTERED	NORMAL
	Potassium	09/17/93	B	U	2500	UG/L	UNFILTERED	NORMAL
	Selenium	07/27/93	UN	UJ	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/17/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	07/27/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/17/93	B	U	4.1	UG/L	UNFILTERED	NORMAL
	Sodium	07/27/93		-	9300	UG/L	UNFILTERED	NORMAL
	Sodium	09/17/93		-	10500	UG/L	UNFILTERED	NORMAL
	Thallium	07/27/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/17/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/27/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/27/93	B	-	17.9	UG/L	UNFILTERED	NORMAL
	Zinc	09/17/93	B	U	9.7	UG/L	UNFILTERED	NORMAL
	Cyanide	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/27/93	U	UJ	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/27/93	U	UJ	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/27/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/27/93	U	UJ	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL

0116

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3733 LOC-10	2,4,6-Trichlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/27/93	U	UJ	25	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/27/93		-	36	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL

0747

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3733 LOC-10	bis(2-Chloroethoxy)methane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/27/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/17/93		U	15	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/27/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/17/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/17/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/27/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL

5217

018

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3733 LOC-10	Styrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/27/93	U	UJ	4.7	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/17/93	U	NV	3.5	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/27/93	U	UJ	4.5	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/17/93		NV	4.8	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/27/93		-	.5	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/17/93	U	UJ	.7	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/27/93	U	U	2.4	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/17/93	U	U	1.9	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/27/93	U	U	15	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/17/93	U	U	12.2	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/27/93		U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/17/93	U	UJ	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/27/93		J	.6	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/17/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/27/93	U	UJ	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/17/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/27/93		U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/17/93	U	UJ	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/27/93		-	.5	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/17/93		-	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/27/93	U	R	.3	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/17/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/27/93	U	R	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/17/93	U	UJ	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/27/93	U	R	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/17/93		J	.1	pCi/l	UNFILTERED	NORMAL

5217

0743

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2070 LOC-11	Alkalinity as CaCO3	07/22/93		-	158	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	07/22/93		-	186	MG/L	UNFILTERED	DUPLICATE
	Alkalinity as CaCO3	09/22/93		-	112	MG/L	UNFILTERED	NORMAL
	Ammonia	07/22/93		UJ	.06	MG/L	UNFILTERED	NORMAL
	Ammonia	07/22/93		UJ	.03	MG/L	UNFILTERED	DUPLICATE
	Ammonia	09/22/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/22/93		J	189	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/22/93		J	250	MG/L	UNFILTERED	DUPLICATE
	Bicarbonate Alkalinity	09/22/93		-	159	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/22/93	U	U	3	MG/L	UNFILTERED	DUPLICATE
	Carbonate Alkalinity	09/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/22/93		-	5	MG/L	UNFILTERED	NORMAL
	Chloride	07/22/93		-	5	MG/L	UNFILTERED	DUPLICATE
	Chloride	09/22/93		-	5	MG/L	UNFILTERED	NORMAL
	Fluoride	07/22/93		-	.15	MG/L	UNFILTERED	NORMAL
	Fluoride	07/22/93		-	.19	MG/L	UNFILTERED	DUPLICATE
	Fluoride	09/22/93		-	.1	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/22/93		J	.23	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/22/93		J	.2	MG/L	UNFILTERED	DUPLICATE
	Nitrate/Nitrite	09/22/93		J	.05	MG/L	UNFILTERED	NORMAL
	Phenols	07/22/93		J	.013	MG/L	UNFILTERED	NORMAL
	Phenols	07/22/93	U	UJ	.01	MG/L	UNFILTERED	DUPLICATE
	Phenols	09/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/22/93		-	367	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	07/22/93		-	418	UMHOS/CM	UNFILTERED	DUPLICATE
	Specific Conductivity	09/22/93		-	312	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/22/93		-	36	MG/L	UNFILTERED	NORMAL
	Sulfate	07/22/93		-	39	MG/L	UNFILTERED	DUPLICATE
	Sulfate	09/22/93		-	14	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/22/93		J	4	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/22/93	U	UJ	1	MG/L	UNFILTERED	DUPLICATE
	Total Organic Carbon	09/22/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	07/22/93	B	-	141	UG/L	UNFILTERED	NORMAL
	Aluminum	07/22/93	B	U	80.9	UG/L	UNFILTERED	DUPLICATE
	Aluminum	09/22/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	07/22/93	U	U	30	UG/L	UNFILTERED	DUPLICATE
	Antimony	09/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/22/93	UW	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	07/22/93	UW	U	3	UG/L	UNFILTERED	DUPLICATE
	Arsenic	09/22/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Barium	07/22/93	B	-	40.4	UG/L	UNFILTERED	NORMAL
	Barium	07/22/93	B	-	44.4	UG/L	UNFILTERED	DUPLICATE
	Barium	09/22/93	B	U	8.7	UG/L	UNFILTERED	NORMAL
	Beryllium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	07/22/93	U	U	1	UG/L	UNFILTERED	DUPLICATE
	Beryllium	09/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/22/93	B	-	4.5	UG/L	UNFILTERED	NORMAL
	Cadmium	07/22/93		-	5.9	UG/L	UNFILTERED	DUPLICATE
	Cadmium	09/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/22/93		-	52100	UG/L	UNFILTERED	NORMAL
	Calcium	07/22/93		-	64100	UG/L	UNFILTERED	DUPLICATE

0750

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2070 LOC-11	Calcium	09/22/93		-	9250	UG/L	UNFILTERED	NORMAL
	Chromium	07/22/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	07/22/93	B	U	9	UG/L	UNFILTERED	DUPLICATE
	Chromium	09/22/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	07/22/93	U	U	5	UG/L	UNFILTERED	DUPLICATE
	Cobalt	09/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Copper	07/22/93	B	U	12.6	UG/L	UNFILTERED	NORMAL
	Copper	07/22/93	B	U	7.3	UG/L	UNFILTERED	DUPLICATE
	Copper	09/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/22/93		-	333	UG/L	UNFILTERED	NORMAL
	Iron	07/22/93		-	335	UG/L	UNFILTERED	DUPLICATE
	Iron	09/22/93		U	140	UG/L	UNFILTERED	NORMAL
	Lead	07/22/93	W	J	4.9	UG/L	UNFILTERED	NORMAL
	Lead	07/22/93	B	-	2.2	UG/L	UNFILTERED	DUPLICATE
	Lead	09/22/93	B	J	2.2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/22/93		-	12700	UG/L	UNFILTERED	NORMAL
	Magnesium	07/22/93		-	15900	UG/L	UNFILTERED	DUPLICATE
	Magnesium	09/22/93	B	-	1990	UG/L	UNFILTERED	NORMAL
	Manganese	07/22/93		-	51.9	UG/L	UNFILTERED	NORMAL
	Manganese	07/22/93		-	49.4	UG/L	UNFILTERED	DUPLICATE
	Manganese	09/22/93		-	19.4	UG/L	UNFILTERED	NORMAL
	Mercury	07/22/93	UN	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	07/22/93	UN	U	.2	UG/L	UNFILTERED	DUPLICATE
	Mercury	09/22/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Nickel	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/22/93	B	-	1210	UG/L	UNFILTERED	NORMAL
	Potassium	07/22/93	B	-	870	UG/L	UNFILTERED	DUPLICATE
	Potassium	09/22/93	B	U	452	UG/L	UNFILTERED	NORMAL
	Selenium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Selenium	07/22/93	U	U	1	UG/L	UNFILTERED	DUPLICATE
	Selenium	09/22/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	07/22/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	07/22/93	U	U	4	UG/L	UNFILTERED	DUPLICATE
	Silver	09/22/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/22/93		-	6330	UG/L	UNFILTERED	NORMAL
	Sodium	07/22/93		-	6360	UG/L	UNFILTERED	DUPLICATE
	Sodium	09/22/93	B	U	1080	UG/L	UNFILTERED	NORMAL
	Thallium	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	07/22/93	U	U	2	UG/L	UNFILTERED	DUPLICATE
	Thallium	09/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	07/22/93	U	U	3	UG/L	UNFILTERED	DUPLICATE
	Vanadium	09/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/22/93		U	26.5	UG/L	UNFILTERED	NORMAL
	Zinc	07/22/93		U	20.4	UG/L	UNFILTERED	DUPLICATE
	Zinc	09/22/93	B	U	12.4	UG/L	UNFILTERED	NORMAL
	Cyanide	07/22/93	UN	UJ	10	UG/L	UNFILTERED	NORMAL
	Cyanide	07/22/93	UN	UJ	10	UG/L	UNFILTERED	DUPLICATE
	Cyanide	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0751

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2070 LOC-11	4,4'-DDD	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/22/93	U	U	.099	UG/L	UNFILTERED	DUPLICATE
	4,4'-DDE	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/22/93	U	U	.099	UG/L	UNFILTERED	DUPLICATE
	4,4'-DDT	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/22/93	U	U	.099	UG/L	UNFILTERED	DUPLICATE
	Aldrin	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aldrin	07/22/93	U	U	.05	UG/L	UNFILTERED	DUPLICATE
	Aroclor-1016	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/22/93	U	U	.99	UG/L	UNFILTERED	DUPLICATE
	Aroclor-1221	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/22/93	U	U	2	UG/L	UNFILTERED	DUPLICATE
	Aroclor-1232	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/22/93	U	U	.99	UG/L	UNFILTERED	DUPLICATE
	Aroclor-1242	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/22/93	U	U	.99	UG/L	UNFILTERED	DUPLICATE
	Aroclor-1248	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/22/93	U	U	.99	UG/L	UNFILTERED	DUPLICATE
	Aroclor-1254	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/22/93	U	U	.99	UG/L	UNFILTERED	DUPLICATE
	Aroclor-1260	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/22/93	U	U	.99	UG/L	UNFILTERED	DUPLICATE
	Dieldrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/22/93	U	U	.099	UG/L	UNFILTERED	DUPLICATE
	Endosulfan II	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/22/93	U	U	.099	UG/L	UNFILTERED	DUPLICATE
	Endosulfan sulfate	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/22/93	U	U	.099	UG/L	UNFILTERED	DUPLICATE
	Endosulfan-I	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/22/93	U	U	.05	UG/L	UNFILTERED	DUPLICATE
	Endrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin	07/22/93	U	U	.099	UG/L	UNFILTERED	DUPLICATE
	Endrin aldehyde	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/22/93	U	U	.099	UG/L	UNFILTERED	DUPLICATE
	Endrin ketone	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/22/93	U	U	.099	UG/L	UNFILTERED	DUPLICATE
	Heptachlor	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/22/93	U	U	.05	UG/L	UNFILTERED	DUPLICATE
	Heptachlor epoxide	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/22/93	U	U	.05	UG/L	UNFILTERED	DUPLICATE
	Methoxychlor	07/22/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/22/93	U	U	.5	UG/L	UNFILTERED	DUPLICATE
	Toxaphene	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/22/93	U	U	5	UG/L	UNFILTERED	DUPLICATE
	alpha-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	DUPLICATE
	alpha-Chlordane	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/22/93	U	U	.05	UG/L	UNFILTERED	DUPLICATE
	beta-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	DUPLICATE
	delta-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	DUPLICATE
	gamma-BHC (Lindane)	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/22/93	U	U	.05	UG/L	UNFILTERED	DUPLICATE

0152

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2070 LOC-11	gamma-Chlordane	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/22/93	U	U	.05	UG/L	UNFILTERED	DUPLICATE
	1,2,4-Trichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,2-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,3-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,4-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2,4,5-Trichlorophenol	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/22/93	U	U	26	UG/L	UNFILTERED	DUPLICATE
	2,4,6-Trichlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,6-Trichlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2,4-Dichlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2,4-Dimethylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2,4-Dinitrophenol	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/22/93	U	U	26	UG/L	UNFILTERED	DUPLICATE
	2,4-Dinitrotoluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2,6-Dinitrotoluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Chloronaphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Chlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Methylnaphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	DUPLICATE
	2-Nitrophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	3,3'-Dichlorobenzidine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	3-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	DUPLICATE
	4,6-Dinitro-2-methylphenol	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/22/93	U	U	26	UG/L	UNFILTERED	DUPLICATE
	4-Bromophenyl phenyl ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	4-Chloro-3-methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	4-Chlorophenylphenyl ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	4-Methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	4-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/22/93	U	U	26	UG/L	UNFILTERED	DUPLICATE
	4-Nitrophenol	07/22/93	U	UJ	26	UG/L	UNFILTERED	NORMAL

- 5217

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2070 LOC-11	4-Nitrophenol	07/22/93	U	UJ	26	UG/L	UNFILTERED	DUPLICATE
	Acenaphthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Acenaphthylene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Benzo(a)anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Benzo(a)pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Benzo(b)fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Benzo(g,h,i)perylene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Benzo(k)fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Butyl benzyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Carbazole	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Chrysene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Di-n-butyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Di-n-octyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Dibenzo(a,h)anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Dibenzofuran	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Diethyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Dimethyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Fluorene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Hexachlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Hexachlorobutadiene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Hexachlorocyclopentadiene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Hexachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Indeno(1,2,3-cd)pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Isophorone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	N-Nitroso-di-n-propylamine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	N-Nitrosodiphenylamine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0754

P 5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2070 LOC-11	N-Nitrosodiphenylamine	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Naphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Nitrobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Pentachlorophenol	07/22/93	U	U	26	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/22/93	U	U	26	UG/L	UNFILTERED	DUPLICATE
	Phenanthrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Phenol	07/22/93	JY	J	6	UG/L	UNFILTERED	NORMAL
	Phenol	07/22/93	J	J	4	UG/L	UNFILTERED	DUPLICATE
	Pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	bis(2-Chloroethoxy)methane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethoxy)methane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	bis(2-Chloroethyl)ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	bis(2-Chloroisopropyl) ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	bis(2-Ethylhexyl)phthalate	07/22/93	B	U	12	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/22/93	B	U	21	UG/L	UNFILTERED	DUPLICATE
	p-Chloroaniline	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,1-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,1-Trichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,2,2-Tetrachloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1,2-Trichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1-Dichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,1-Dichloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,2-Dichloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,2-Dichloroethene (Total)	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	1,2-Dichloropropane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/22/93		-	63	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Butanone	09/22/93		J	64	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	2-Hexanone	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL

0755

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2070 LOC-11	4-Methyl-2-pentanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	4-Methyl-2-pentanone	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/22/93		J	45	UG/L	UNFILTERED	NORMAL
	Acetone	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Acetone	09/22/93		UJ	17	UG/L	UNFILTERED	NORMAL
	Benzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Benzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Bromodichloromethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Bromoform	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Bromomethane	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Carbon disulfide	09/22/93	J	J	2	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Chlorobenzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Chloroethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Chloroform	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/22/93	U	UJ	10	UG/L	UNFILTERED	DUPLICATE
	Chloromethane	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Dibromochloromethane	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Ethylbenzene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Methylene chloride	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Styrene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Tetrachloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Toluene	09/22/93	J	J	1	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Trichloroethene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0756

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2070 LOC-11	Vinyl chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	Vinyl chloride	09/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	cis-1,3-Dichloropropene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	DUPLICATE
	trans-1,3-Dichloropropene	09/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/22/93		NV	2.3	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	07/22/93	U	U	1.8	pCi/l	UNFILTERED	DUPLICATE
	Gross Alpha	09/22/93		J	1.6	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/22/93		NV	4	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/22/93	U	U	2.4	pCi/l	UNFILTERED	DUPLICATE
	Gross Beta	09/22/93		-	9.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/22/93	U	UJ	.7	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/22/93	U	U	.5	pCi/l	UNFILTERED	DUPLICATE
	Radium-226	09/22/93	U	U	.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/22/93	U	UJ	1.6	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/22/93	U	U	2	pCi/l	UNFILTERED	DUPLICATE
	Radium-228	09/22/93	U	U	1.9	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/22/93	U	R	14.8	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/22/93	U	U	14.3	pCi/l	UNFILTERED	DUPLICATE
	Technetium-99	09/22/93	U	U	12.7	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/22/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	07/22/93	U	U	.9174	UG/L	UNFILTERED	DUPLICATE
	Thorium, Total	09/22/93	U	U	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	07/22/93	U	U	.1	pCi/l	UNFILTERED	DUPLICATE
	Thorium-228	09/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/22/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/22/93	U	UJ	.3	pCi/l	UNFILTERED	DUPLICATE
	Thorium-230	09/22/93		-	.5	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/22/93	U	U	.1	pCi/l	UNFILTERED	DUPLICATE
	Thorium-232	09/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/22/93		-	.7	ug/L	UNFILTERED	NORMAL
	Uranium, Total	07/22/93		-	1	ug/L	UNFILTERED	DUPLICATE
	Uranium, Total	09/22/93		-	.3	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/22/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Uranium-234	07/22/93		J	.4	pCi/l	UNFILTERED	DUPLICATE
	Uranium-234	09/22/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/22/93	U	U	.1	pCi/l	UNFILTERED	DUPLICATE
	Uranium-235/236	09/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/22/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/22/93		J	.2	pCi/l	UNFILTERED	DUPLICATE
	Uranium-238	09/22/93		J	.3	pCi/l	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3070 LOC-11	Alkalinity as CaCO3	07/22/93		-	238	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/16/93		-	240	MG/L	UNFILTERED	NORMAL
	Ammonia	07/22/93		U	.1	MG/L	UNFILTERED	NORMAL
	Ammonia	09/16/93		J	.21	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/22/93		-	336	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/16/93		-	281	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/16/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/22/93		-	18	MG/L	UNFILTERED	NORMAL
	Chloride	09/16/93		-	18	MG/L	UNFILTERED	NORMAL
	Fluoride	07/22/93		-	.14	MG/L	UNFILTERED	NORMAL
	Fluoride	09/16/93		-	.2	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/22/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/16/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/16/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/22/93		-	661	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/16/93		-	498	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/22/93		-	108	MG/L	UNFILTERED	NORMAL
	Sulfate	09/16/93		-	102	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/22/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/16/93		-	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/22/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/22/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/16/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/16/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/22/93	UW	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/16/93	UW	U	3	UG/L	UNFILTERED	NORMAL
	Barium	07/22/93	B	-	62.3	UG/L	UNFILTERED	NORMAL
	Barium	09/16/93	B	-	61.4	UG/L	UNFILTERED	NORMAL
	Beryllium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/16/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/22/93		-	94700	UG/L	UNFILTERED	NORMAL
	Calcium	09/16/93		-	94200	UG/L	UNFILTERED	NORMAL
	Chromium	07/22/93	B	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/16/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/16/93	B	U	9.8	UG/L	UNFILTERED	NORMAL
	Copper	07/22/93	B	U	14.2	UG/L	UNFILTERED	NORMAL
	Copper	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/22/93		-	2130	UG/L	UNFILTERED	NORMAL
	Iron	09/16/93		-	1910	UG/L	UNFILTERED	NORMAL
	Lead	07/22/93		-	4.7	UG/L	UNFILTERED	NORMAL
	Lead	09/16/93	UWN	UJ	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/22/93		-	22900	UG/L	UNFILTERED	NORMAL
	Magnesium	09/16/93		-	22400	UG/L	UNFILTERED	NORMAL
	Manganese	07/22/93		-	330	UG/L	UNFILTERED	NORMAL
	Manganese	09/16/93		-	337	UG/L	UNFILTERED	NORMAL
	Mercury	07/22/93	UN	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/16/93	U	U	.2	UG/L	UNFILTERED	NORMAL

5217

0-158

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3070 LOC-11	Nickel	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/22/93	B	-	2230	UG/L	UNFILTERED	NORMAL
	Potassium	09/16/93	B	U	2510	UG/L	UNFILTERED	NORMAL
	Selenium	07/22/93	B	U	1.3	UG/L	UNFILTERED	NORMAL
	Selenium	09/16/93	BN	UJ	1	UG/L	UNFILTERED	NORMAL
	Silver	07/22/93	B	-	4.5	UG/L	UNFILTERED	NORMAL
	Silver	09/16/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/22/93		-	9030	UG/L	UNFILTERED	NORMAL
	Sodium	09/16/93		-	8860	UG/L	UNFILTERED	NORMAL
	Thallium	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/16/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/22/93		U	22.2	UG/L	UNFILTERED	NORMAL
	Zinc	09/16/93	B	U	13.7	UG/L	UNFILTERED	NORMAL
	Cyanide	07/22/93	UN	UJ	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/22/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/22/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/22/93	U	U	25	UG/L	UNFILTERED	NORMAL

0759

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3070 LOC-11	2,4,6-Trichlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/22/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/22/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/22/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/22/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/22/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/22/93	U	UJ	25	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/22/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3070 LOC-11	bis(2-Chloroethoxy)methane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/22/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL

0761

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3070 LOC-11	Styrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/22/93	U	UJ	2.8	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/16/93	U	U	1.7	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/22/93	U	U	3.3	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/16/93		-	23.4	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/22/93		J	.9	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/16/93	U	U	.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/22/93	U	U	1.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/16/93	U	U	1.6	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/22/93	U	U	13.1	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/16/93	U	U	12.6	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/22/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/16/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/16/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/22/93		J	.5	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/16/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/16/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/22/93		-	5.4	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/16/93		J	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/22/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/16/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/16/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/16/93		J	.1	pCi/l	UNFILTERED	NORMAL

5217

0362

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2398 LOC-12	Alkalinity as CaCO3	07/22/93		-	276	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/17/93		-	277	MG/L	UNFILTERED	NORMAL
	Ammonia	07/22/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Ammonia	09/17/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/22/93		-	354	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/17/93		-	372	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/17/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/22/93		-	16	MG/L	UNFILTERED	NORMAL
	Chloride	09/17/93		-	26	MG/L	UNFILTERED	NORMAL
	Fluoride	07/22/93		-	.13	MG/L	UNFILTERED	NORMAL
	Fluoride	09/17/93		-	.13	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/22/93		J	1.83	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/17/93		J	1.82	MG/L	UNFILTERED	NORMAL
	Phenols	07/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/17/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/22/93		-	584	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/17/93		-	700	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/22/93		-	42	MG/L	UNFILTERED	NORMAL
	Sulfate	09/17/93		-	61	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/22/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/17/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	07/22/93	B	-	146	UG/L	UNFILTERED	NORMAL
	Aluminum	09/17/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/17/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/22/93	UW	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/17/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Barium	07/22/93	B	-	52	UG/L	UNFILTERED	NORMAL
	Barium	09/17/93	B	-	59.2	UG/L	UNFILTERED	NORMAL
	Beryllium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/17/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/17/93		-	5.3	UG/L	UNFILTERED	NORMAL
	Calcium	07/22/93		-	94700	UG/L	UNFILTERED	NORMAL
	Calcium	09/17/93		-	95100	UG/L	UNFILTERED	NORMAL
	Chromium	07/22/93		U	10.2	UG/L	UNFILTERED	NORMAL
	Chromium	09/17/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/17/93	B	-	7.2	UG/L	UNFILTERED	NORMAL
	Copper	07/22/93	B	U	9	UG/L	UNFILTERED	NORMAL
	Copper	09/17/93	B	U	8.6	UG/L	UNFILTERED	NORMAL
	Iron	07/22/93		-	433	UG/L	UNFILTERED	NORMAL
	Iron	09/17/93	B	U	48.1	UG/L	UNFILTERED	NORMAL
	Lead	07/22/93	B	-	2.6	UG/L	UNFILTERED	NORMAL
	Lead	09/17/93	BW	UJ	2.5	UG/L	UNFILTERED	NORMAL
	Magnesium	07/22/93		-	25700	UG/L	UNFILTERED	NORMAL
	Magnesium	09/17/93		-	26000	UG/L	UNFILTERED	NORMAL
	Manganese	07/22/93		-	29.7	UG/L	UNFILTERED	NORMAL
	Manganese	09/17/93	B	U	7	UG/L	UNFILTERED	NORMAL
	Mercury	07/22/93	UN	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/17/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2398 LOC-12	Nickel	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/22/93	B	-	2590	UG/L	UNFILTERED	NORMAL
	Potassium	09/17/93	B	U	3280	UG/L	UNFILTERED	NORMAL
	Selenium	07/22/93	BW	UJ	2	UG/L	UNFILTERED	NORMAL
	Selenium	09/17/93	BWN	UJ	3.2	UG/L	UNFILTERED	NORMAL
	Silver	07/22/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/17/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/22/93		-	12500	UG/L	UNFILTERED	NORMAL
	Sodium	09/17/93		-	12400	UG/L	UNFILTERED	NORMAL
	Thallium	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/17/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/22/93		U	21.5	UG/L	UNFILTERED	NORMAL
	Zinc	09/17/93	B	U	11.7	UG/L	UNFILTERED	NORMAL
	Cyanide	07/22/93	UN	UJ	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Endrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/22/93	U	U	.51	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/22/93	U	U	5.1	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2,4,6-Trichlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL

7604

- 5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2398 LOC-12	2,4-Dichlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/22/93	U	UJ	27	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Carbazole	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Chrysene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/22/93	J	J	2	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Fluorene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Isophorone	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Phenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethoxy)methane	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL

0765

521

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2398 LOC-12	bis(2-Chloroethyl)ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/22/93	BJ	U	11	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/17/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/22/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0166

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2398 LOC-12	Styrene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/22/93	U	UJ	3	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/17/93		J	1.9	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/22/93		-	15	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/17/93		-	15.3	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/22/93	U	U	.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/17/93	U	U	.9	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/22/93	U	U	1.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/17/93	U	U	1.8	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/22/93		J	15.4	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/17/93		-	17.8	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/22/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/17/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/17/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/22/93	U	U	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/17/93		-	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/17/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/22/93		-	4	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/17/93		-	3.94	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/22/93		J	1.9	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/17/93		-	1.4	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/22/93		-	.2	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/17/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/22/93		J	1.5	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/17/93		-	1.6	pCi/l	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3398 LOC-12	Alkalinity as CaCO3	07/22/93		-	236	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/17/93		-	227	MG/L	UNFILTERED	NORMAL
	Ammonia	07/22/93		U	.03	MG/L	UNFILTERED	NORMAL
	Ammonia	09/17/93		-	.04	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/22/93		-	293	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/17/93		-	281	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/22/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/17/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/22/93		-	20	MG/L	UNFILTERED	NORMAL
	Chloride	09/17/93		-	20	MG/L	UNFILTERED	NORMAL
	Fluoride	07/22/93		-	.15	MG/L	UNFILTERED	NORMAL
	Fluoride	09/17/93		-	.15	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/22/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/17/93	U	R	.02	MG/L	UNFILTERED	NORMAL
	Phenols	07/22/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/17/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/22/93		-	587	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/17/93		-	663	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/22/93		-	69	MG/L	UNFILTERED	NORMAL
	Sulfate	09/17/93		-	72	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/22/93		-	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/17/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	07/22/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/17/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/22/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/17/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/22/93	UW	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/17/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Barium	07/22/93	B	-	45.9	UG/L	UNFILTERED	NORMAL
	Barium	09/17/93	B	-	50.3	UG/L	UNFILTERED	NORMAL
	Beryllium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/17/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/22/93		-	85400	UG/L	UNFILTERED	NORMAL
	Calcium	09/17/93		-	81300	UG/L	UNFILTERED	NORMAL
	Chromium	07/22/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/17/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/22/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/17/93	B	-	5.2	UG/L	UNFILTERED	NORMAL
	Copper	07/22/93	B	U	8.1	UG/L	UNFILTERED	NORMAL
	Copper	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/22/93		-	1270	UG/L	UNFILTERED	NORMAL
	Iron	09/17/93		U	1170	UG/L	UNFILTERED	NORMAL
	Lead	07/22/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Lead	09/17/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/22/93		-	20900	UG/L	UNFILTERED	NORMAL
	Magnesium	09/17/93		-	20500	UG/L	UNFILTERED	NORMAL
	Manganese	07/22/93		-	248	UG/L	UNFILTERED	NORMAL
	Manganese	09/17/93		-	246	UG/L	UNFILTERED	NORMAL
	Mercury	07/22/93	UN	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/17/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0708

5212

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3398 LOC-12	Nickel	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/22/93	B	-	2190	UG/L	UNFILTERED	NORMAL
	Potassium	09/17/93	B	U	2670	UG/L	UNFILTERED	NORMAL
	Selenium	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/17/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	07/22/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/17/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/22/93		-	9290	UG/L	UNFILTERED	NORMAL
	Sodium	09/17/93		-	9330	UG/L	UNFILTERED	NORMAL
	Thallium	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/17/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/22/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/22/93	B	U	14.2	UG/L	UNFILTERED	NORMAL
	Zinc	09/17/93	B	U	7.5	UG/L	UNFILTERED	NORMAL
	Cyanide	07/22/93	UN	UJ	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/22/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/22/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Endrin	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/22/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/22/93	U	U	.51	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/22/93	U	U	5.1	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/22/93	U	U	.051	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2,4,6-Trichlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3398 LOC-12	2,4-Dichlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTFRED	NORMAL
	4,6-Dinitro-2-methylphenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/22/93	U	UJ	27	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Carbazole	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Chrysene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Fluorene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Isophorone	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/22/93	U	U	27	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Phenol	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	Pyrene	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethoxy)methane	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3398 LOC-12	bis(2-Chloroethyl)ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/22/93	BJ	U	11	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/22/93	U	U	11	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/17/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/22/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL

0771

- 52

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3398 LOC-12	Styrene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/22/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/22/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/22/93	U	UJ	2.5	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/17/93		-	2.1	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/22/93	U	U	3	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/17/93		-	8.1	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/22/93	U	U	.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/17/93	U	U	.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/22/93	U	U	2	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/17/93	U	U	2	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/22/93	U	U	13.5	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/17/93	U	J	1.46	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/22/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/17/93	U	J	1.3761	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/22/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/17/93	U	J	.09	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/22/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/17/93		J	.33	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/22/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/17/93	U	J	.15	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/22/93		-	1.1	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/17/93		-	.66	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/22/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/17/93		-	.52	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/22/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/17/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/22/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/17/93		J	.27	pCi/l	UNFILTERED	NORMAL

5217

(772)

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4398 LOC-12	Alkalinity as CaCO3	09/17/93		-	235	MG/L	UNFILTERED	NORMAL
	Ammonia	09/17/93		-	.09	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/17/93		-	299	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/17/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	09/17/93		-	24	MG/L	UNFILTERED	NORMAL
	Fluoride	09/17/93		-	.16	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/17/93		J	.03	MG/L	UNFILTERED	NORMAL
	Phenols	09/17/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	09/17/93		-	740	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	09/17/93		-	97	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/17/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Aluminum	09/17/93	B	-	38	UG/L	UNFILTERED	NORMAL
	Antimony	09/17/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	09/17/93	BW	UJ	7.8	UG/L	UNFILTERED	NORMAL
	Barium	09/17/93	B	-	58.6	UG/L	UNFILTERED	NORMAL
	Beryllium	09/17/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	09/17/93		-	92300	UG/L	UNFILTERED	NORMAL
	Chromium	09/17/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	09/17/93	B	-	5.8	UG/L	UNFILTERED	NORMAL
	Copper	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	09/17/93		-	2870	UG/L	UNFILTERED	NORMAL
	Lead	09/17/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	09/17/93		-	23900	UG/L	UNFILTERED	NORMAL
	Manganese	09/17/93		-	564	UG/L	UNFILTERED	NORMAL
	Mercury	09/17/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Nickel	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	09/17/93	B	U	1450	UG/L	UNFILTERED	NORMAL
	Selenium	09/17/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	09/17/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	09/17/93		-	7430	UG/L	UNFILTERED	NORMAL
	Thallium	09/17/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	09/17/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	09/17/93	B	U	12.5	UG/L	UNFILTERED	NORMAL
	Cyanide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/17/93	J	UJ	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL

0173

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
4398 LOC-12	Carbon disulfide	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/17/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	09/17/93		-	4.5	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/17/93		-	36.7	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/17/93	U	U	.9	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/17/93	U	U	1.9	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/17/93	U	U	15	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	09/17/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	09/17/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/17/93		-	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/17/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	09/17/93	U	U	.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	09/17/93		-	.3	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/17/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/17/93		J	.1	pCi/l	UNFILTERED	NORMAL

0774

52117

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2434 LOC-13	Alkalinity as CaCO3	07/28/93		-	288	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/20/93		-	269	MG/L	UNFILTERED	NORMAL
	Ammonia	07/28/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Ammonia	09/20/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/28/93		-	372	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/20/93		-	366	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/28/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/20/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/28/93		-	38	MG/L	UNFILTERED	NORMAL
	Chloride	09/20/93		-	45	MG/L	UNFILTERED	NORMAL
	Fluoride	07/28/93		-	.2	MG/L	UNFILTERED	NORMAL
	Fluoride	09/20/93		-	.22	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/28/93		J	2.68	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/20/93		J	2.5	MG/L	UNFILTERED	NORMAL
	Phenols	07/28/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/20/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/28/93		-	742	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/20/93		-	852	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/28/93		-	67	MG/L	UNFILTERED	NORMAL
	Sulfate	09/20/93		-	59	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/28/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/20/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/28/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/28/93	B	-	46	UG/L	UNFILTERED	NORMAL
	Aluminum	09/20/93	B	-	38.6	UG/L	UNFILTERED	NORMAL
	Antimony	07/28/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/20/93	U	U	30.	UG/L	UNFILTERED	NORMAL
	Arsenic	07/28/93	UWN	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/20/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Barium	07/28/93	B	-	59.1	UG/L	UNFILTERED	NORMAL
	Barium	09/20/93	B	-	53.9	UG/L	UNFILTERED	NORMAL
	Beryllium	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/20/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/28/93	B	-	3.8	UG/L	UNFILTERED	NORMAL
	Cadmium	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/28/93		-	105000	UG/L	UNFILTERED	NORMAL
	Calcium	09/20/93		-	93900	UG/L	UNFILTERED	NORMAL
	Chromium	07/28/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/20/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/28/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/20/93	B	-	5	UG/L	UNFILTERED	NORMAL
	Copper	07/28/93	B	U	10.1	UG/L	UNFILTERED	NORMAL
	Copper	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/28/93		-	488	UG/L	UNFILTERED	NORMAL
	Iron	09/20/93		U	202	UG/L	UNFILTERED	NORMAL
	Lead	07/28/93		UJ	12.3	UG/L	UNFILTERED	NORMAL
	Lead	09/20/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/28/93		-	27400	UG/L	UNFILTERED	NORMAL
	Magnesium	09/20/93		-	25900	UG/L	UNFILTERED	NORMAL
	Manganese	07/28/93		-	25.2	UG/L	UNFILTERED	NORMAL
	Manganese	09/20/93		U	26.9	UG/L	UNFILTERED	NORMAL
	Mercury	07/28/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/20/93	U	U	.2	UG/L	UNFILTERED	NORMAL

0775

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2434 LOC-13	Nickel	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/28/93	B	-	2810	UG/L	UNFILTERED	NORMAL
	Potassium	09/20/93	B	U	3250	UG/L	UNFILTERED	NORMAL
	Selenium	07/28/93	BN	UJ	1.4	UG/L	UNFILTERED	NORMAL
	Selenium	09/20/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Silver	07/28/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/20/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/28/93		-	22600	UG/L	UNFILTERED	NORMAL
	Sodium	09/20/93		-	24000	UG/L	UNFILTERED	NORMAL
	Thallium	07/28/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/20/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/28/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/20/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/28/93		-	23.5	UG/L	UNFILTERED	NORMAL
	Zinc	09/20/93	B	U	12.2	UG/L	UNFILTERED	NORMAL
	Cyanide	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/28/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/28/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Endrin	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/28/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/28/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/28/93	U	U	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/28/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL

0776

5917

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2434 LOC-13	2,4,6-Trichlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/28/93	U	R	25	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline,	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/28/93		-	52	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/28/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/28/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL

0777

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2434 LOC-13	bis(2-Chloroethoxy)methane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/20/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/28/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/20/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/28/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/28/93	J	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL

0778

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
434 LOC-13	Styrene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/28/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/20/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/28/93	U	NV	4.6	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/20/93		-	3	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/28/93		NV	14.4	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/20/93		-	7.9	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/28/93	U	UJ	.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/20/93		U	2	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/28/93	U	UJ	1.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/20/93	U	U	2	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/28/93	U	U	13.7	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/20/93	U	U	15.4	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/28/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/20/93		J	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/28/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/20/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/28/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/20/93		-	.6	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/28/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/20/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/28/93		-	1.8	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/20/93		-	1.41	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/28/93		R	.8	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/20/93		-	.5	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/28/93		R	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/20/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/28/93		R	.8	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/20/93		-	.6	pCi/l	UNFILTERED	NORMAL

0779

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3069 LOC-13	Alkalinity as CaCO3	07/27/93		-	208	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/21/93		-	204	MG/L	UNFILTERED	NORMAL
	Ammonia	07/27/93		-	.07	MG/L	UNFILTERED	NORMAL
	Ammonia	09/21/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/27/93		-	250	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/21/93		-	268	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/27/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/21/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/27/93		-	20	MG/L	UNFILTERED	NORMAL
	Chloride	09/21/93		-	21	MG/L	UNFILTERED	NORMAL
	Fluoride	07/27/93		-	.15	MG/L	UNFILTERED	NORMAL
	Fluoride	09/21/93		-	.17	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/27/93		-	1.81	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/21/93		J	1.68	MG/L	UNFILTERED	NORMAL
	Phenols	07/27/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/21/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/27/93		-	543	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/21/93		-	627	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/27/93		-	51	MG/L	UNFILTERED	NORMAL
	Sulfate	09/21/93		-	45	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/27/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/21/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/27/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/27/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/21/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/27/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/21/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/27/93	UWN	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/21/93	UWN	U	2	UG/L	UNFILTERED	NORMAL
	Barium	07/27/93	B	-	35.5	UG/L	UNFILTERED	NORMAL
	Barium	09/21/93	B	-	40.4	UG/L	UNFILTERED	NORMAL
	Beryllium	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/21/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/27/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/21/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/27/93		-	72700	UG/L	UNFILTERED	NORMAL
	Calcium	09/21/93		-	74900	UG/L	UNFILTERED	NORMAL
	Chromium	07/27/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/21/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/27/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/21/93	B	U	6.5	UG/L	UNFILTERED	NORMAL
	Copper	07/27/93	B	U	8.3	UG/L	UNFILTERED	NORMAL
	Copper	09/21/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/27/93	B	U	34.2	UG/L	UNFILTERED	NORMAL
	Iron	09/21/93	B	U	27.5	UG/L	UNFILTERED	NORMAL
	Lead	07/27/93	B	U	2.1	UG/L	UNFILTERED	NORMAL
	Lead	09/21/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/27/93		-	18100	UG/L	UNFILTERED	NORMAL
	Magnesium	09/21/93		-	18500	UG/L	UNFILTERED	NORMAL
	Manganese	07/27/93		-	81.4	UG/L	UNFILTERED	NORMAL
	Manganese	09/21/93		-	95	UG/L	UNFILTERED	NORMAL
	Mercury	07/27/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/21/93	U	U	.2	UG/L	UNFILTERED	NORMAL

0780

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3069 LOC-13	Nickel	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/27/93	B	-	2250	UG/L	UNFILTERED	NORMAL
	Potassium	09/21/93	B	U	3030	UG/L	UNFILTERED	NORMAL
	Selenium	07/27/93	UN	UJ	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/21/93	BN	J	2.6	UG/L	UNFILTERED	NORMAL
	Silver	07/27/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/21/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/27/93		-	10500	UG/L	UNFILTERED	NORMAL
	Sodium	09/21/93		-	11100	UG/L	UNFILTERED	NORMAL
	Thallium	07/27/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/21/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/27/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/21/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/27/93	B	-	15.2	UG/L	UNFILTERED	NORMAL
	Zinc	09/21/93	B	U	12.4	UG/L	UNFILTERED	NORMAL
	Cyanide	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/27/93	PU	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/27/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/27/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/27/93	J	J	.016	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/27/93	PU	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/27/93	JP	J	.025	UG/L	UNFILTERED	NORMAL
	Endrin	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/27/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/27/93	U	U	.5	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/27/93	U	U	5	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/27/93	PU	U	.05	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/27/93	U	U	.05	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/27/93	PU	U	.05	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL

0781

5217

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3069 LOC-13	2,4,6-Trichlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/27/93	U	R	25	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/27/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/27/93	U	UJ	25	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL

0782

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3069 LOC-13	bis(2-Chloroethoxy)methane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/27/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/27/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/21/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/27/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL

0783

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3069 LOC-13	Styrene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/27/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/21/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/27/93		-	9	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/21/93		-	9	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/27/93		-	4.3	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/21/93		-	9.2	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/27/93	U	U	.5	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/21/93	U	U	.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/27/93		-	3.5	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/21/93	U	U	2.5	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/27/93	U	U	13.3	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/21/93	U	U	14.8	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/27/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/21/93	U	U	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/27/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/21/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/27/93	U	UJ	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/21/93		-	.5	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/27/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/21/93	U	U	.2	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/27/93		-	16.8	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/21/93		-	16.3	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/27/93		-	5.1	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/21/93		-	5.3	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/27/93		-	.3	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/21/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/27/93		-	4.7	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/21/93		-	5.7	pCi/l	UNFILTERED	NORMAL

0184

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2106 LOC-14	Alkalinity as CaCO3	07/26/93		-	238	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/16/93		-	232	MG/L	UNFILTERED	NORMAL
	Ammonia	07/26/93		-	.02	MG/L	UNFILTERED	NORMAL
	Ammonia	09/16/93	U	UJ	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/26/93		-	299	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/16/93		-	268	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/26/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/16/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/26/93		-	28	MG/L	UNFILTERED	NORMAL
	Chloride	09/16/93		-	27	MG/L	UNFILTERED	NORMAL
	Fluoride	07/26/93		-	.26	MG/L	UNFILTERED	NORMAL
	Fluoride	09/16/93		-	.3	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/26/93		J	1.82	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/16/93		J	1.5	MG/L	UNFILTERED	NORMAL
	Phenols	07/26/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/16/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/26/93		-	611	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/16/93		-	467	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/26/93		-	56	MG/L	UNFILTERED	NORMAL
	Sulfate	09/16/93		-	56	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/26/93		-	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/16/93		-	2	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/26/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/26/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/16/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/26/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/16/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/26/93	UWN	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/16/93	UW	U	3	UG/L	UNFILTERED	NORMAL
	Barium	07/26/93	B	-	40.8	UG/L	UNFILTERED	NORMAL
	Barium	09/16/93	B	-	40.4	UG/L	UNFILTERED	NORMAL
	Beryllium	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/16/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/26/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/26/93		-	86900	UG/L	UNFILTERED	NORMAL
	Calcium	09/16/93		-	84300	UG/L	UNFILTERED	NORMAL
	Chromium	07/26/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/16/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/26/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/16/93	B	U	11.4	UG/L	UNFILTERED	NORMAL
	Copper	07/26/93	B	U	7.2	UG/L	UNFILTERED	NORMAL
	Copper	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/26/93	B	U	14	UG/L	UNFILTERED	NORMAL
	Iron	09/16/93	B	U	41.7	UG/L	UNFILTERED	NORMAL
	Lead	07/26/93	UW	U	2	UG/L	UNFILTERED	NORMAL
	Lead	09/16/93	UWN	UJ	2	UG/L	UNFILTERED	NORMAL
	Magnesium	07/26/93		-	21200	UG/L	UNFILTERED	NORMAL
	Magnesium	09/16/93		-	20000	UG/L	UNFILTERED	NORMAL
	Manganese	07/26/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Manganese	09/16/93	B	-	2.4	UG/L	UNFILTERED	NORMAL
	Mercury	07/26/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/16/93	U	U	.2	UG/L	UNFILTERED	NORMAL

0785

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2106 LOC-14	Nickel	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/26/93	B	-	2750	UG/L	UNFILTERED	NORMAL
	Potassium	09/16/93	B	-	3510	UG/L	UNFILTERED	NORMAL
	Selenium	07/26/93	UN	UJ	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/16/93	BWN	UJ	2.5	UG/L	UNFILTERED	NORMAL
	Silver	07/26/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/16/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/26/93		-	12700	UG/L	UNFILTERED	NORMAL
	Sodium	09/16/93		-	11900	UG/L	UNFILTERED	NORMAL
	Thallium	07/26/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/16/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/26/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/26/93		-	22.8	UG/L	UNFILTERED	NORMAL
	Zinc	09/16/93	B	U	10.5	UG/L	UNFILTERED	NORMAL
	Cyanide	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/26/93	U	U	2.1	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	Endrin	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/26/93	U	U	.52	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/26/93	U	U	5.2	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL

0185

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2106 LOC-14	2,4,6-Trichlorophenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/26/93	U	R	25	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/26/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/26/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/26/93	U	UJ	25	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL

0787

521

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2106 LOC-14	bis(2-Chloroethoxy)methane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/26/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/26/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/26/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/16/93	B	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/16/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL

0788

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
2106 LOC-14	Styrene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/26/93		-	30.6	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/16/93		-	25.2	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/26/93		-	36.9	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/16/93		-	29.7	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/26/93		-	.6	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/16/93	U	U	.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/26/93	U	U	2.6	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/16/93	U	U	1.9	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/26/93	U	U	13.2	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/16/93	U	U	12.5	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/26/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/16/93		J	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/26/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/16/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/26/93		J	.3	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/16/93		J	.6	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/26/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/16/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/26/93		-	69.7	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/16/93		-	57.1	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/26/93		-	22.1	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/16/93		-	18	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/26/93		-	1.4	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/16/93		-	.9	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/26/93		-	24.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/16/93		-	20.9	pCi/l	UNFILTERED	NORMAL

0789

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3106 LOC-14	Alkalinity as CaCO3	07/26/93		-	232	MG/L	UNFILTERED	NORMAL
	Alkalinity as CaCO3	09/16/93		-	234	MG/L	UNFILTERED	NORMAL
	Ammonia	07/26/93	U	U	.02	MG/L	UNFILTERED	NORMAL
	Ammonia	09/16/93	U	UJ	.02	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	07/26/93		-	299	MG/L	UNFILTERED	NORMAL
	Bicarbonate Alkalinity	09/16/93		-	274	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	07/26/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Carbonate Alkalinity	09/16/93	U	U	3	MG/L	UNFILTERED	NORMAL
	Chloride	07/26/93		-	22	MG/L	UNFILTERED	NORMAL
	Chloride	09/16/93		-	28	MG/L	UNFILTERED	NORMAL
	Fluoride	07/26/93		-	.15	MG/L	UNFILTERED	NORMAL
	Fluoride	09/16/93		-	.16	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	07/26/93		J	.05	MG/L	UNFILTERED	NORMAL
	Nitrate/Nitrite	09/16/93		J	.06	MG/L	UNFILTERED	NORMAL
	Phenols	07/26/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Phenols	09/16/93	U	U	.01	MG/L	UNFILTERED	NORMAL
	Specific Conductivity	07/26/93		-	611	UMHOS/CM	UNFILTERED	NORMAL
	Specific Conductivity	09/16/93		-	527	UMHOS/CM	UNFILTERED	NORMAL
	Sulfate	07/26/93		-	59	MG/L	UNFILTERED	NORMAL
	Sulfate	09/16/93		-	66	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	07/26/93	U	U	1	MG/L	UNFILTERED	NORMAL
	Total Organic Carbon	09/16/93		-	1	MG/L	UNFILTERED	NORMAL
	Total Organic Halogens	07/26/93	U	U	10	ug/l Cl-	UNFILTERED	NORMAL
	Aluminum	07/26/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Aluminum	09/16/93	U	U	20	UG/L	UNFILTERED	NORMAL
	Antimony	07/26/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Antimony	09/16/93	U	U	30	UG/L	UNFILTERED	NORMAL
	Arsenic	07/26/93	UWN	U	3	UG/L	UNFILTERED	NORMAL
	Arsenic	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Barium	07/26/93	B	-	37.3	UG/L	UNFILTERED	NORMAL
	Barium	09/16/93	B	-	39.2	UG/L	UNFILTERED	NORMAL
	Beryllium	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Beryllium	09/16/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Cadmium	07/26/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Cadmium	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Calcium	07/26/93		-	84600	UG/L	UNFILTERED	NORMAL
	Calcium	09/16/93		-	88100	UG/L	UNFILTERED	NORMAL
	Chromium	07/26/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Chromium	09/16/93	U	U	6	UG/L	UNFILTERED	NORMAL
	Cobalt	07/26/93	U	U	5	UG/L	UNFILTERED	NORMAL
	Cobalt	09/16/93	B	U	9.9	UG/L	UNFILTERED	NORMAL
	Copper	07/26/93	B	U	8.8	UG/L	UNFILTERED	NORMAL
	Copper	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Iron	07/26/93	B	U	11.4	UG/L	UNFILTERED	NORMAL
	Iron	09/16/93	B	U	18	UG/L	UNFILTERED	NORMAL
	Lead	07/26/93	B	U	2.4	UG/L	UNFILTERED	NORMAL
	Lead	09/16/93	+N	UJ	17.1	UG/L	UNFILTERED	NORMAL
	Magnesium	07/26/93		-	20600	UG/L	UNFILTERED	NORMAL
	Magnesium	09/16/93		-	21100	UG/L	UNFILTERED	NORMAL
	Manganese	07/26/93	B	-	9.9	UG/L	UNFILTERED	NORMAL
	Manganese	09/16/93	B	-	8.8	UG/L	UNFILTERED	NORMAL
	Mercury	07/26/93	U	U	.2	UG/L	UNFILTERED	NORMAL
	Mercury	09/16/93	U	U	.2	UG/L	UNFILTERED	NORMAL

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3106 LOC-14	Nickel	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nickel	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Potassium	07/26/93	B	-	2370	UG/L	UNFILTERED	NORMAL
	Potassium	09/16/93	B	U	2380	UG/L	UNFILTERED	NORMAL
	Selenium	07/26/93	UN	UJ	1	UG/L	UNFILTERED	NORMAL
	Selenium	09/16/93	BSN	UJ	3.7	UG/L	UNFILTERED	NORMAL
	Silver	07/26/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Silver	09/16/93	U	U	4	UG/L	UNFILTERED	NORMAL
	Sodium	07/26/93		-	11000	UG/L	UNFILTERED	NORMAL
	Sodium	09/16/93		-	10900	UG/L	UNFILTERED	NORMAL
	Thallium	07/26/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Thallium	09/16/93	U	U	2	UG/L	UNFILTERED	NORMAL
	Vanadium	07/26/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Vanadium	09/16/93	U	U	3	UG/L	UNFILTERED	NORMAL
	Zinc	07/26/93		-	78.9	UG/L	UNFILTERED	NORMAL
	Zinc	09/16/93	B	U	7.8	UG/L	UNFILTERED	NORMAL
	Cyanide	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Cyanide	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4,4'-DDD	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDE	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	4,4'-DDT	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Aldrin	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	Aroclor-1016	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1221	07/26/93	U	U	2.1	UG/L	UNFILTERED	NORMAL
	Aroclor-1232	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1242	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1248	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1254	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Aroclor-1260	07/26/93	U	U	1	UG/L	UNFILTERED	NORMAL
	Dieldrin	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan II	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan sulfate	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endosulfan-I	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	Endrin	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin aldehyde	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Endrin ketone	07/26/93	U	U	.1	UG/L	UNFILTERED	NORMAL
	Heptachlor	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	Heptachlor epoxide	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	Methoxychlor	07/26/93	U	U	.52	UG/L	UNFILTERED	NORMAL
	Toxaphene	07/26/93	U	U	5.2	UG/L	UNFILTERED	NORMAL
	alpha-BHC	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	alpha-Chlordane	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	beta-BHC	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	delta-BHC	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	gamma-BHC (Lindane)	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	gamma-Chlordane	07/26/93	U	U	.052	UG/L	UNFILTERED	NORMAL
	1,2,4-Trichlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,3-Dichlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,4-Dichlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4,5-Trichlorophenol	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL

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52117

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3106 LOC-14	2,4,6-Trichlorophenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dichlorophenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dimethylphenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrophenol	07/26/93	U	R	25	UG/L	UNFILTERED	NORMAL
	2,4-Dinitrotoluene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2,6-Dinitrotoluene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chloronaphthalene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Chlorophenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylnaphthalene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Methylphenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Nitroaniline	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL
	2-Nitrophenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3,3'-Dichlorobenzidine	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	3-Nitroaniline	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4,6-Dinitro-2-methylphenol	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Bromophenyl phenyl ether	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chloro-3-methylphenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Chlorophenylphenyl ether	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methylphenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Nitroaniline	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL
	4-Nitrophenol	07/26/93	U	U	25	UG/L	UNFILTERED	NORMAL
	Acenaphthene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acenaphthylene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Anthracene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)anthracene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(a)pyrene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(b)fluoranthene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(g,h,i)perylene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzo(k)fluoranthene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Butyl benzyl phthalate	07/26/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Carbazole	07/26/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Chrysene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-butyl phthalate	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Di-n-octyl phthalate	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzo(a,h)anthracene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibenzofuran	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Diethyl phthalate	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dimethyl phthalate	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluoranthene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Fluorene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorobutadiene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachlorocyclopentadiene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Hexachloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Indeno(1,2,3-cd)pyrene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Isophorone	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitroso-di-n-propylamine	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	N-Nitrosodiphenylamine	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Naphthalene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Nitrobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pentachlorophenol	07/26/93	U	UJ	25	UG/L	UNFILTERED	NORMAL
	Phenanthrene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Phenol	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Pyrene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL

0792

5917

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3106 LOC-14	bis(2-Chloroethoxy)methane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroethyl)ether	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	bis(2-Chloroisopropyl) ether	07/26/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	bis(2-Ethylhexyl)phthalate	07/26/93	BJ	U	10	UG/L	UNFILTERED	NORMAL
	p-Chloroaniline	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,1-Trichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2,2-Tetrachloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1,2-Trichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,1-Dichloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloroethene (Total)	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	1,2-Dichloropropane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Butanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	2-Hexanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	4-Methyl-2-pentanone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Acetone	07/26/93	U	UJ	10	UG/L	UNFILTERED	NORMAL
	Acetone	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Benzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromodichloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromoform	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Bromomethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Carbon disulfide	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chlorobenzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloroform	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	07/26/93	U	R	10	UG/L	UNFILTERED	NORMAL
	Chloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Dibromochloromethane	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Ethylbenzene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Methylene chloride	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL

0193

5217

1993 RCRA GROUNDWATER RESULTS FROM 3RD AND 4TH QUARTER

Well	Parameter	Sample Date	Lab Qualifier	Validation Qualifier	Validated Result	Units	Filter Flag	Qa Type
3106 LOC-14	Styrene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Styrene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Tetrachloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Toluene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Trichloroethene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Vinyl chloride	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	cis-1,3-Dichloropropene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	07/26/93	U	U	10	UG/L	UNFILTERED	NORMAL
	trans-1,3-Dichloropropene	09/16/93	U	U	10	UG/L	UNFILTERED	NORMAL
	Gross Alpha	07/26/93	U	UJ	2.7	pCi/l	UNFILTERED	NORMAL
	Gross Alpha	09/16/93		J	1.8	pCi/l	UNFILTERED	NORMAL
	Gross Beta	07/26/93	U	U	3.3	pCi/l	UNFILTERED	NORMAL
	Gross Beta	09/16/93		J	3.7	pCi/l	UNFILTERED	NORMAL
	Radium-226	07/26/93	U	U	.5	pCi/l	UNFILTERED	NORMAL
	Radium-226	09/16/93	U	U	.8	pCi/l	UNFILTERED	NORMAL
	Radium-228	07/26/93	U	U	2.6	pCi/l	UNFILTERED	NORMAL
	Radium-228	09/16/93	U	U	1.9	pCi/l	UNFILTERED	NORMAL
	Technetium-99	07/26/93	U	U	13.1	pCi/l	UNFILTERED	NORMAL
	Technetium-99	09/16/93	U	U	13.4	pCi/l	UNFILTERED	NORMAL
	Thorium, Total	07/26/93		J	1.8348	UG/L	UNFILTERED	NORMAL
	Thorium, Total	09/16/93	U	U	.9174	UG/L	UNFILTERED	NORMAL
	Thorium-228	07/26/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-228	09/16/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Thorium-230	07/26/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-230	09/16/93		J	.4	pCi/l	UNFILTERED	NORMAL
	Thorium-232	07/26/93		J	.2	pCi/l	UNFILTERED	NORMAL
	Thorium-232	09/16/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium, Total	07/26/93		-	1.6	ug/L	UNFILTERED	NORMAL
	Uranium, Total	09/16/93		-	1	ug/L	UNFILTERED	NORMAL
	Uranium-234	07/26/93		J	.9	pCi/l	UNFILTERED	NORMAL
	Uranium-234	09/16/93		-	.6	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	07/26/93		J	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-235/236	09/16/93	U	U	.1	pCi/l	UNFILTERED	NORMAL
	Uranium-238	07/26/93		J	.5	pCi/l	UNFILTERED	NORMAL
	Uranium-238	09/16/93		-	.5	pCi/l	UNFILTERED	NORMAL

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6372 rows selected.

5217

APPENDIX F

GLOSSARY OF LABORATORY DATA QUALIFIERS AND VALIDATION QUALIFIERS

Appendix F contains all the definitions of all the inorganic and organic qualifiers assigned by the laboratories after the generation of the data and applicable quality control analyses. It also contains all inorganic, organic, and radiochemical validation qualifiers assigned by the data validation staff after the technical review of the data. The definitions for the laboratory qualifiers are as defined by the 1991 analytical Contract Laboratory Program (CLP) Statements of Work for Organic and Inorganic Analyses. The FERMCO Data Validation department and the FEMP Sitewide CERCLA Quality Assurance Project Plan (SCQ) have standardized the validation qualifier definitions.

I. LABORATORY QUALIFIERS

A. Inorganic Laboratory Qualifiers

U Result was less than the Instrument Detection Limit (IDL); analyte is undetected. Associated numerical value is the Detection Limit.

B Reported result is greater than the IDL, but less than the Contract Required Detection Limit (CRDL); analyte is detected.

N Matrix spike recovery associated with this result was outside of control limits of 75%-125%; result should be considered estimated.

S Analytical result reported from the Method of Standard Additions (MSA) instead of from the standard calibration curve generated for this analyte. Result should be considered confident unless additional codes are used in conjunction with the "S" code.

+ Result that was reported from the MSA analysis which exhibited analytical linearity below the required correlation coefficient value of 0.995; result should be considered estimated.

W Result generated from Graphite Furnace Atomic Absorption (GFAA) analysis, and Post-digestion spike recovery associated with this result was outside of allowable range; consider result estimated.

E Analytical result considered estimated because of suspected matrix interference as demonstrated by non-compliant serial dilution data for associated sample.

***** The laboratory duplicate results are not within the control limits; the result should be considered estimated.

B. Organic Laboratory Qualifiers

U Analyte is undetected; numerical value is detection limit (usually Contract Required Quantitation Limit, CRQL)

J Analyte is detected; result considered quantitatively estimated because value is less than the CRQL (the result is below the calibration range of the instrument).

B Analyte also detected in an associated laboratory blank. Positive result for analyte should be considered suspect-probably the result of lab blank contamination rather than present in the actual sample.

N Presumptive presence of analyte, i.e., tentatively identified. Used with target compounds to denote marginal chromatographic and/or mass spectral quality of the sample as compared to the calibration and/or reference chromatograms and/or mass spectra.

NJ Used with 1) "tentatively identified compounds" (TICs) to indicate possible presence of nontarget compounds for which there was no calibration performed. Lab uses a National Institute of Standards and Technology software program to produce these TICs. 2) Denotes a presumptive target analyte that is quantitatively below the calibration range of the instrument.

E Result exceeds calibration range of instrument; result should be considered quantitatively estimated.

D Result obtained from diluted reanalysis of sample; usually represents a more accurate value.

C Result for pesticide/polychlorinated biphenyl (PCB) compound is confirmed by mass spectral identification; highest level of confidence for the identification of these analytes.

P Result for pesticide/PCB exhibits significant imprecision between two chromatographic columns; lab reports lower value.

X Used for miscellaneous purposes; lab-defined qualifier; often denotes operator intervention/manipulation of raw data to produce reported result.

II. VALIDATION QUALIFIERS

U This analyte was analyzed for, but not detected at levels up to the corresponding limit of detection. This qualifier is also used to denote a value that was adjusted by the 5X/10X rule for evaluation of blank data, as required by EPA validation protocol. (Used with inorganic, organic and radiochemical analytes.)

UJ This analyte was analyzed for, but not detected. The associated detection limits should be considered estimated due to noncompliant quality control (QC) associated with the analysis. Direction of bias, if any, is indicated in Data Validation Summary Report. (Used with inorganic, organic, and radiochemical analytes.)

N This organic analyte was tentatively identified as a result of marginal/questionable mass spectral and/or chromatographic quality of the sample as compared to calibration/reference standards. Data so qualified should not be used for baseline risk assessment evaluations. "N" is also used in radiochemistry validation when there are problems noted with standards or tracers that cause some doubt as to the quality of the data for specific isotopes; the Data Validation Summary Report will clarify the use of this code when these instances occur.

R These data are considered unreliable/unusable for any quantitative purpose, with the possible exception of a general assessment of nature and extent. "R" denotes unreliable data quality with respect to analyte identification and/or quantitation. (Used with all analyses.)

J These data are considered quantitatively estimated, and may be biased due to effects reflected in the associated QC results. Analyte identification is reliable, however, and EPA guidance allows the use of "J" qualified data to be used in baseline evaluation of risk assessment as well as nature and extent of contamination. This qualifier is also applied to organic data when the actual result is less than the CRQL; these data are also considered quantitatively estimated. "J" may carry additional meaning when used in radiochemical validation; the Data Validation Summary Report will further define the usage of this qualifier.

NV These data were not validated. Reasons for non-validation can be found in the Data Validation Summary Report associated with the data set. These data cannot be used in risk assessment evaluation.

C Result for pesticide/PCB compound is confirmed by mass spectral identification; this is the highest level of confidence for the identification of these analytes.

NJ Associated with organic nontarget tentatively identified compounds- lab does not calibrate for these compounds, and identification/quantitation is tentative (presumed present) at best.

Z This qualifier indicates that a more technically useable/representative result for this analyte exists in another analysis of this sample (a dilution, re-extraction, or reinjection). "Z" qualified data should not be used.

-(dash) A dash (-) indicates that the result is CONFIDENT AS REPORTED; the validator did NOT assign any of the above qualifiers to the positive result. (NOTE: When an undetected result is not further qualified, the validator will **still enter the "U" qualifier** in the validation qualifier column.)

APPENDIX G

TOTAL URANIUM, SULFATE, AND SPECIFIC CONDUCTANCE CONCENTRATION VERSUS TIME PLOTS FOR ROUTINE MONITORING PROGRAM WELLS

Appendix G contains the concentration versus time plots for the Routine Monitoring Program wells. Appendix G.1 contains data from 1993 and Appendix G.2 contains data from 1988 through 1993. Analytical data collected from the Routine Monitoring Program wells under programs other than the RCRA program was also included in these plots. If a well had been sampled prior to 1993, it was included in the format provided in Appendix G.2. Several of the Routine Monitoring Program wells were installed during 1993 and therefore are not provided in Appendix A.2.

As directed by the OEPA, concentration versus time plots were provided for total uranium, sulfate and specific conductance data. If a parameter was not detected, it was not identified on the concentration versus time plots. Since only detected results were included on the plots, some Routine Monitoring Program wells may appear to be unsampled. However, this is not the case. Refer to Table 4-3 for specific sample dates of these wells.

The highest concentration for each parameter determined the scales used for these plots. Scales for these wells were kept consistent except for those wells that monitor the South Plume. Since 31 of the 33 wells had total uranium results less than 10 μg/L, a scale of 0 to 10 μg/L was used for these wells. The two wells that monitor the South Plume, 2106 and 3069, have had total uranium results as high as 60 μg/L. The total uranium scale of 0 to 100 μg/L was used for these two wells.

APPENDIX G.1

CONCENTRATION VERSUS TIME PLOTS OF DATA FROM 1993

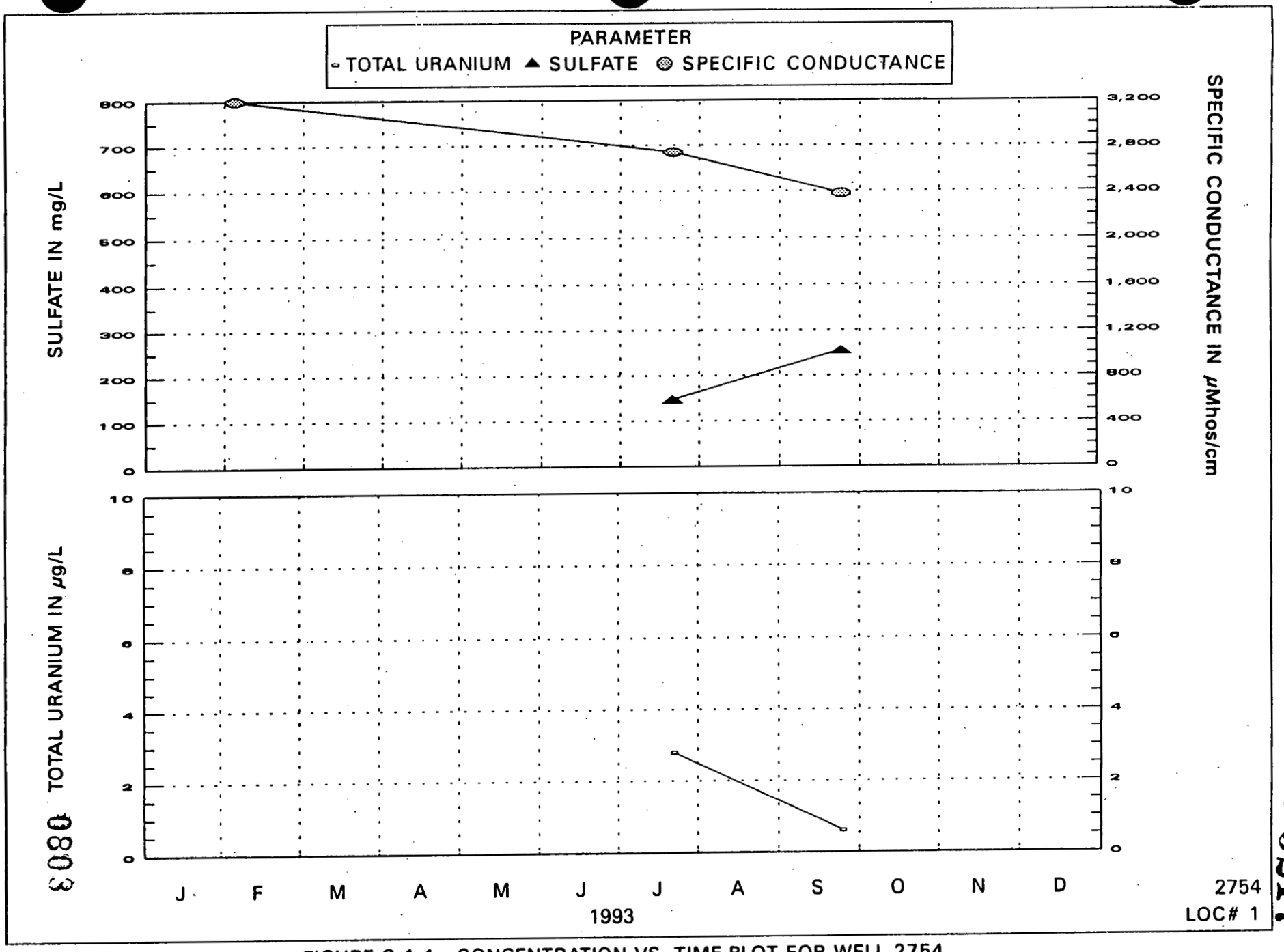


FIGURE G-1-1. CONCENTRATION VS. TIME PLOT FOR WELL 2754

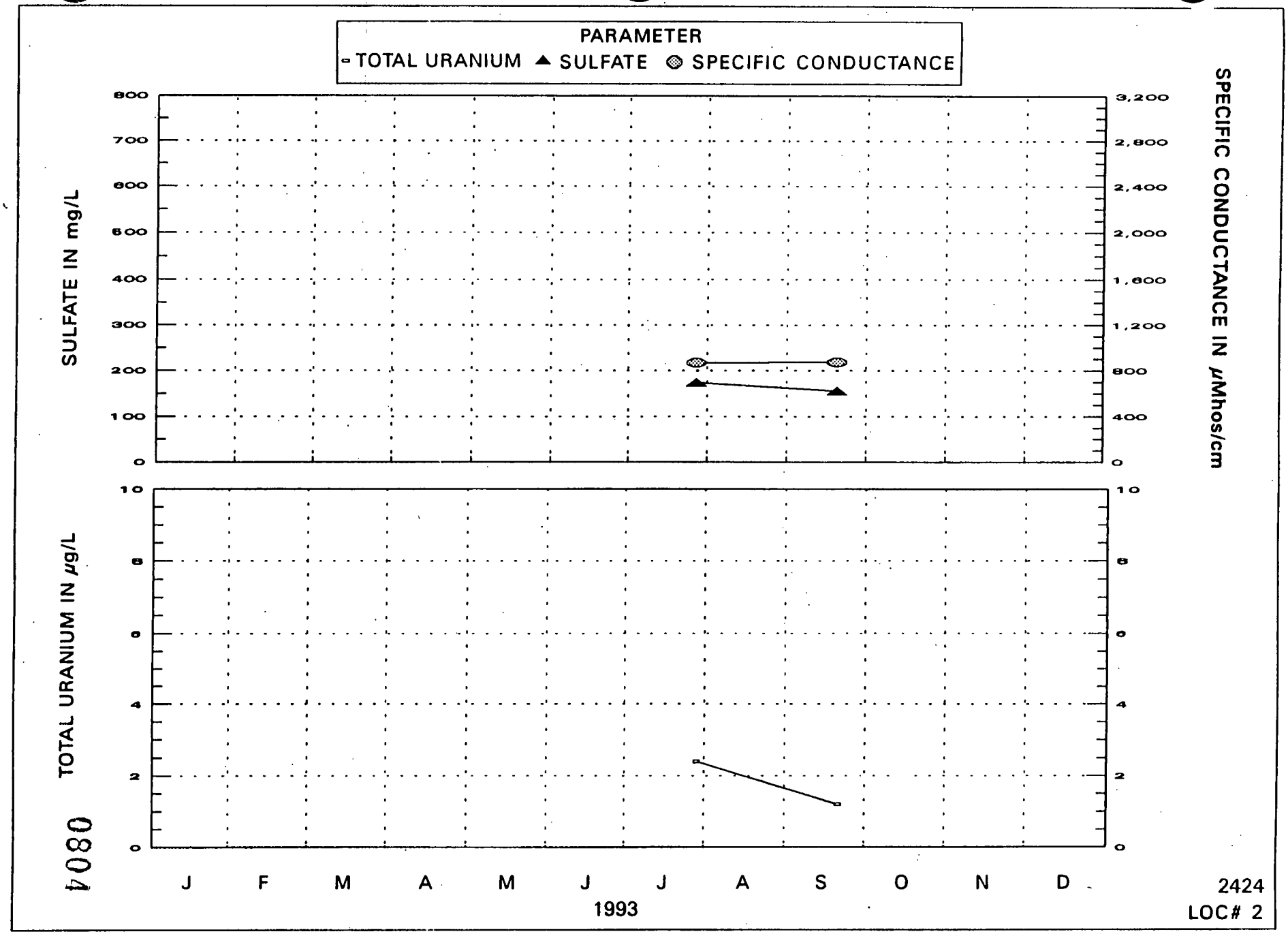


FIGURE G-1-2. CONCENTRATION VS. TIME PLOT FOR WELL 2424

0804

- 5217

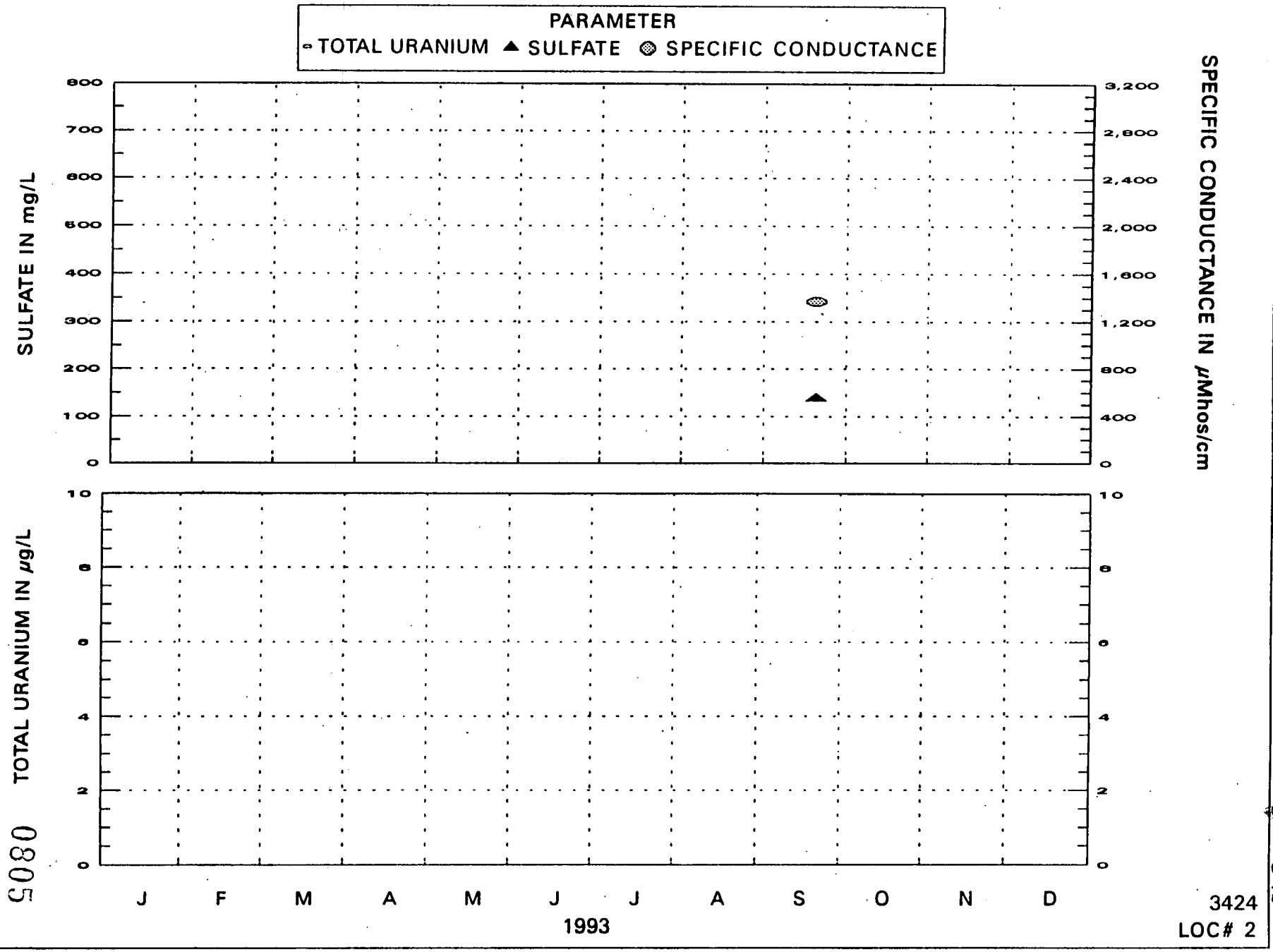


FIGURE G-1-3. CONCENTRATION VS. TIME PLOT FOR WELL 3424

5080

5217

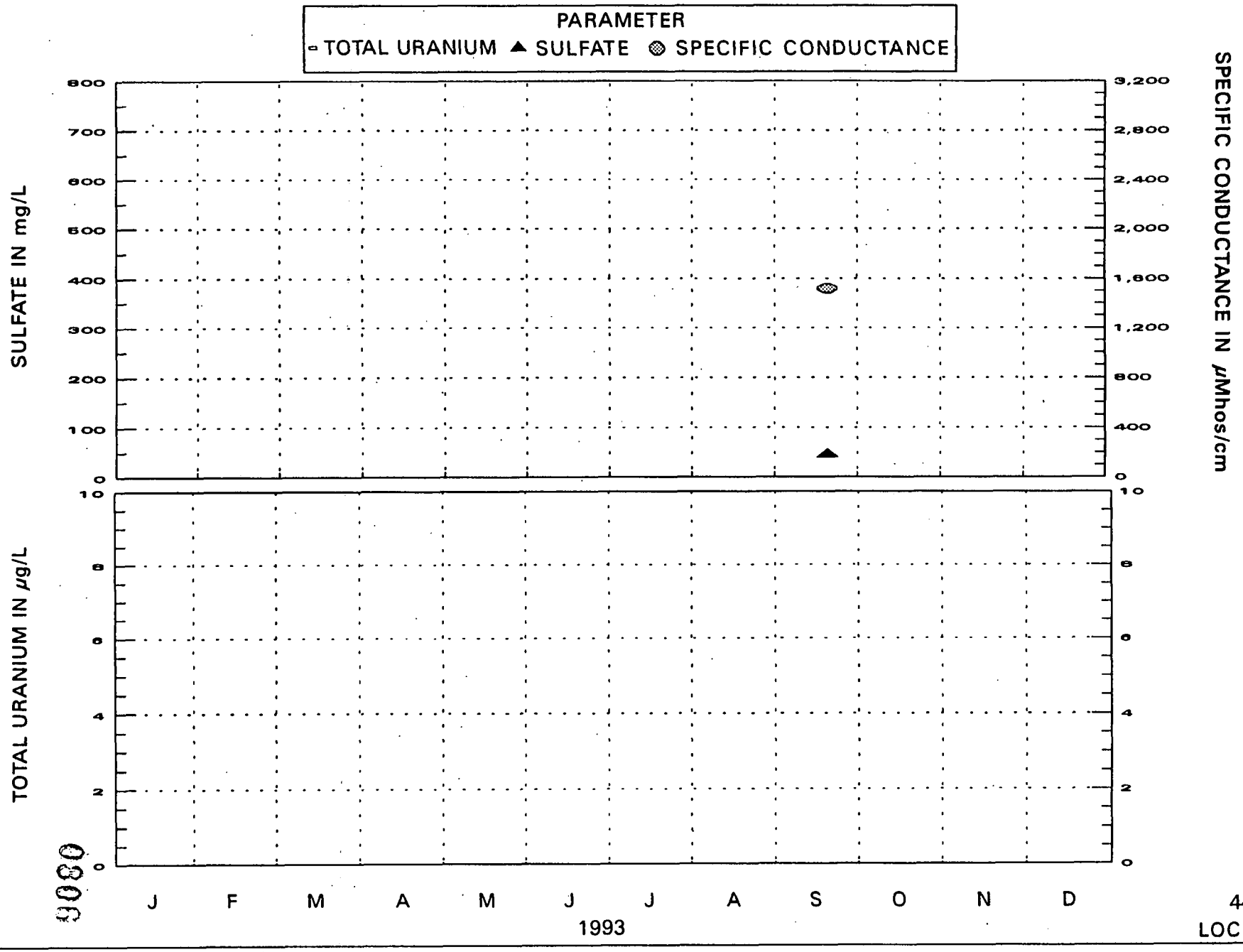


FIGURE G-1-4. CONCENTRATION VS. TIME PLOT FOR WELL 4424

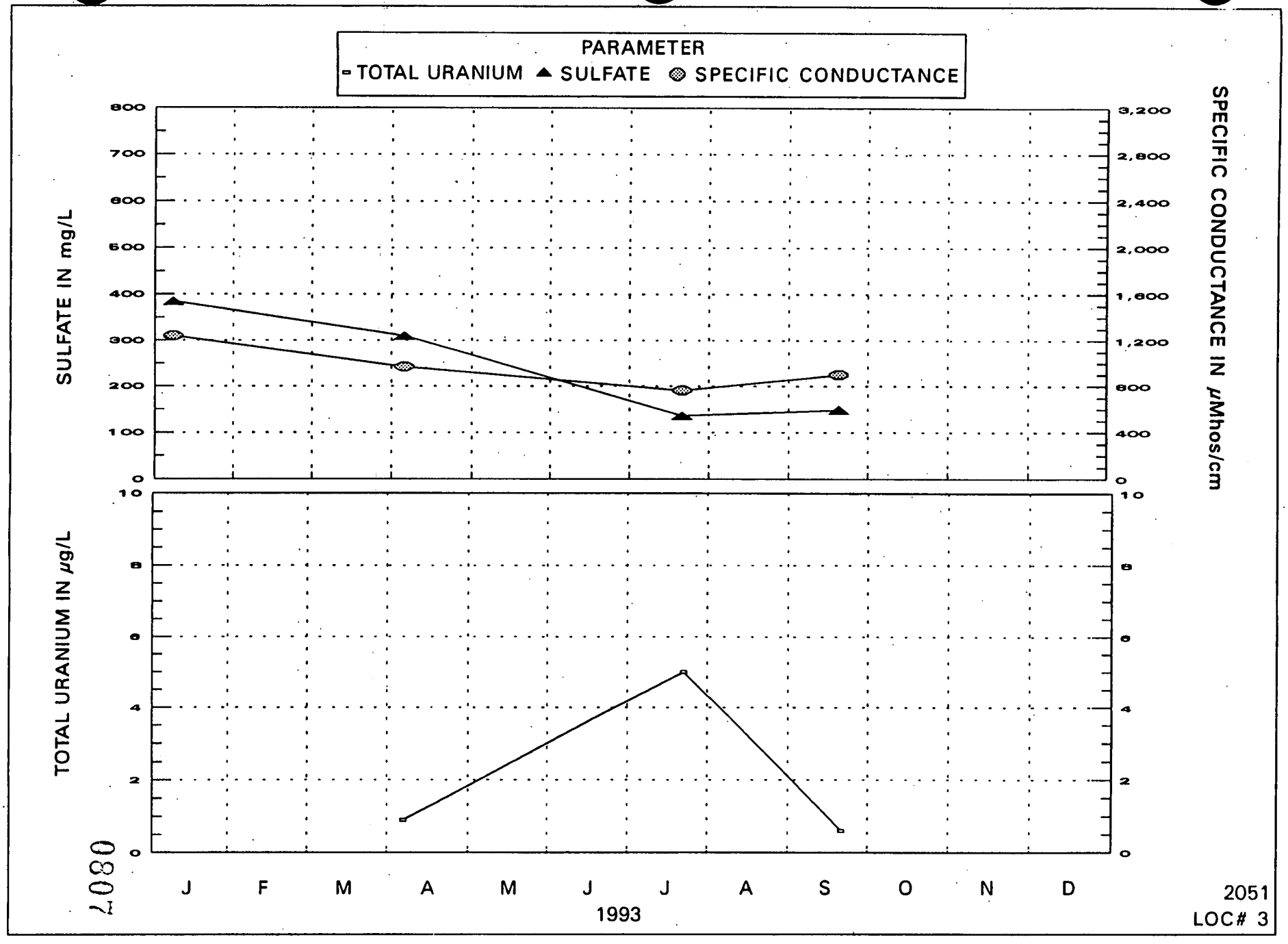


FIGURE G-1-5. CONCENTRATION VS. TIME PLOT FOR WELL 2051

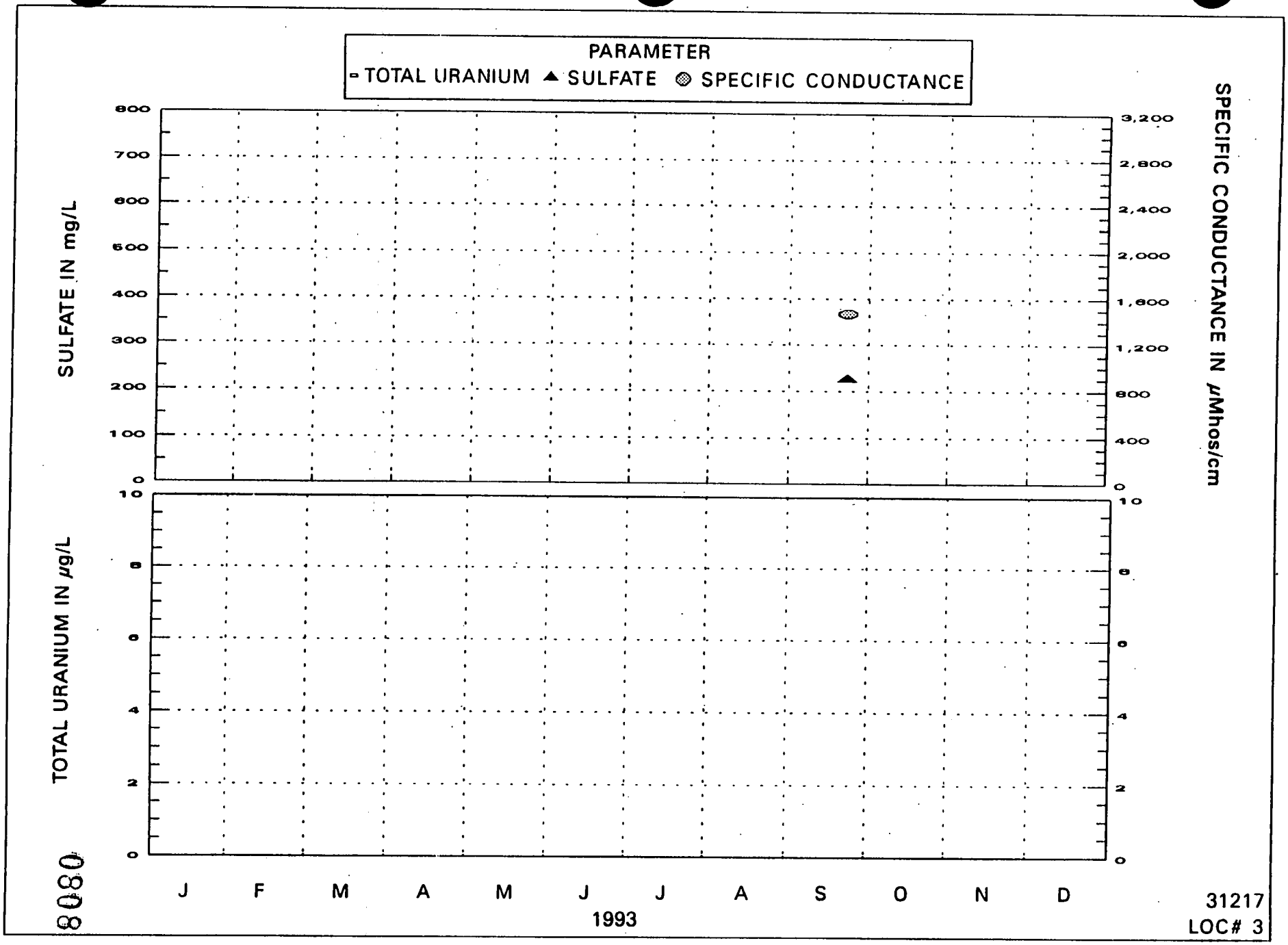


FIGURE G-1-6. CONCENTRATION VS. TIME PLOT FOR WELL 31217

8080

- 5217

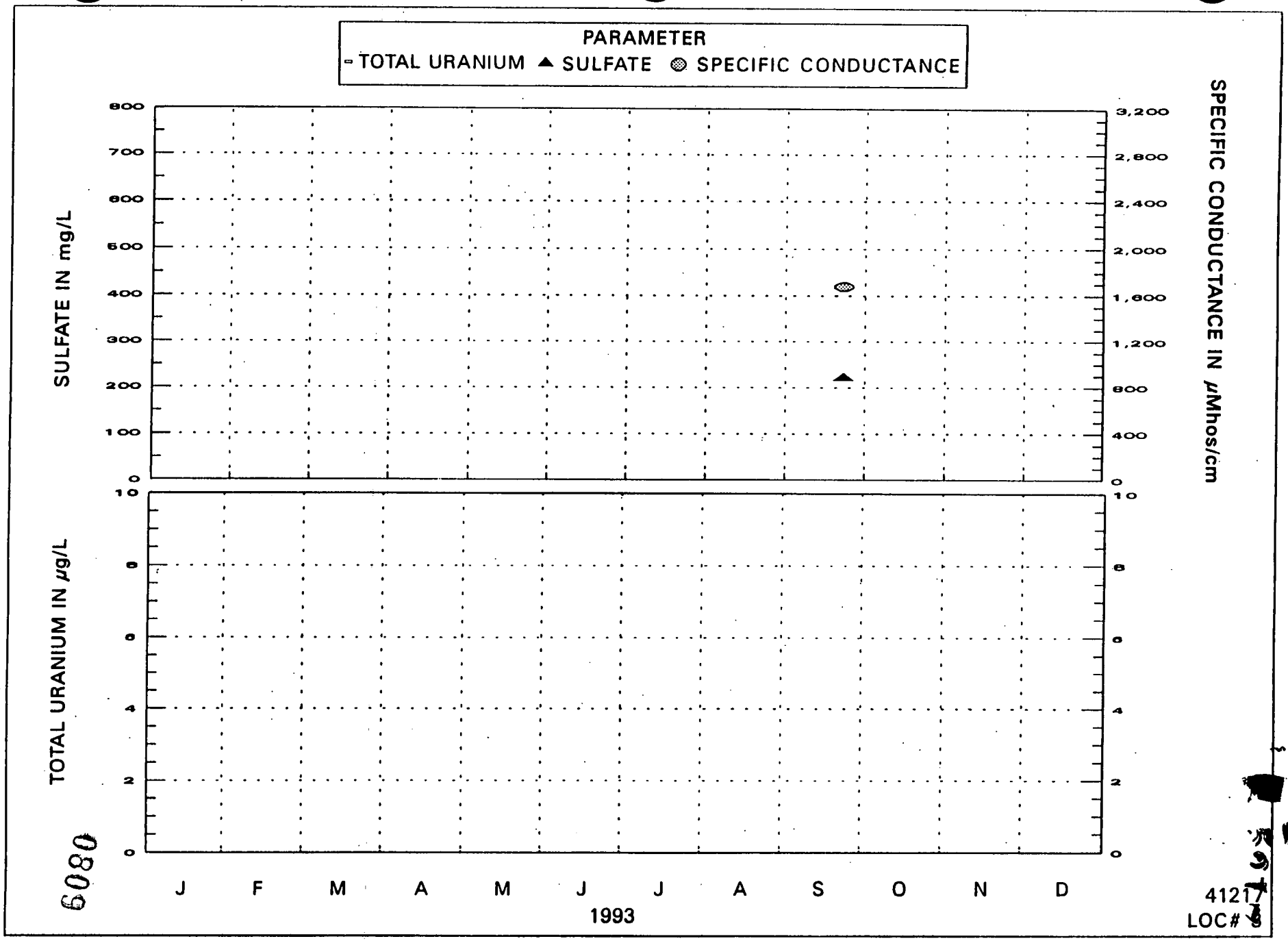


FIGURE G-1-7. CONCENTRATION VS. TIME PLOT FOR WELL 41217

6080

5217

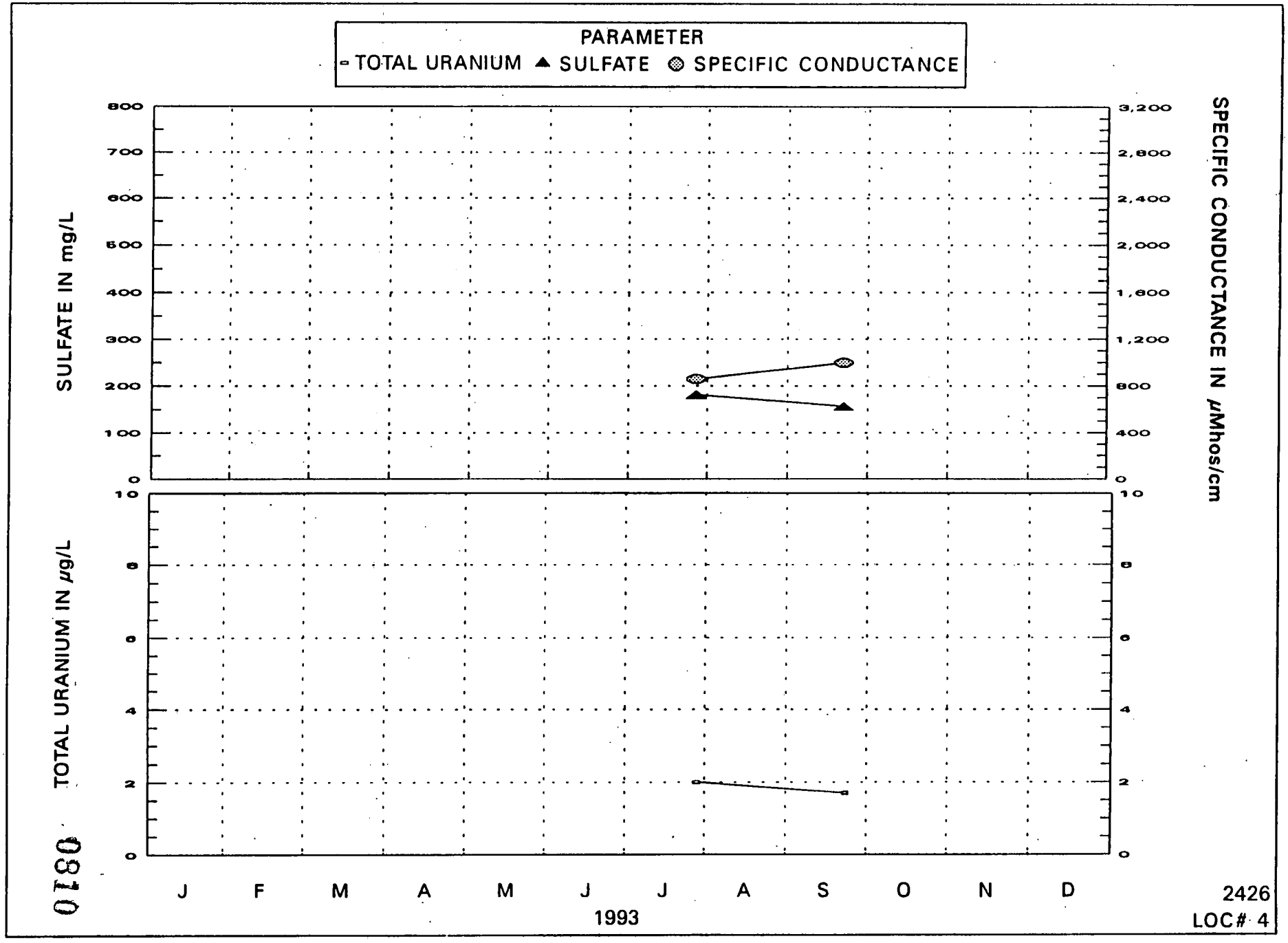


FIGURE G-1-8. CONCENTRATION VS. TIME PLOT FOR WELL 2426

0810

5217

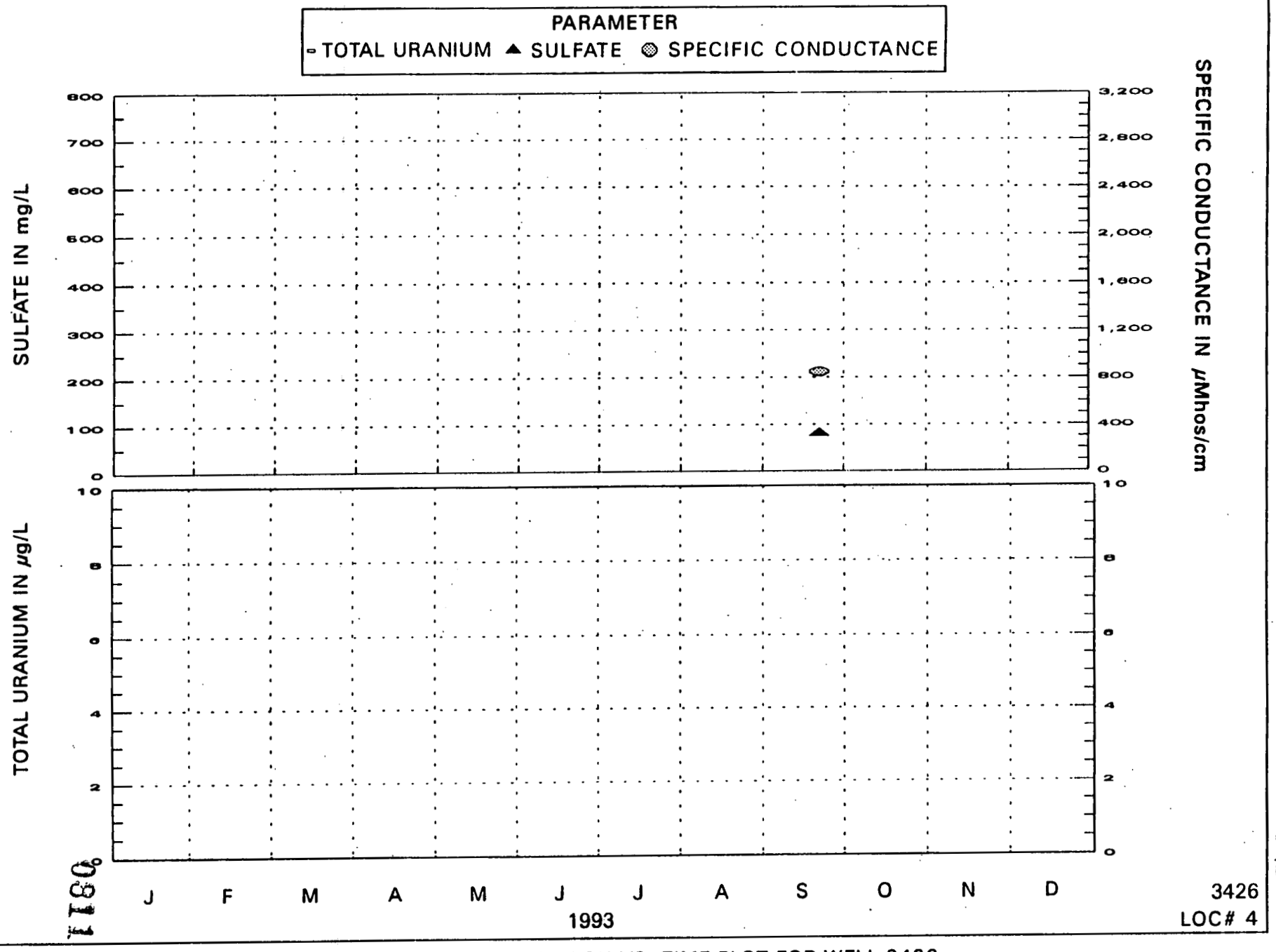


FIGURE G-1-9. CONCENTRATION VS. TIME PLOT FOR WELL 3426

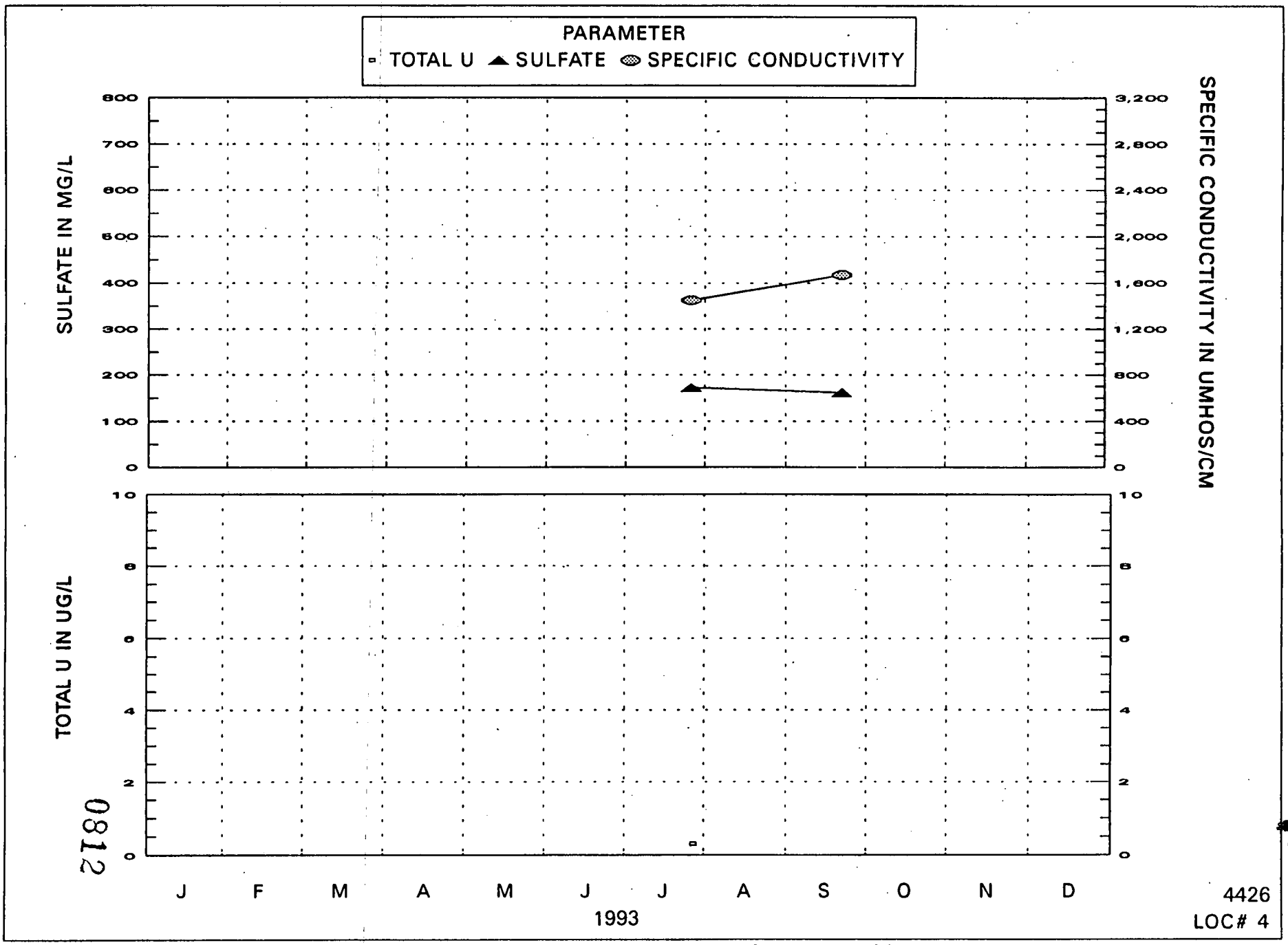


FIGURE G-1-10. CONCENTRATION VS. TIME FOR WELL 4426

0812

5917

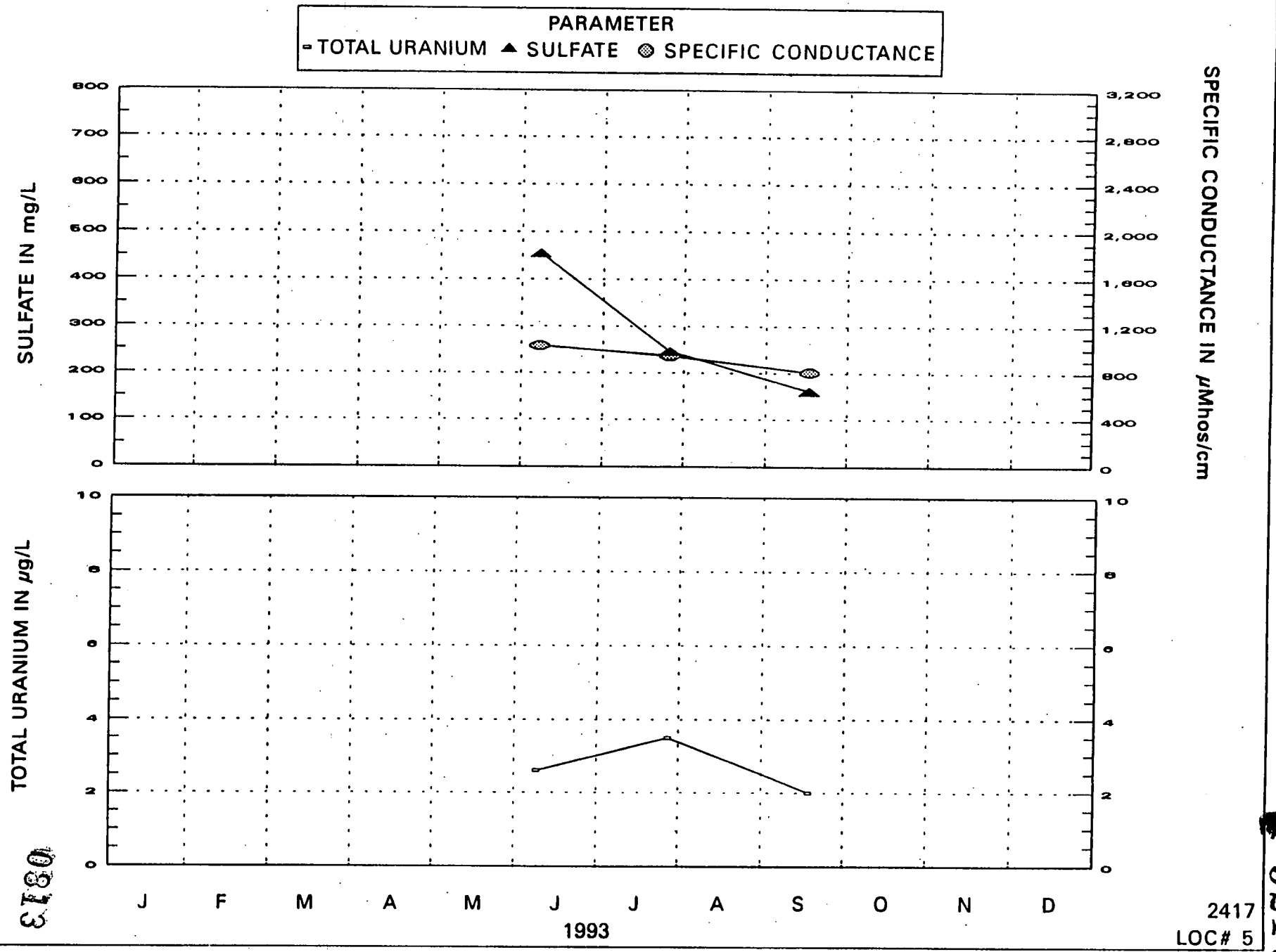


FIGURE G-1-11. CONCENTRATION VS. TIME PLOT FOR WELL 2417

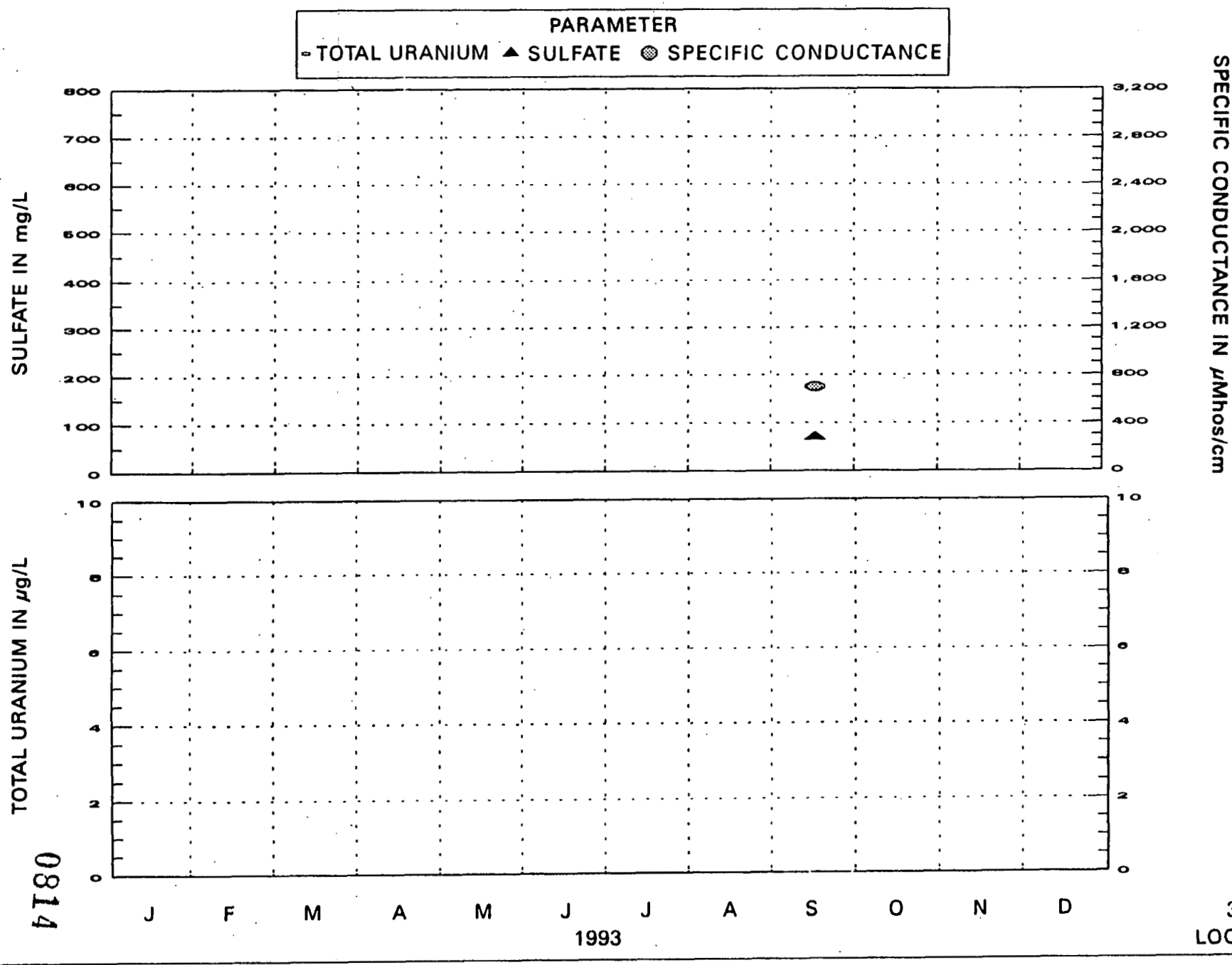


FIGURE G-1-12. CONCENTRATIO VS. TIME PLOT FOR WELL 3417

0814

5217

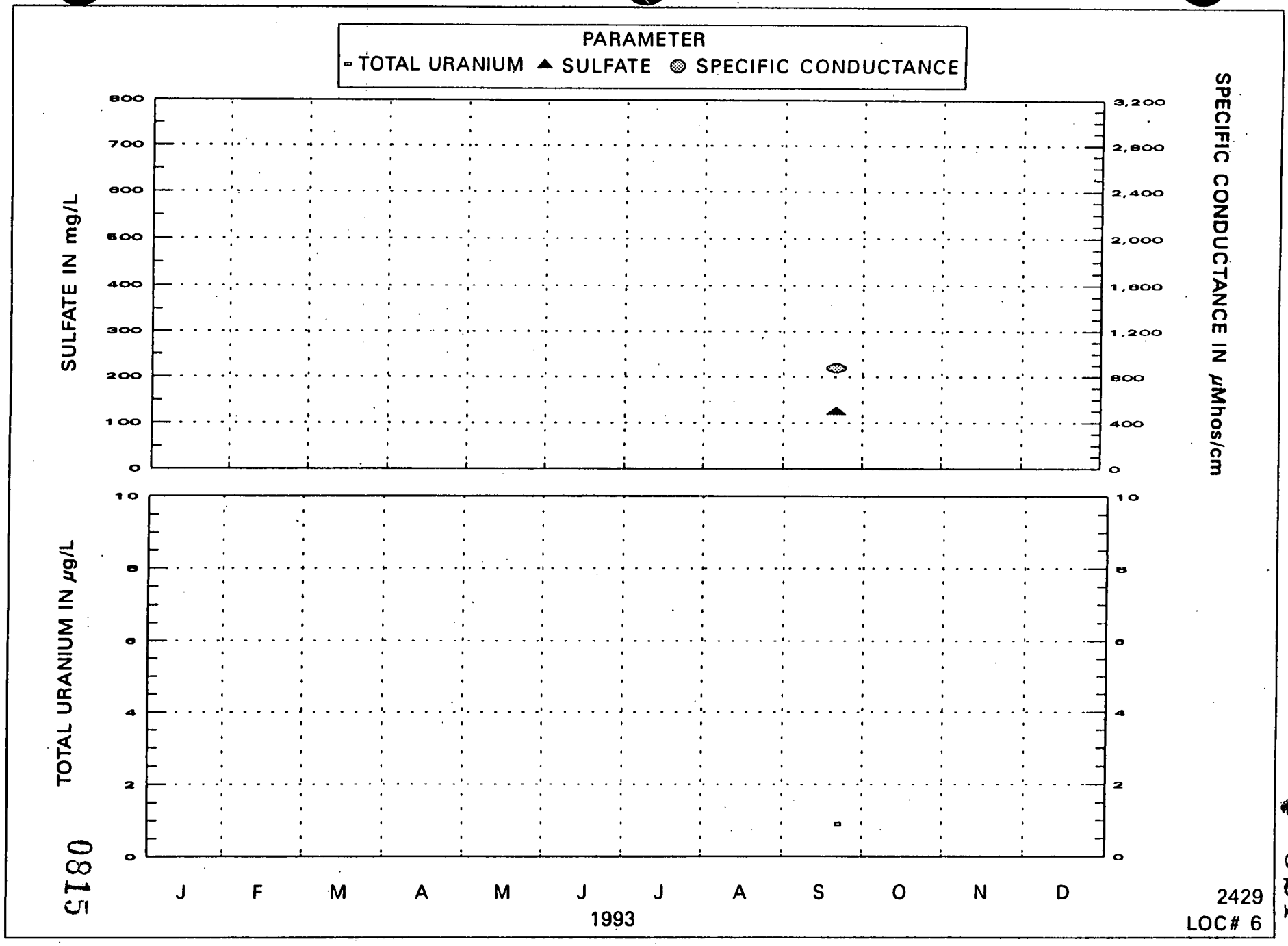


FIGURE G-1-13. CONCENTRATION VS. TIME PLOT FOR WELL 2429

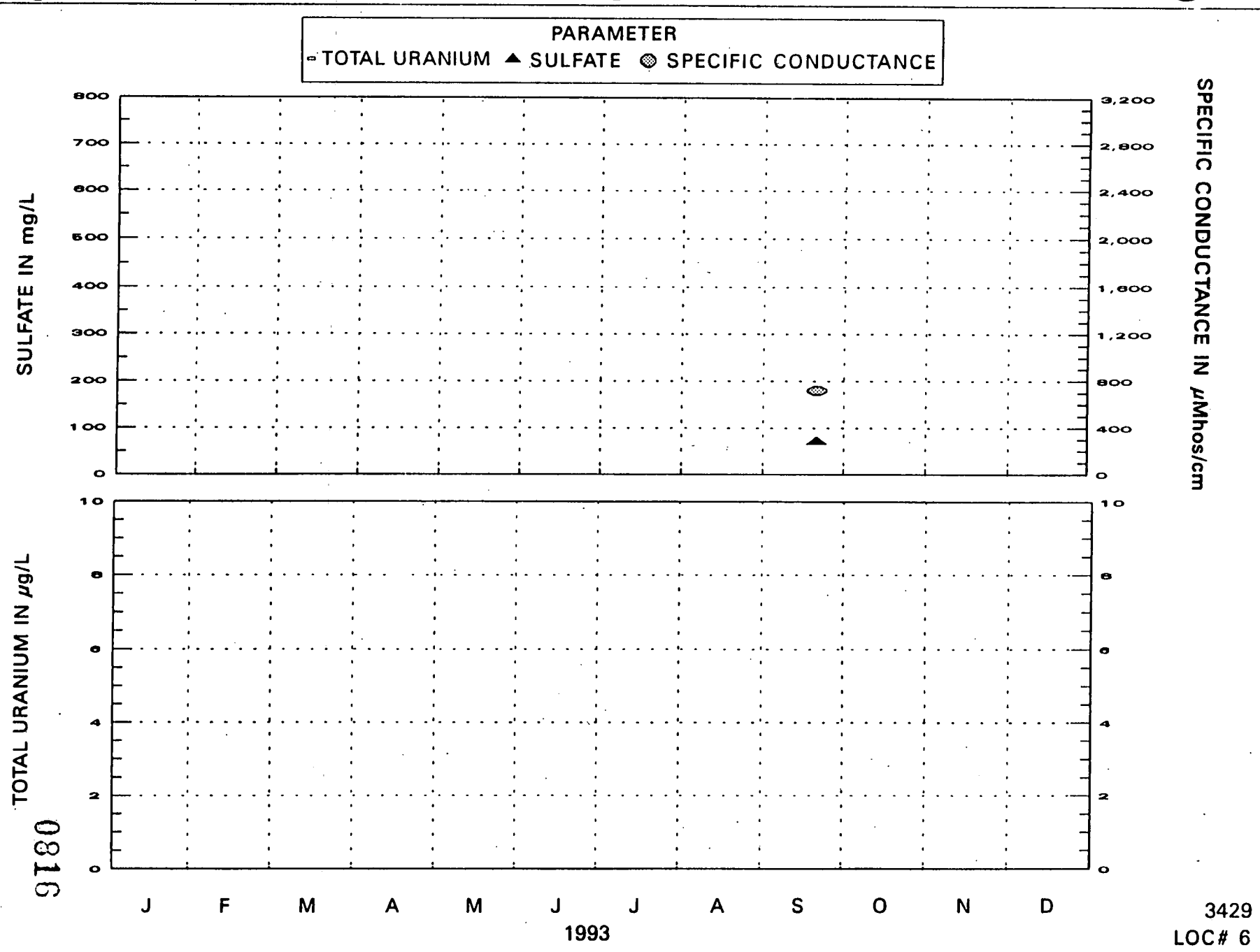


FIGURE G-1-14. CONCENTRATION VS. TIME PLOT FOR WELL 3429

0816

5217

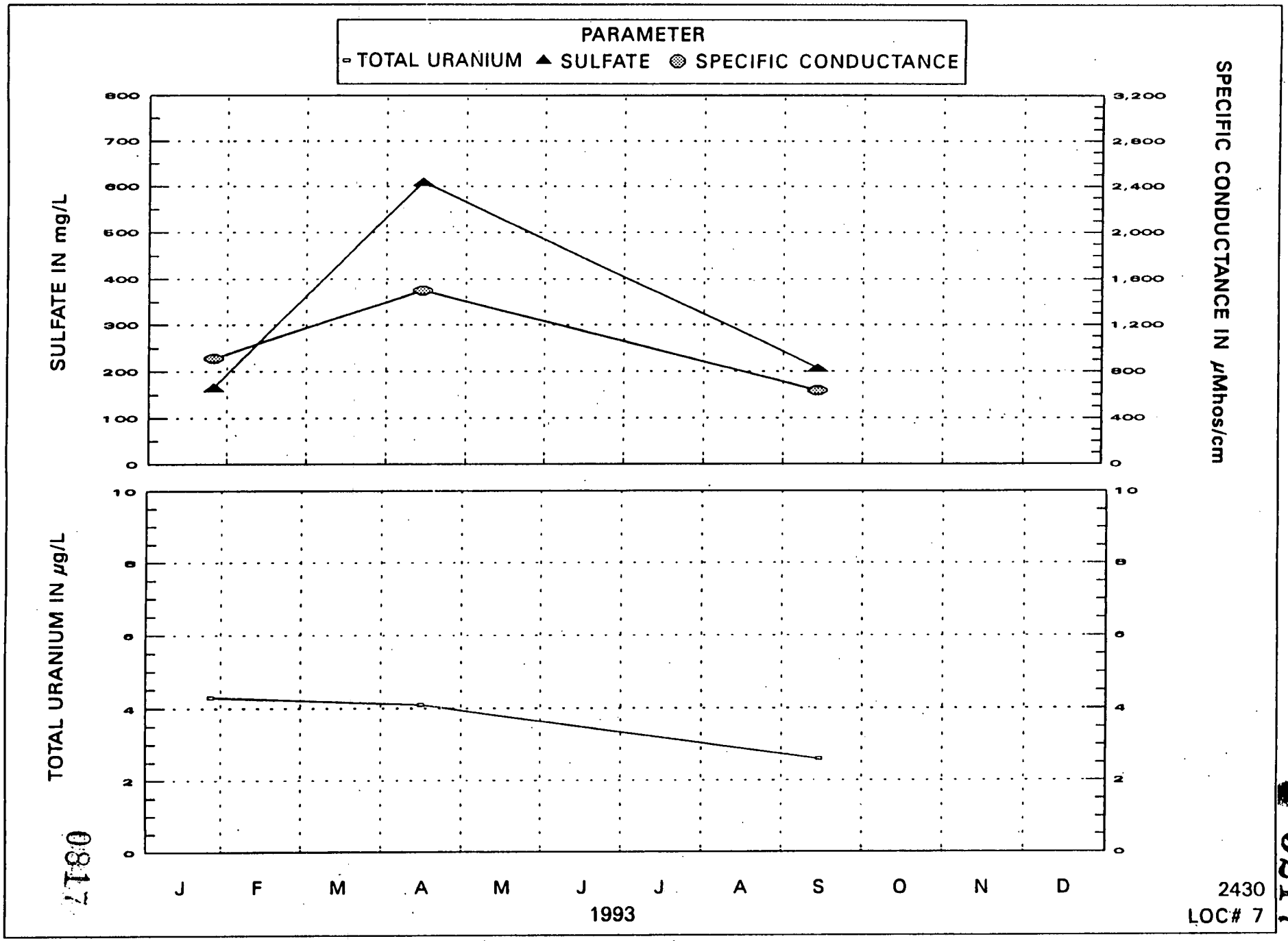


FIGURE G-1-15. CONCENTRATION VS. TIME PLOT FOR WELL 2430

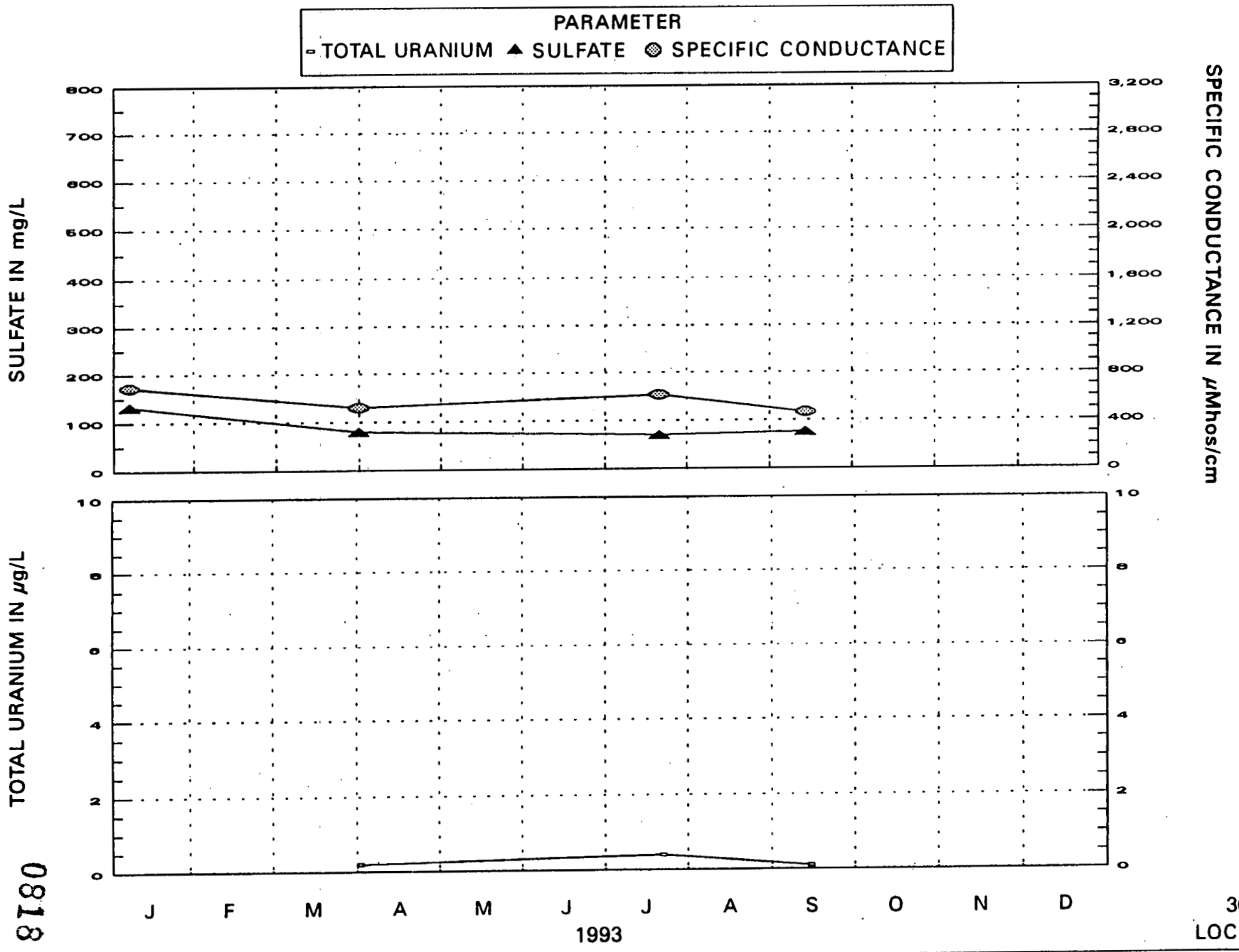


FIGURE G-1-16. CONCENTRATION VS. TIME PLOT FOR WELL 3067

0818

5217

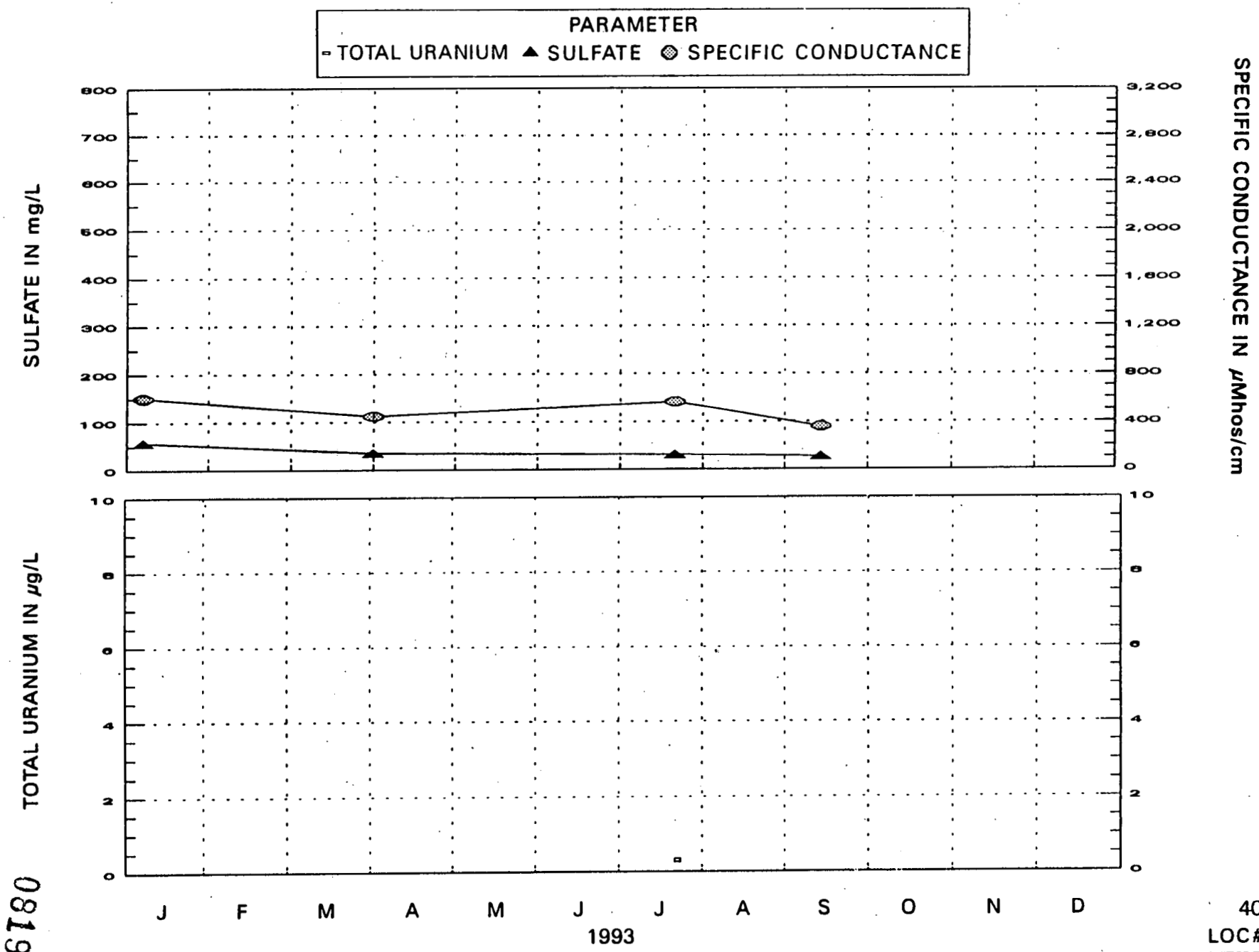


FIGURE G-1-17. CONCENTRATION VS. TIME PLOT FOR WELL 4067

08119

5217

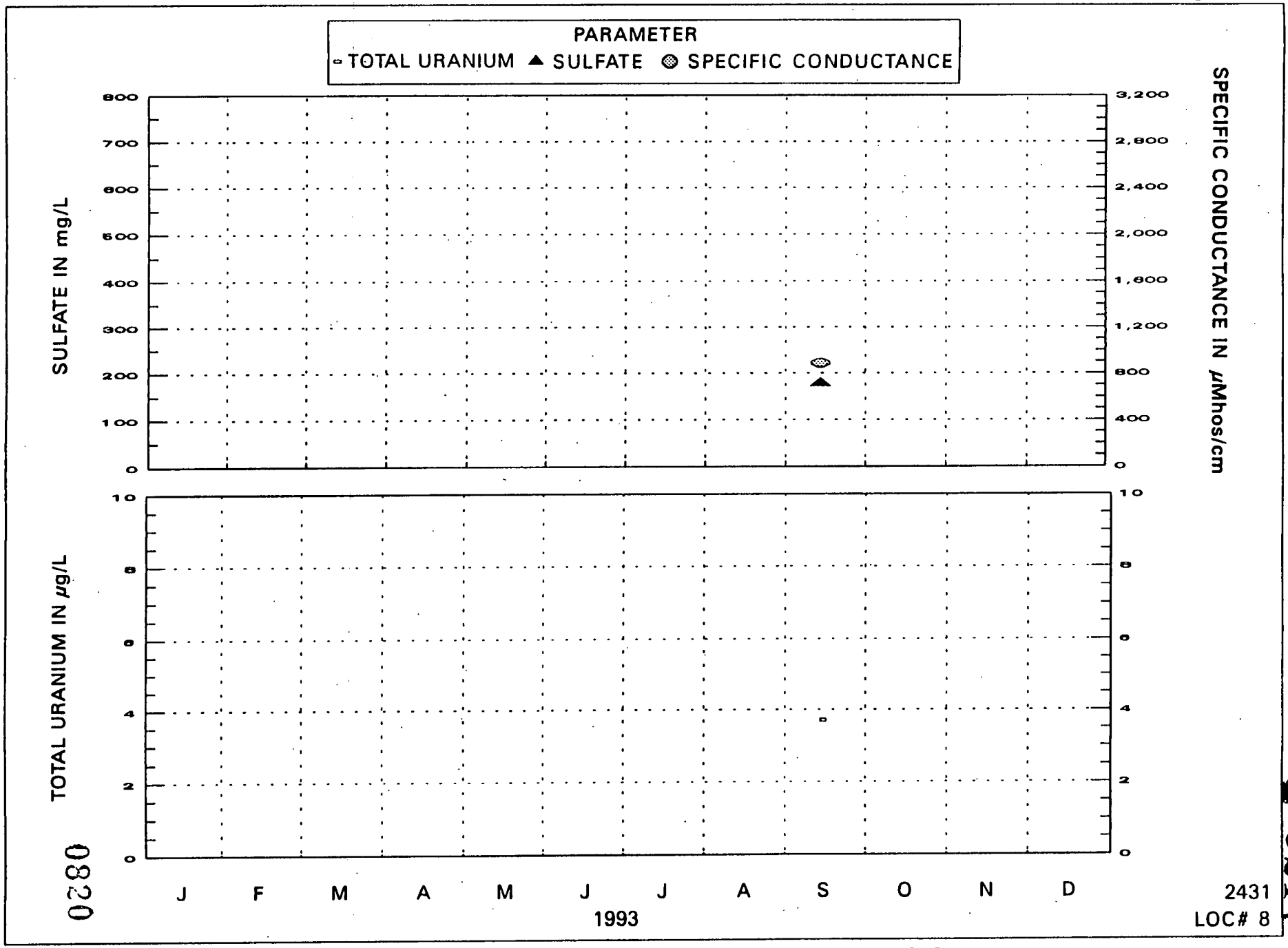


FIGURE G-1-18. CONCENTRATION VS. TIME PLOT FOR WELL 2431

0820

5217

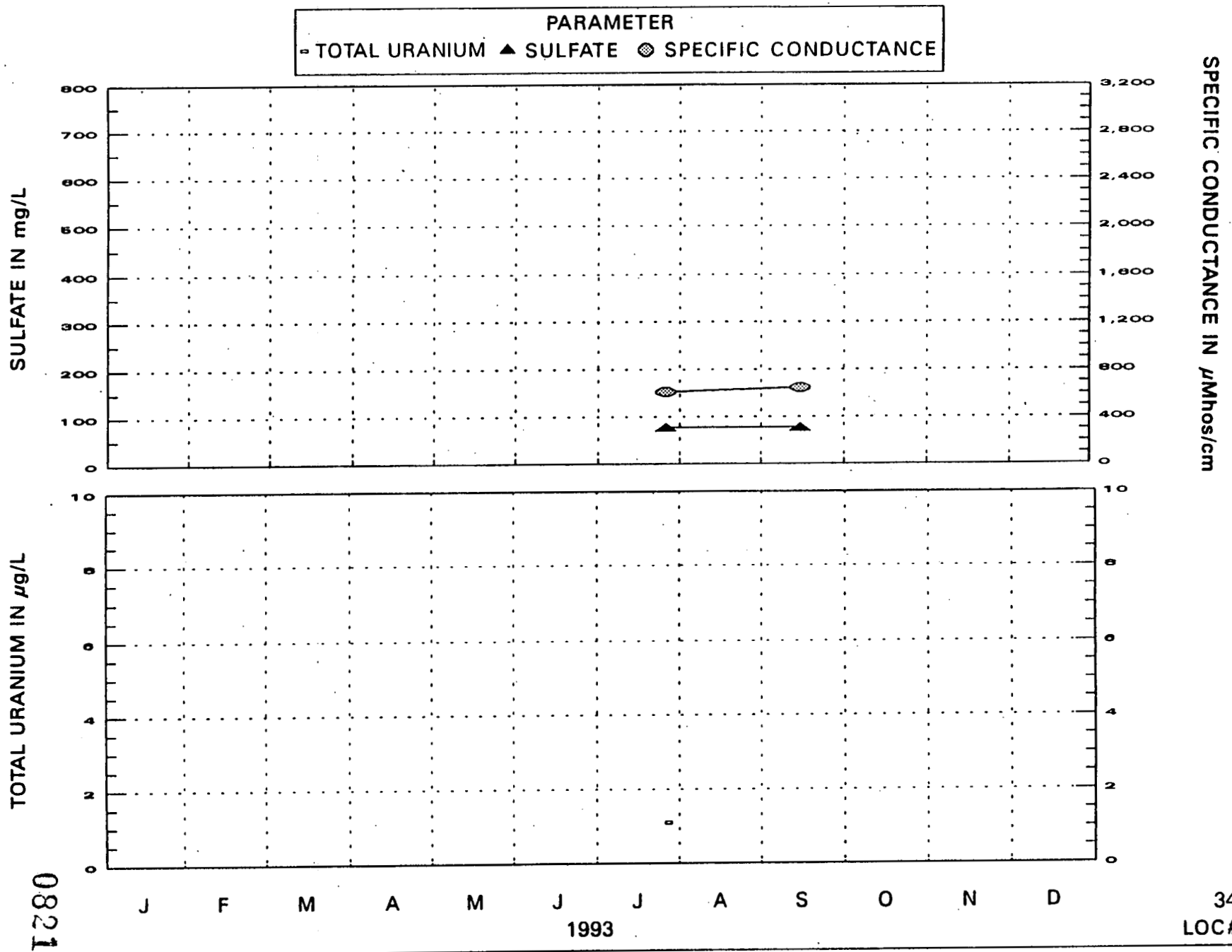


FIGURE G-1-19. CONCENTRATION VS. TIME PLOT FOR WELL 3431

0821

5917

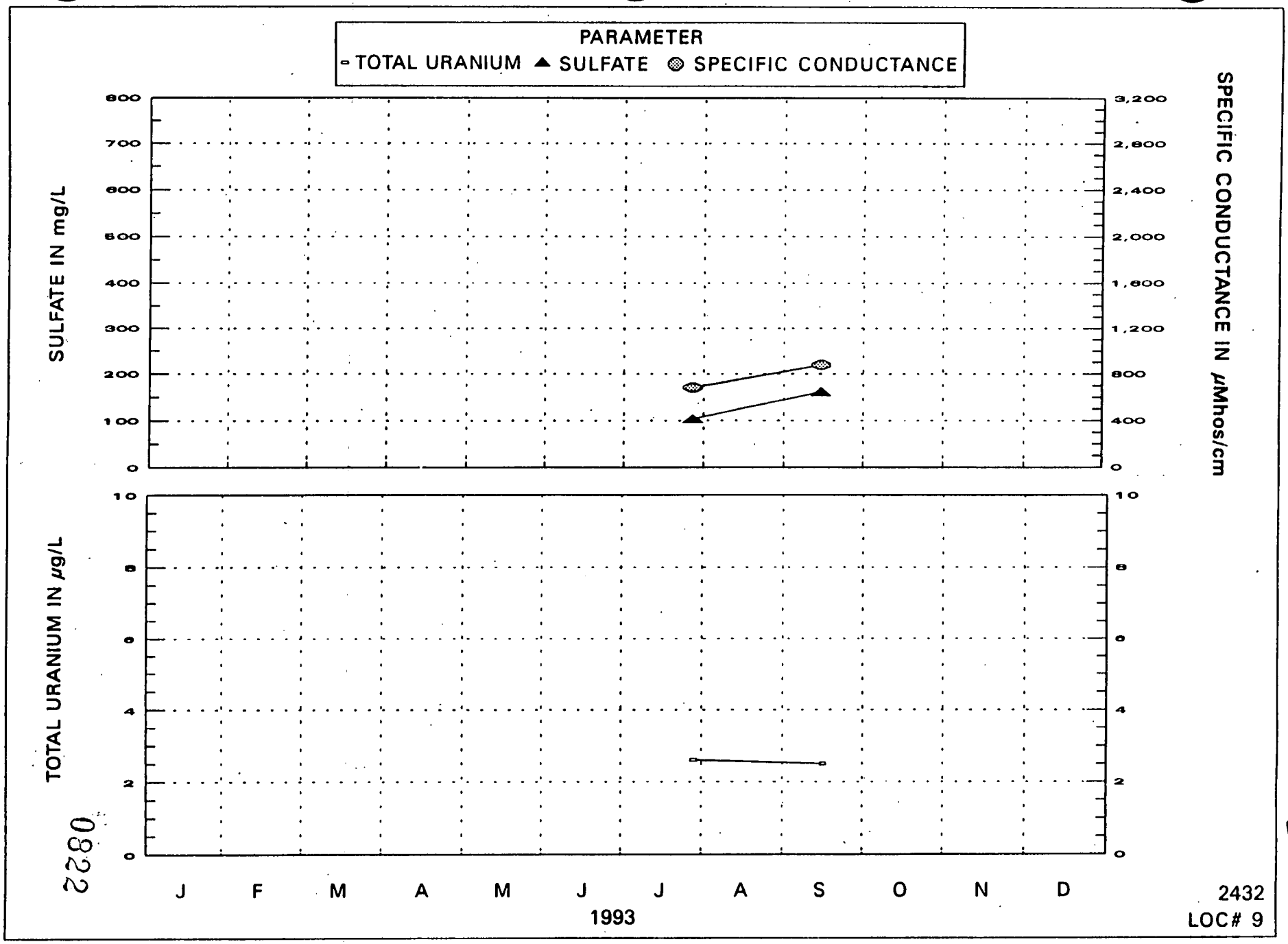


FIGURE G-1-20. CONCENTRATION VS. TIME PLOT FOR WELL 2432

0822

5217

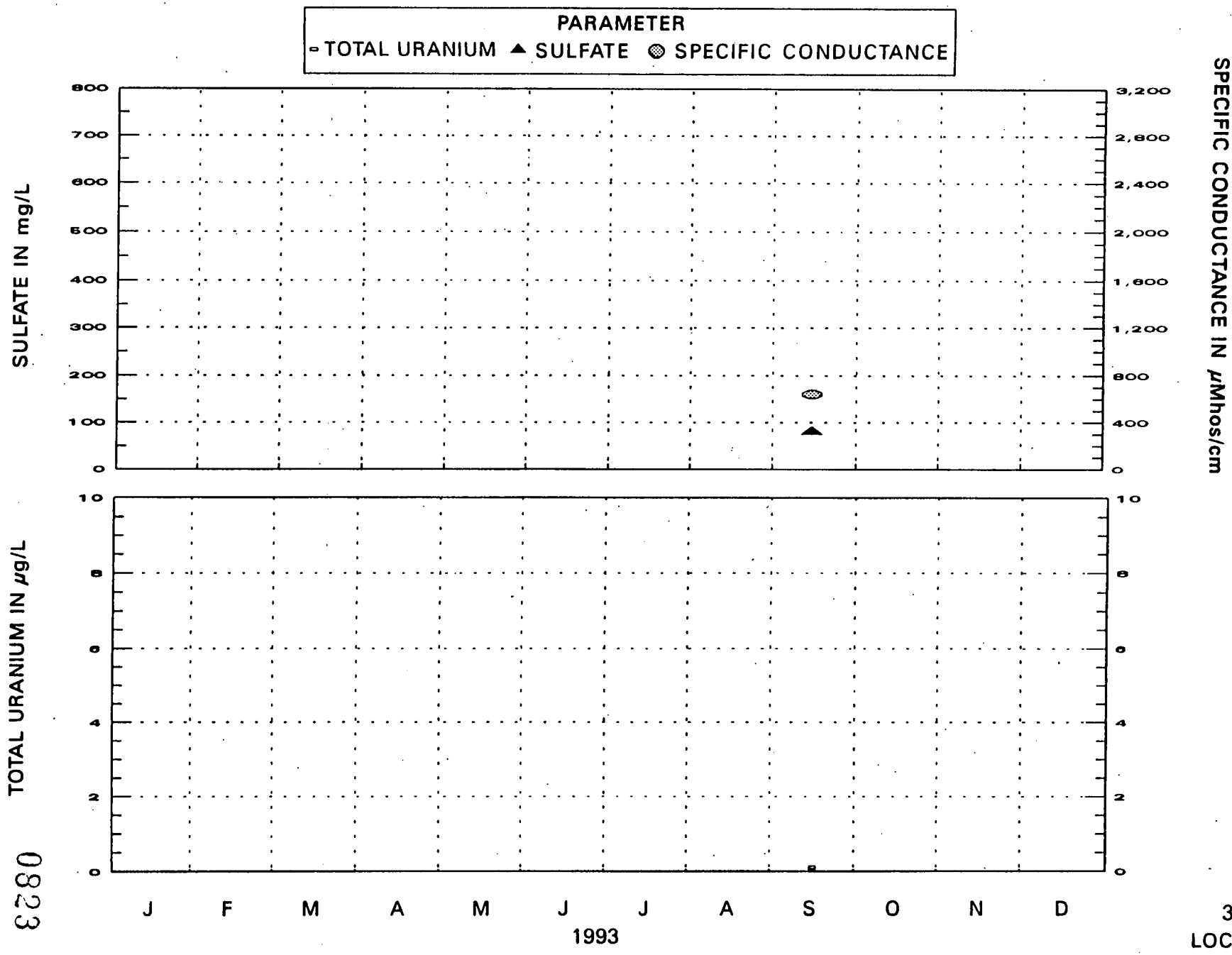


FIGURE G-1-21. CONCENTRATION VS. TIME PLOT FOR WELL 3432

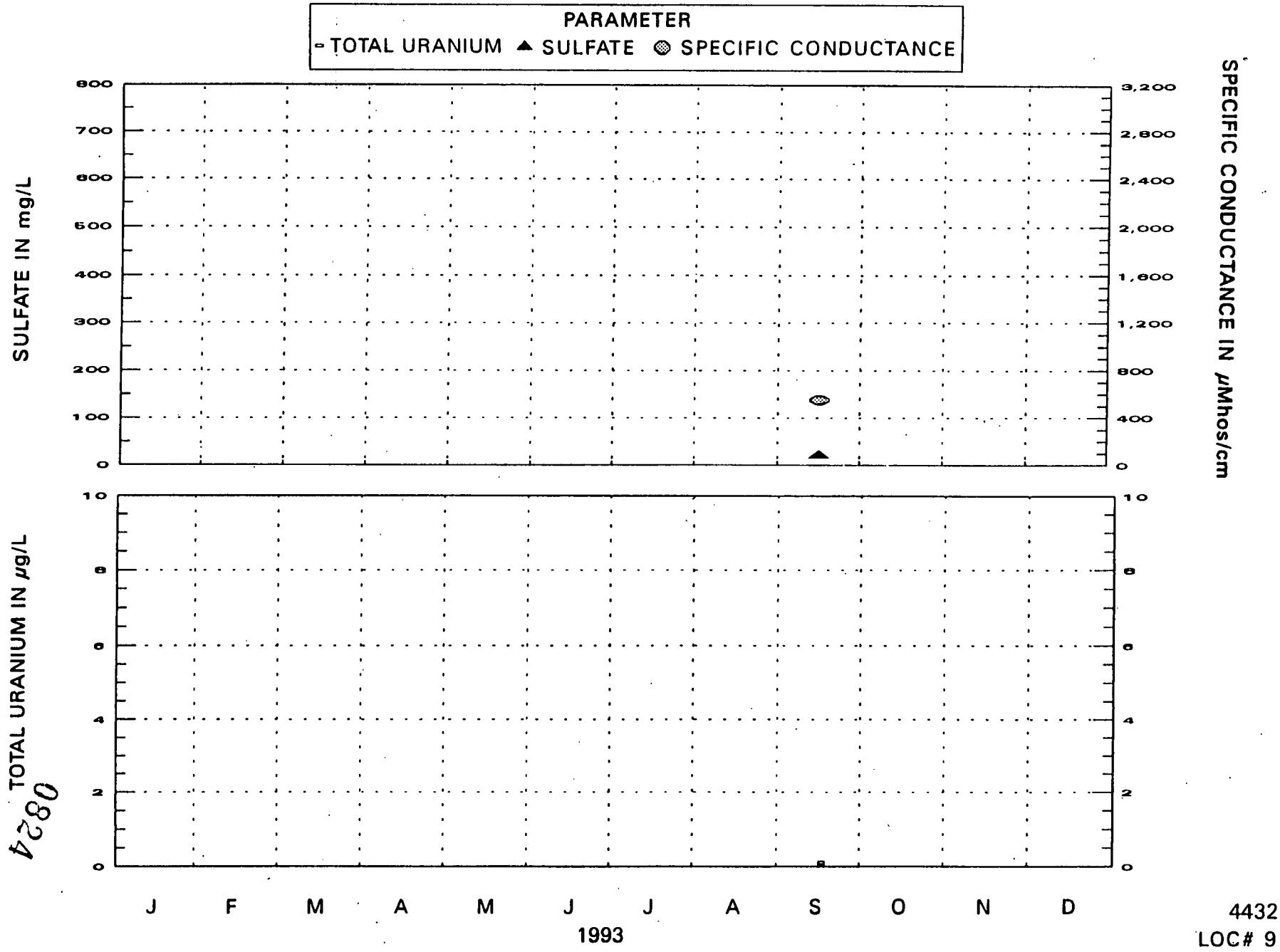


FIGURE G-1-22. CONCENTRATIO VS. TIME PLOT FOR WELL 4432

0824

5217

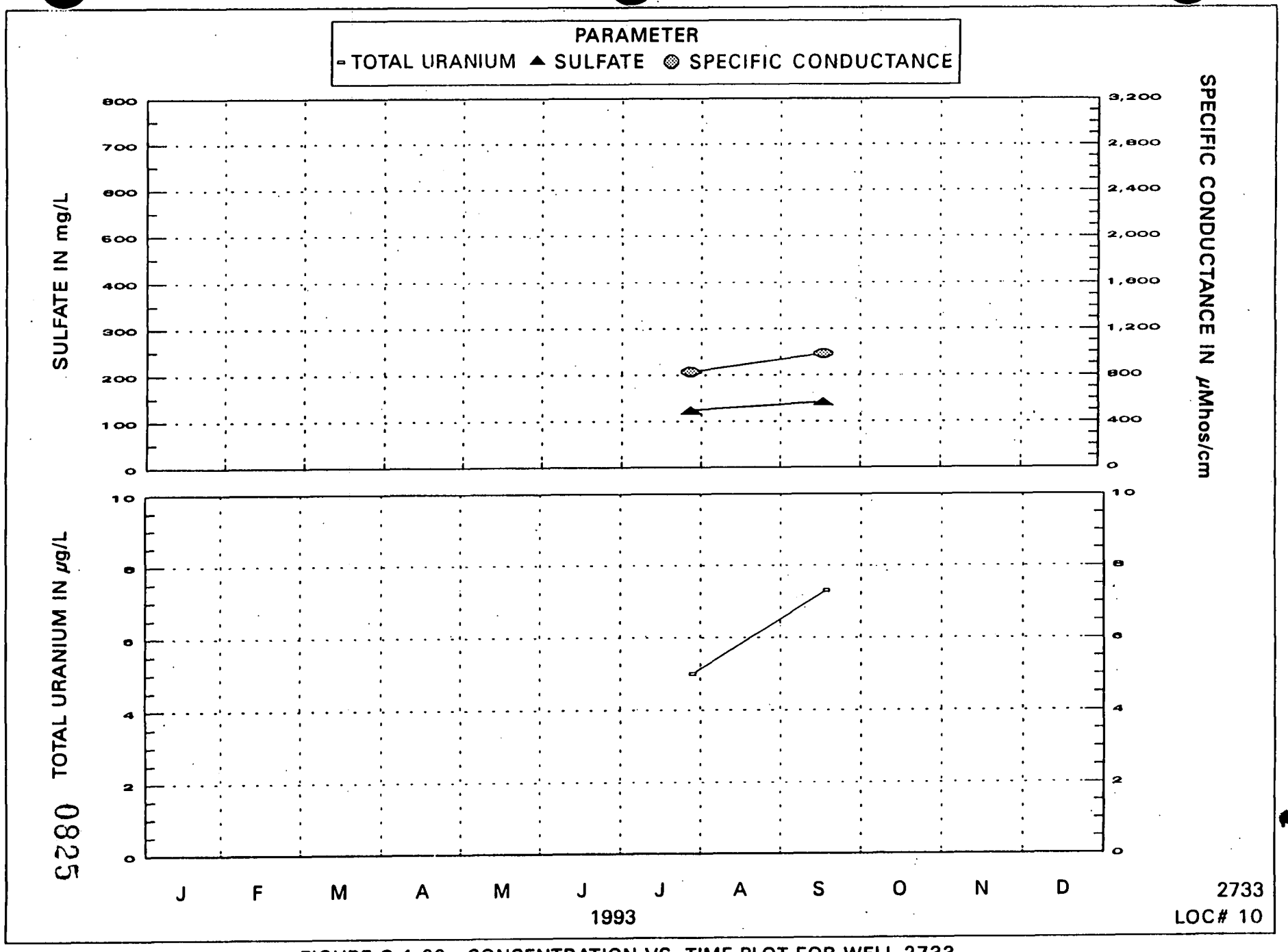


FIGURE G-1-23. CONCENTRATION VS. TIME PLOT FOR WELL 2733

0825

5217

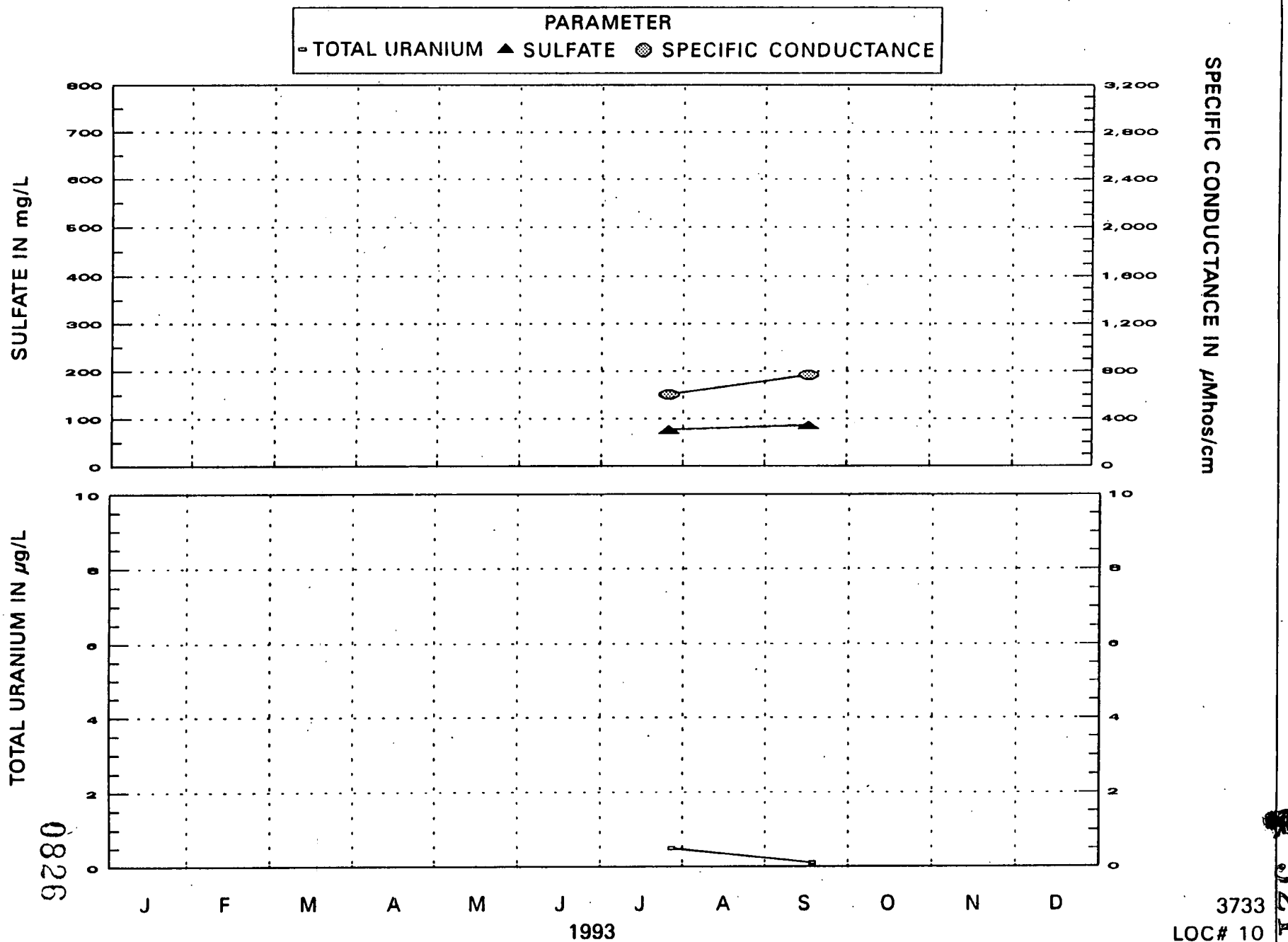


FIGURE G-1-24. CONCENTRATION VS. TIME PLOT FOR WELL 3733

0826

5217

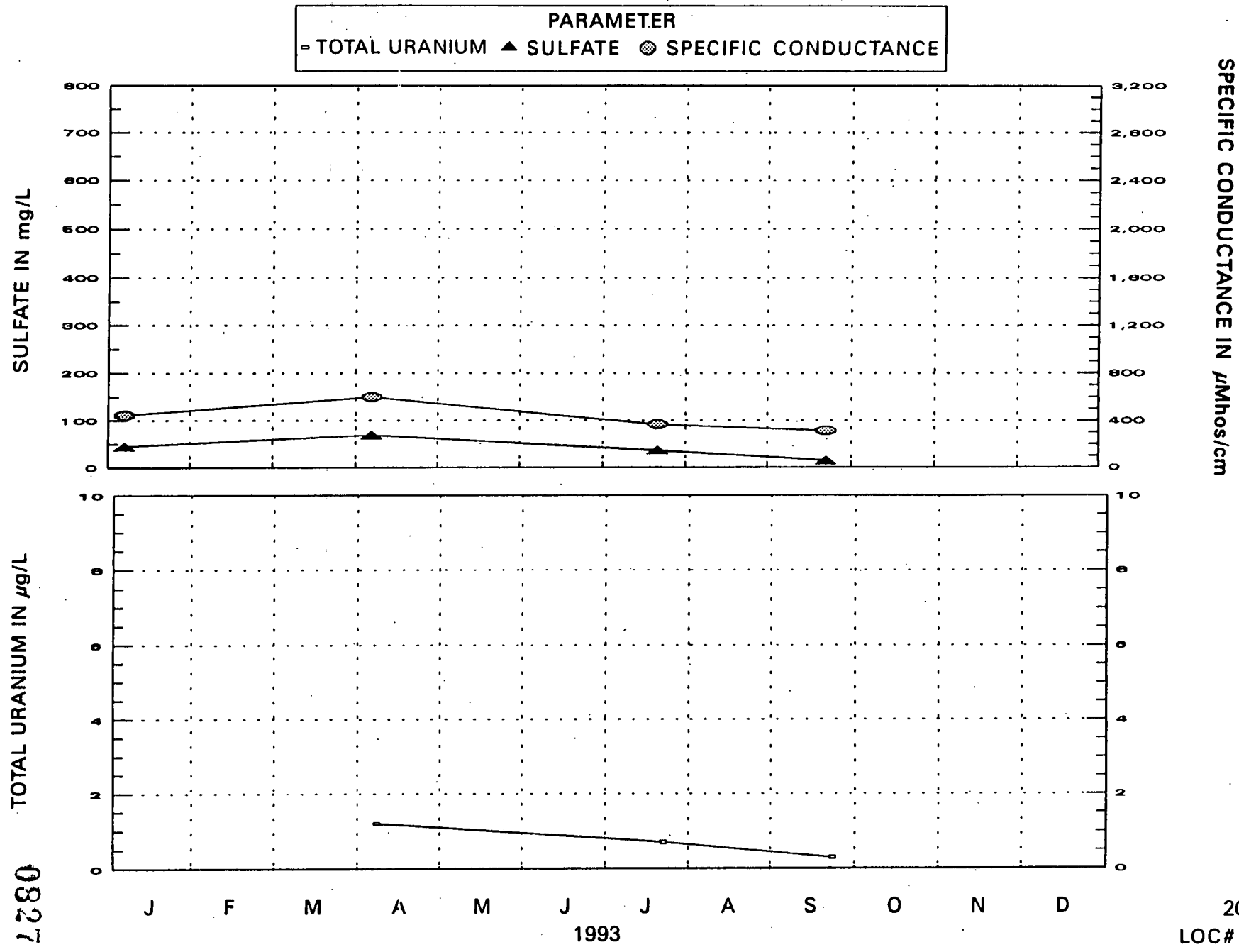


FIGURE G-1-25. CONCENTRATION VS. TIME PLOT FOR WELL 2070

0827

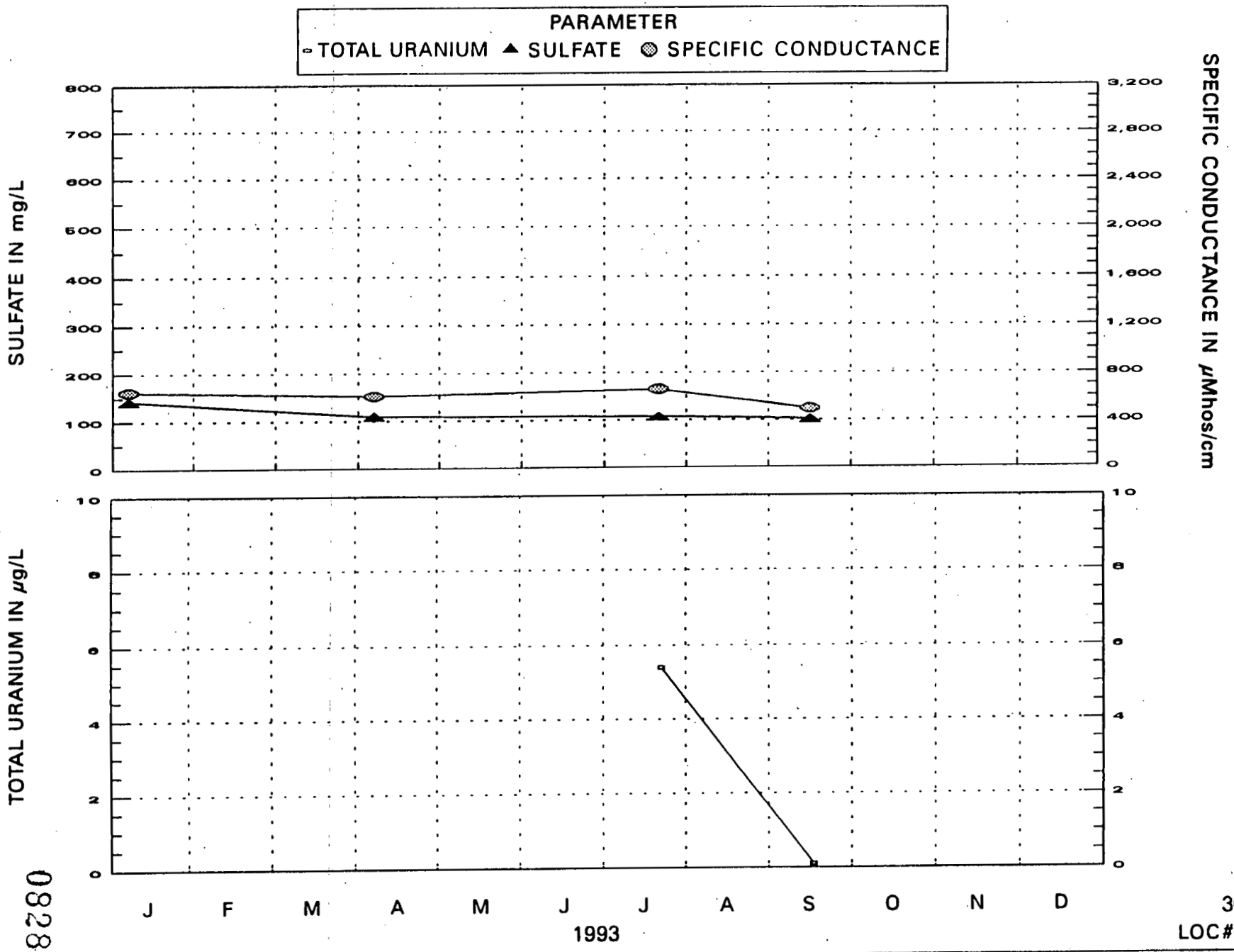


FIGURE G-1-26. CONCENTRATION VS. TIME PLOT FOR WELL 3070

08228

5217

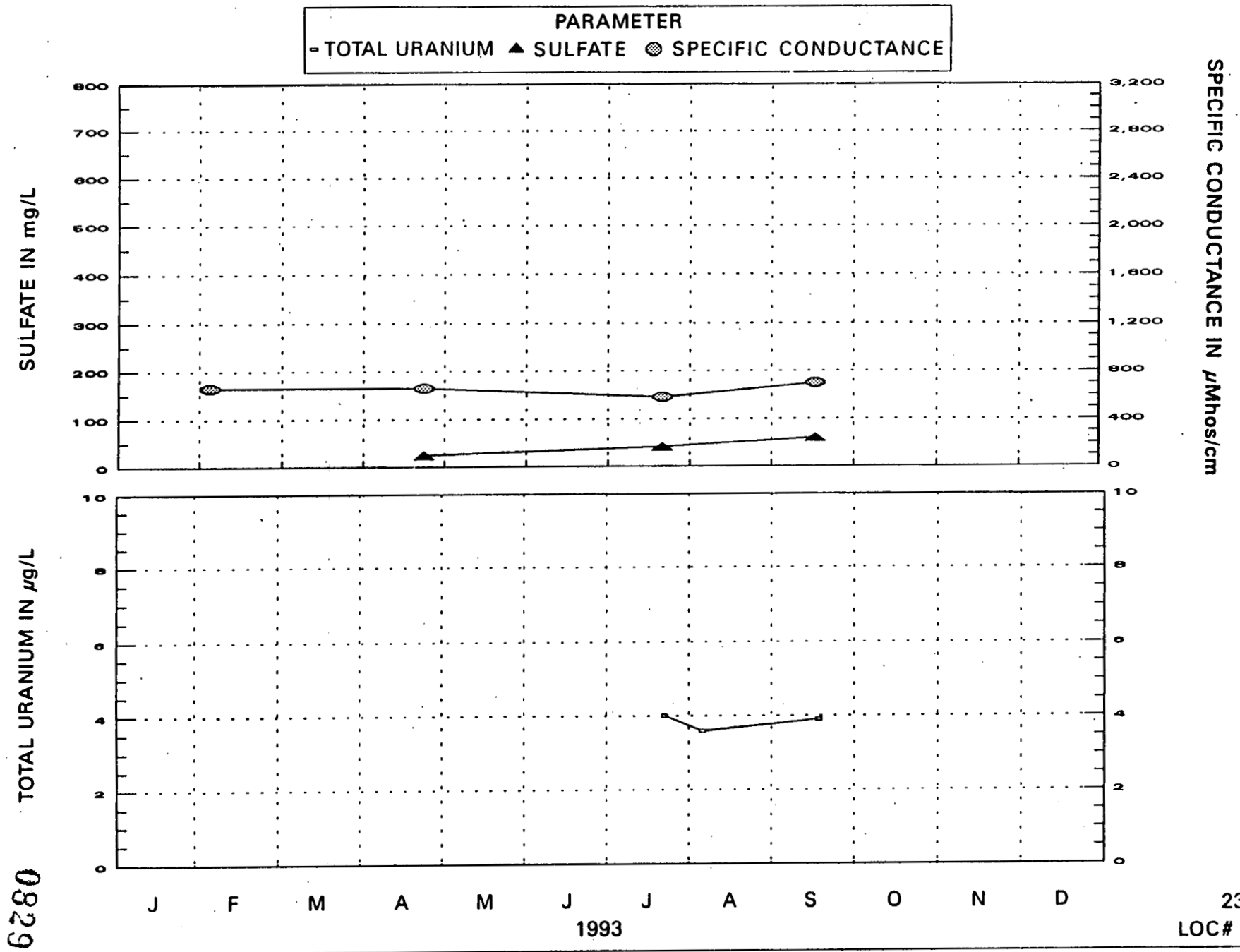


FIGURE G-1-27. CONCENTRATION VS. TIME PLOT FOR WELL 2398

0829

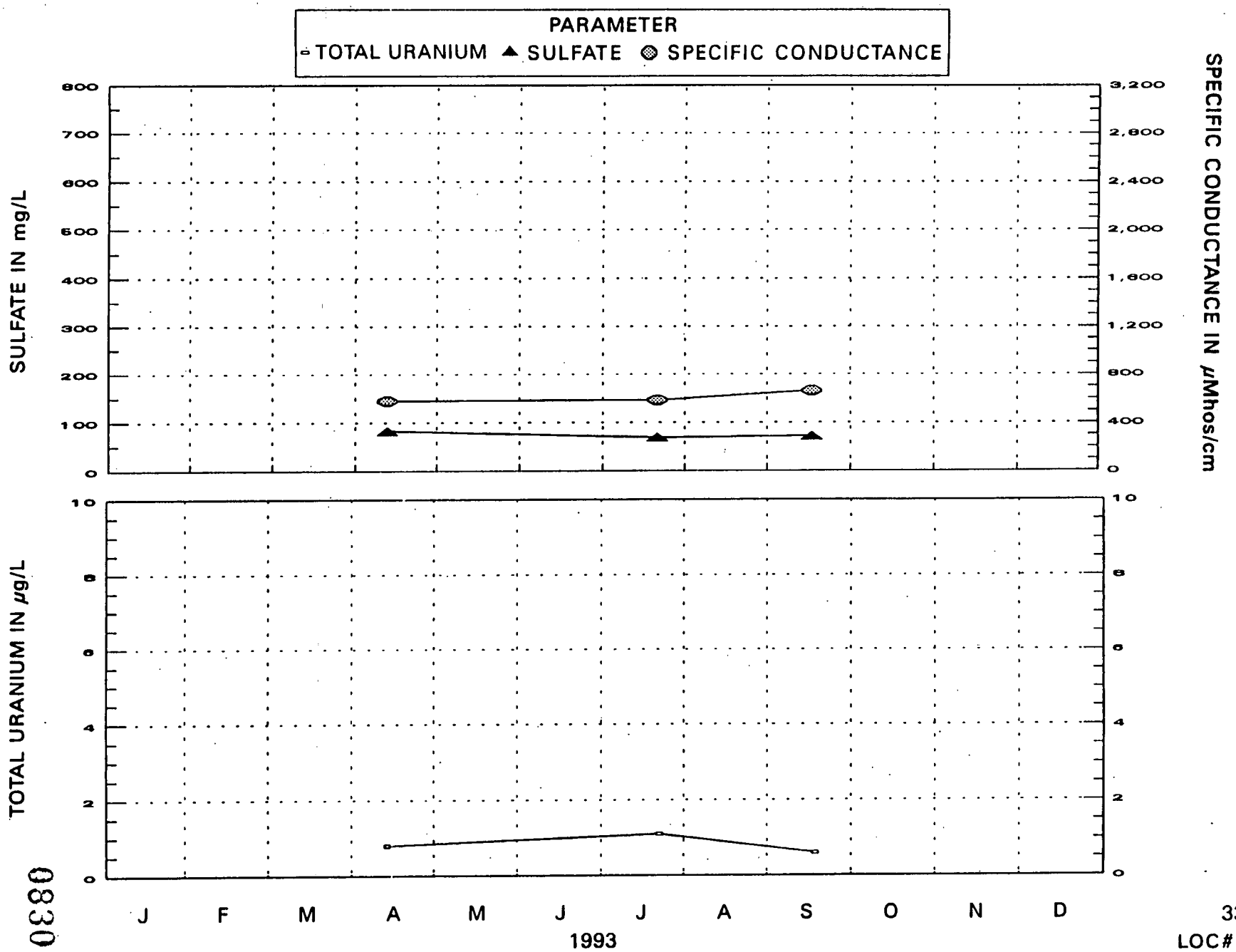


FIGURE G-1-28. CONCENTRATION VS. TIME PLOT FOR WELL 3398

0830

5217

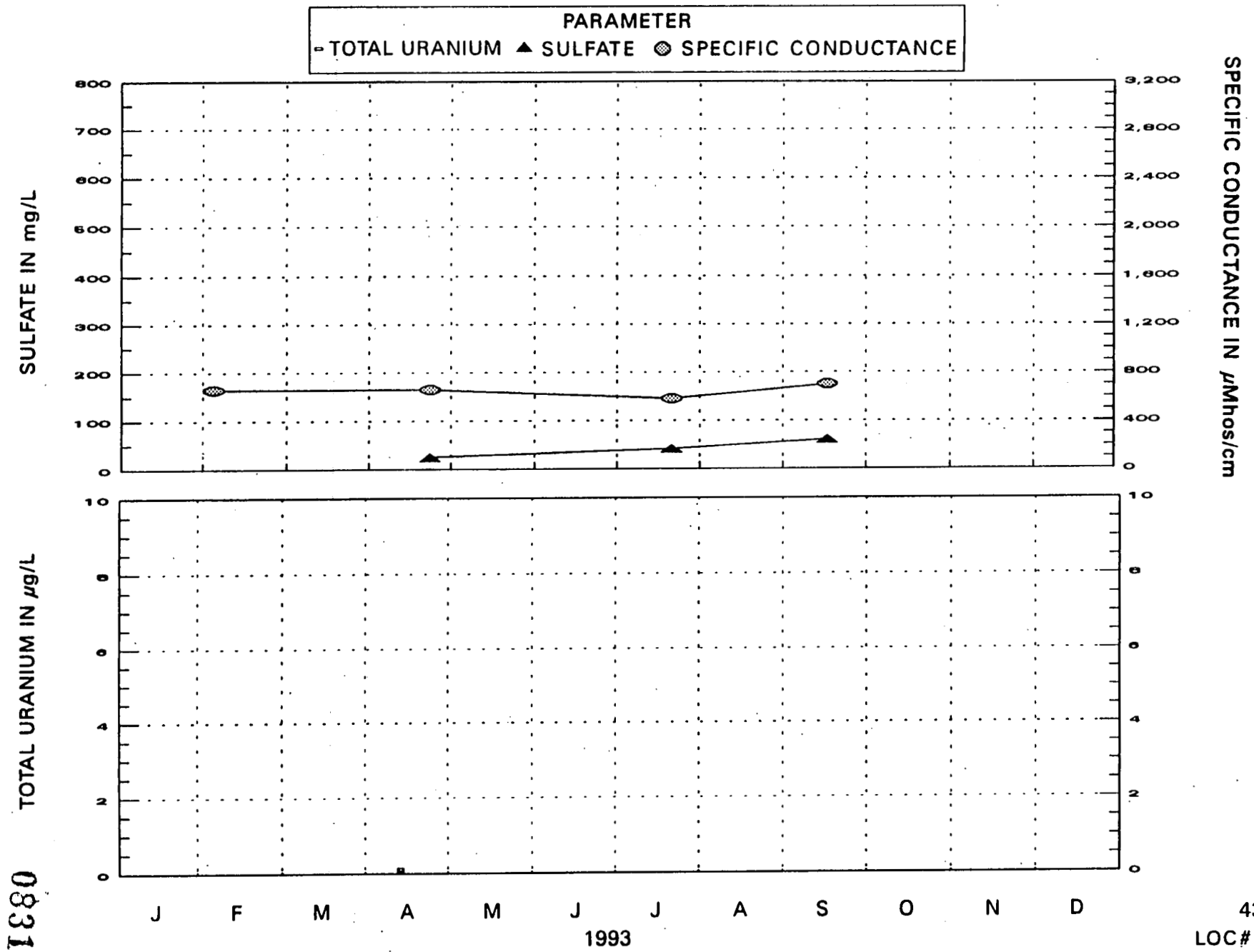
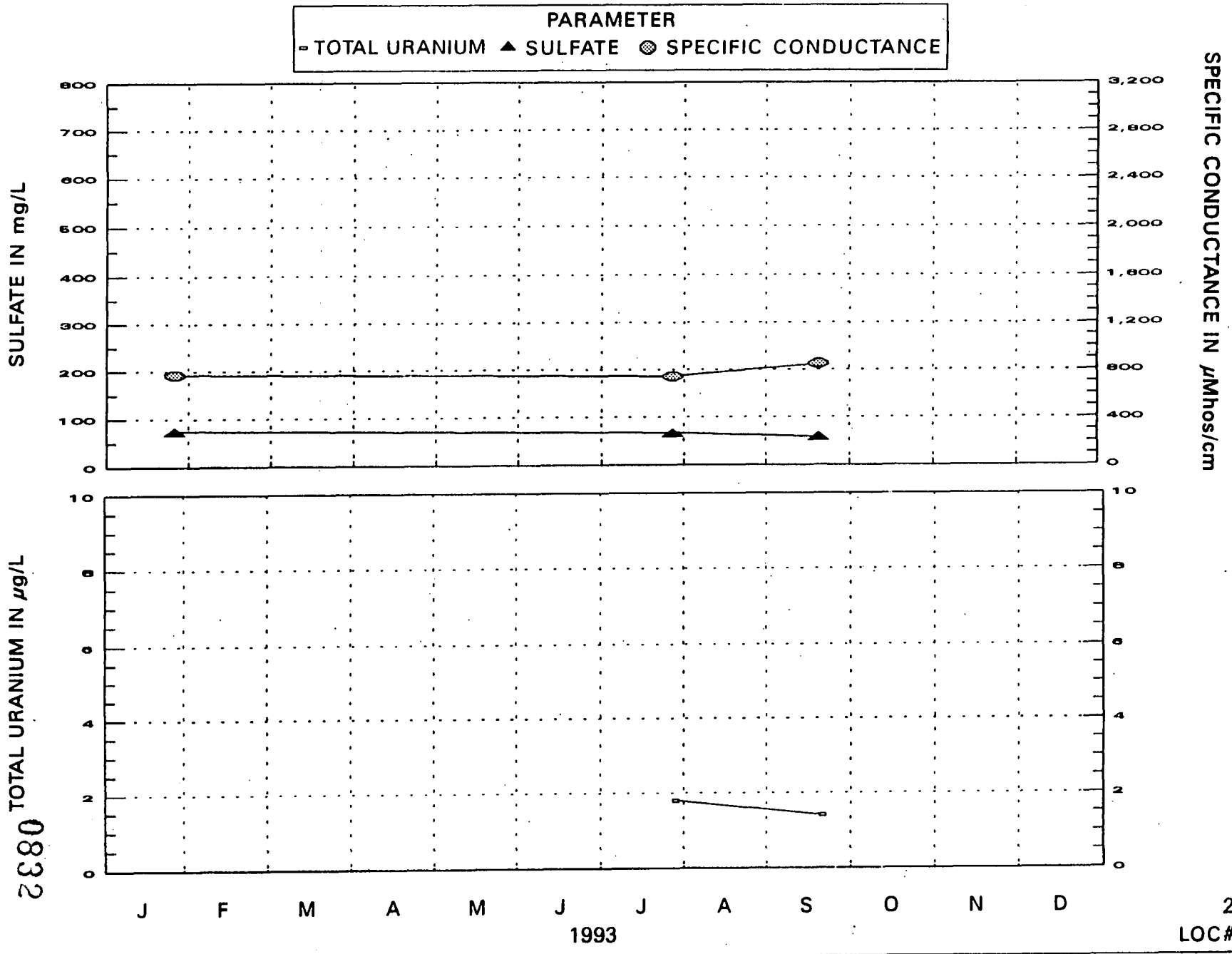


FIGURE G-1-29. CONCENTRATION VS. TIME PLOT FOR WELL 4398

0831

5217



2434
LOC# 13

0832

5217

FIGURE G-1-30. CONCENTRATION VS. TIME PLOT FOR WELL 2434

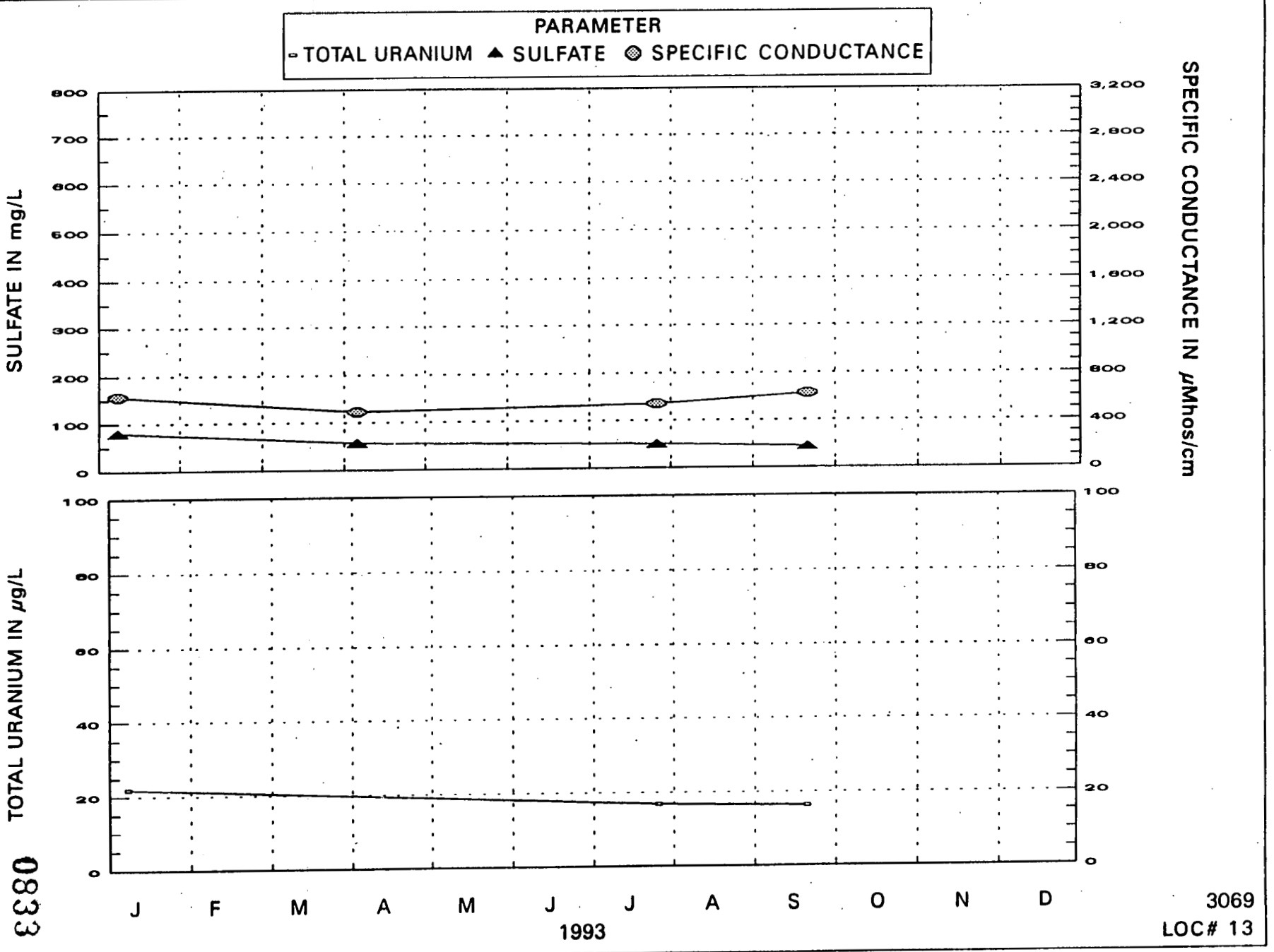


FIGURE G-1-31. CONCENTRATION VS. TIME PLOT FOR WELL 3069

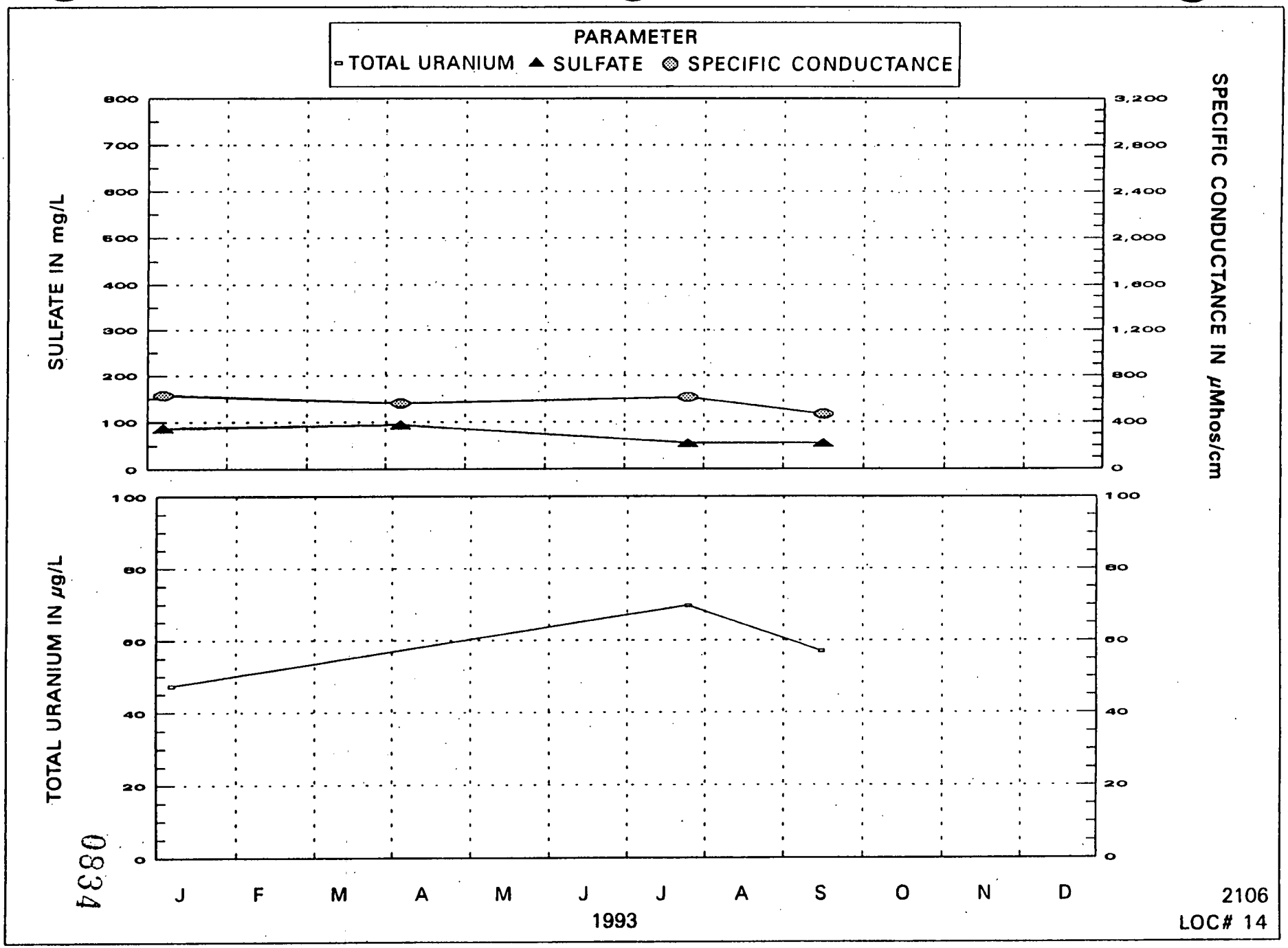


FIGURE G-1-32. CONCENTRATION VS. TIME PLOT FOR WELL 2106

0834

52117

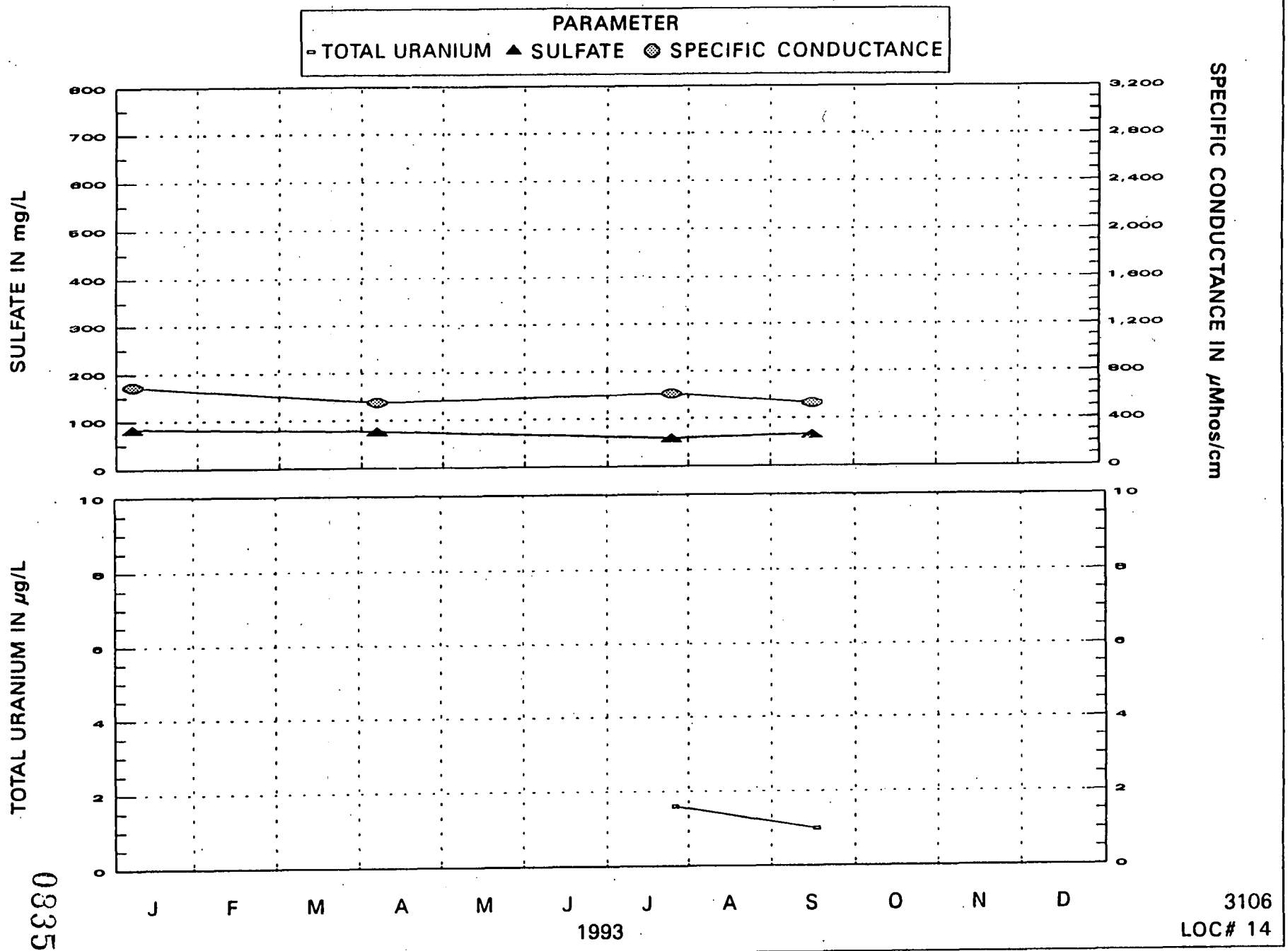


FIGURE G-1-33. CONCENTRATION VS. TIME PLOT FOR WELL 3106

0835

5217

APPENDIX G.2

CONCENTRATION VERSUS TIME PLOTS OF DATA FROM 1988 THROUGH 1993

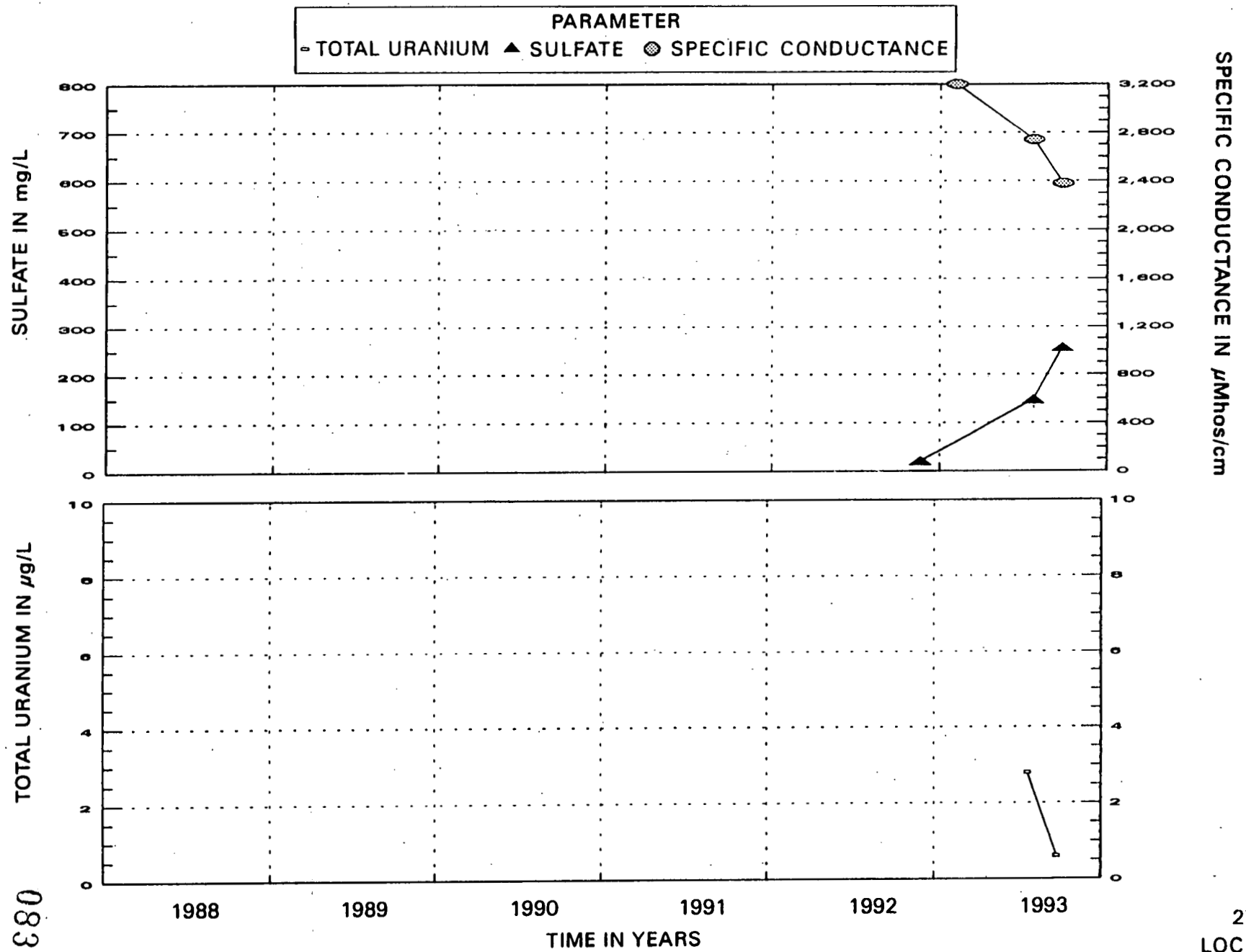


FIGURE G-2-1. CONCENTRATION VS. TIME PLOT FOR WELL 2754

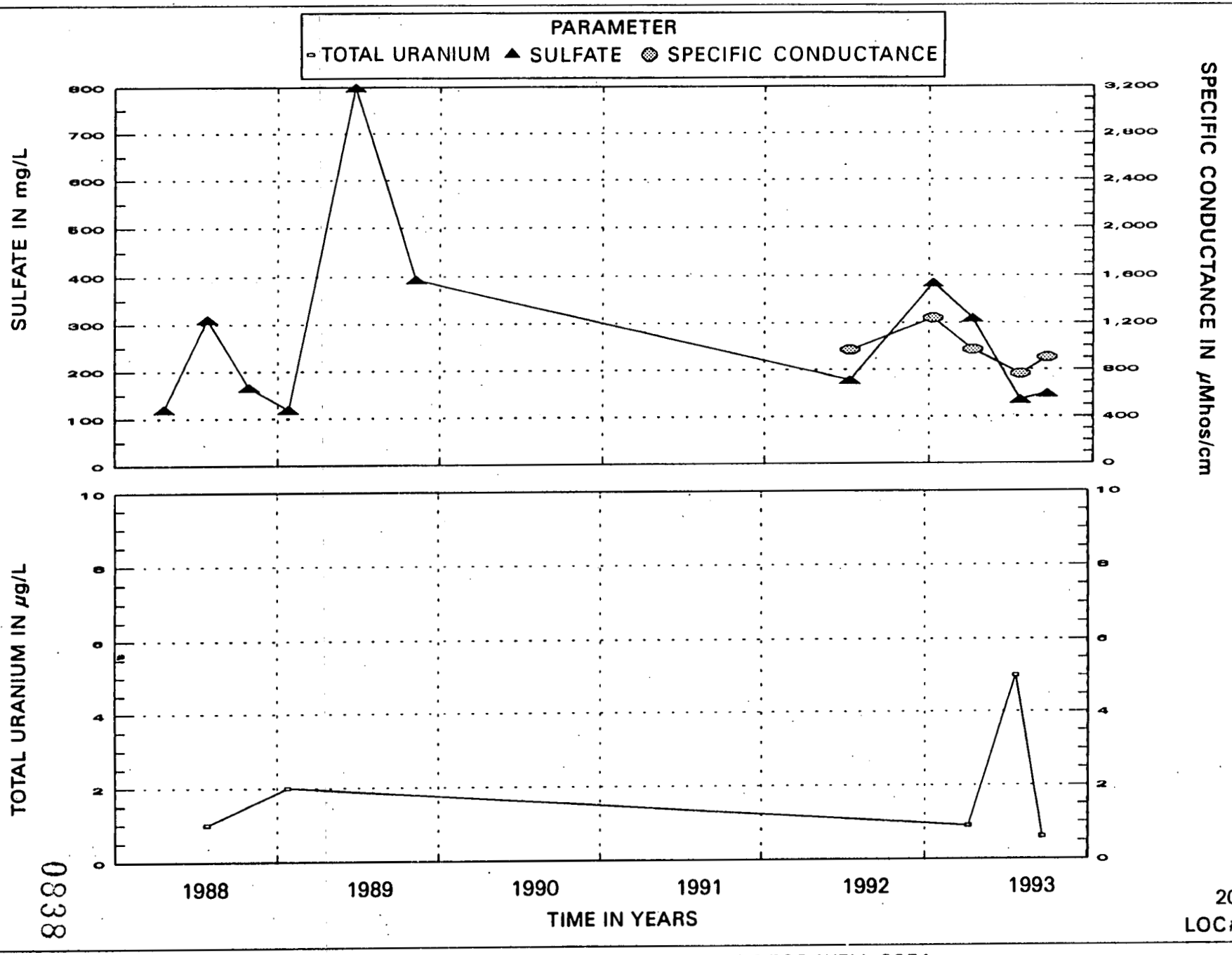


FIGURE G-2-2. CONCENTRATION VS. TIME PLOT FOR WELL 2051

0838

5217

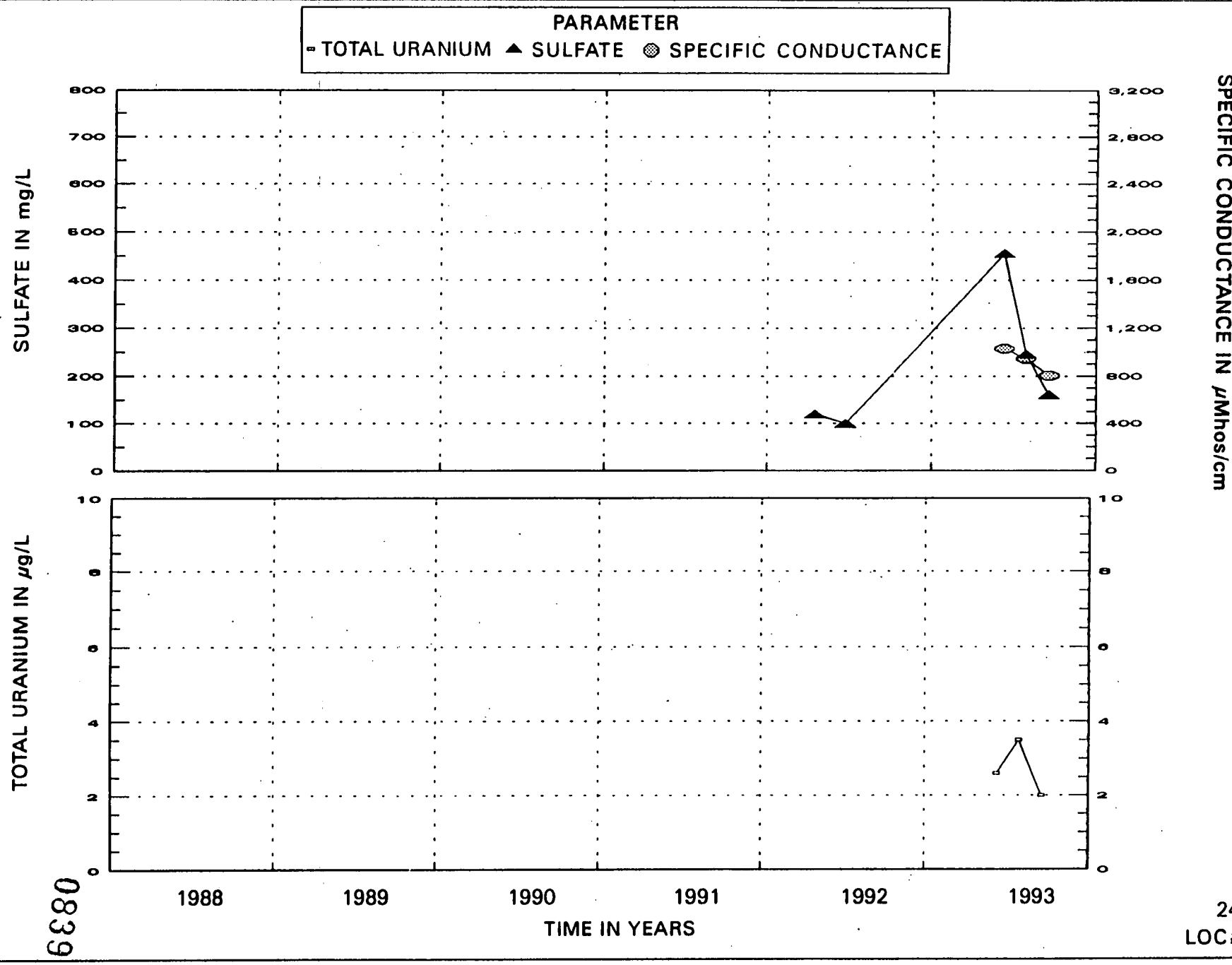


FIGURE G-2-3. CONCENTRATION VS. TIME PLOT FOR WELL 2417

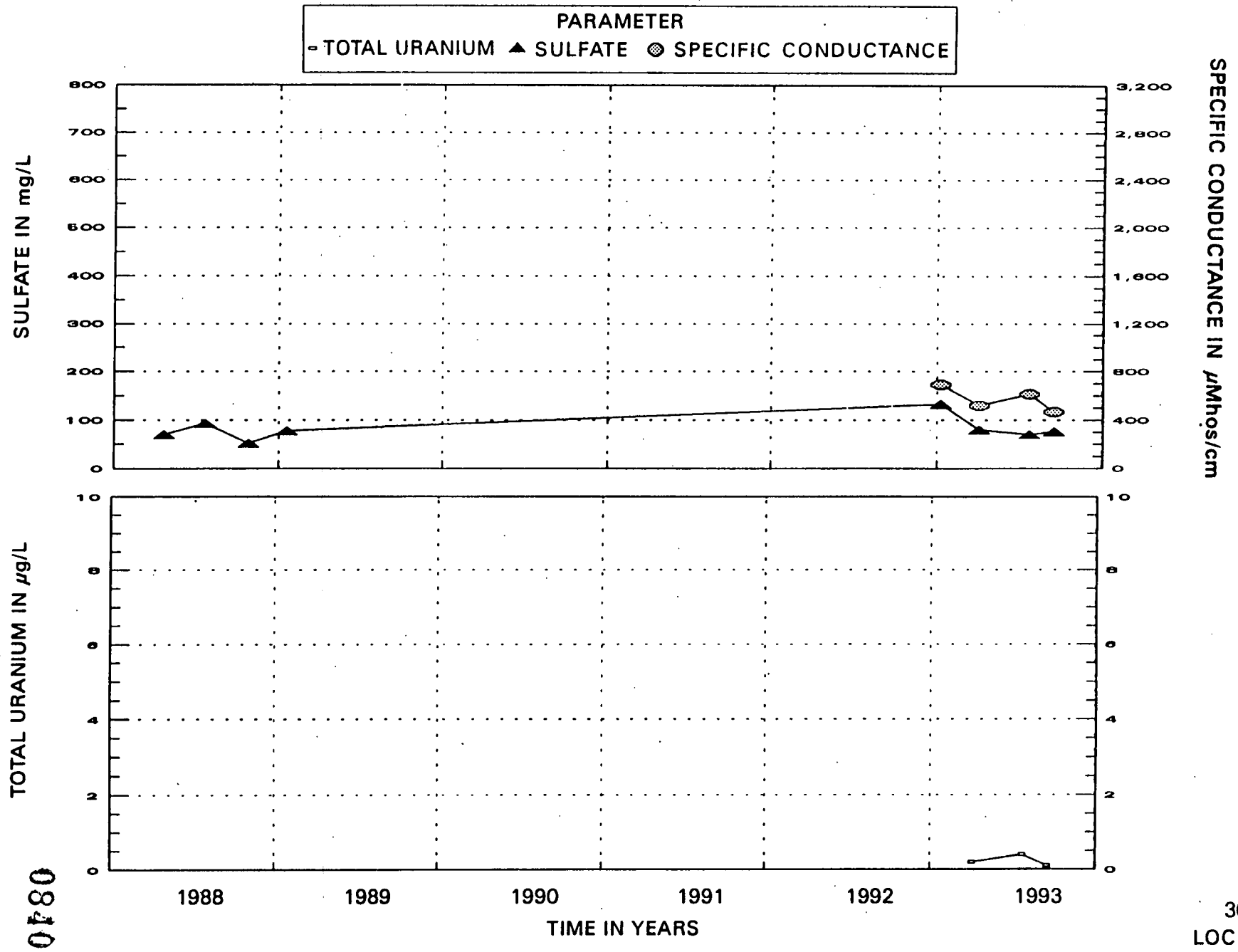
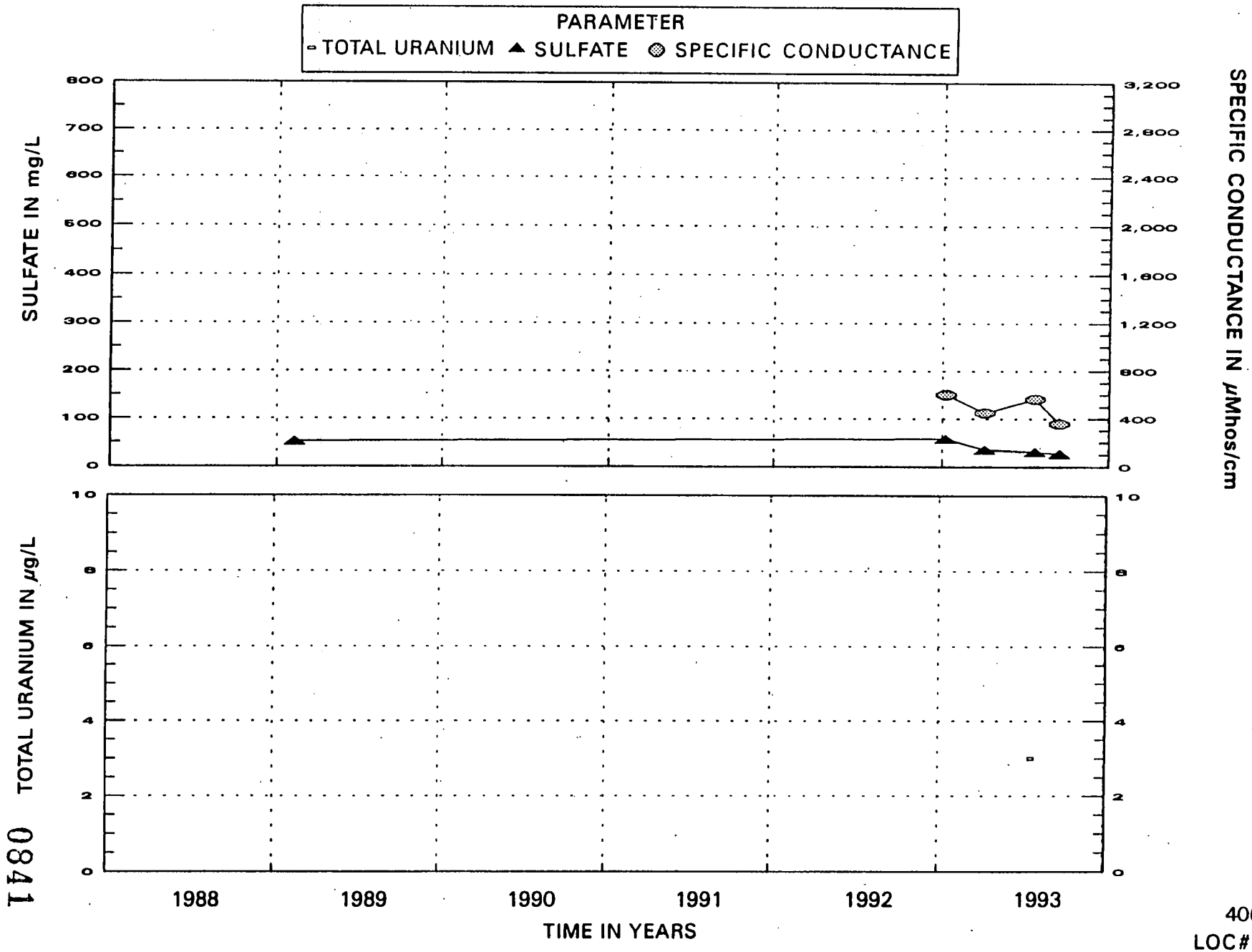


FIGURE G-2-4. CONCENTRATION VS. TIME PLOT FOR WELL 3067

0840

5217



4067
LOC# 7

0841

FIGURE G-2-5. CONCENTRATION VS. TIME PLOT FOR WELL 4067

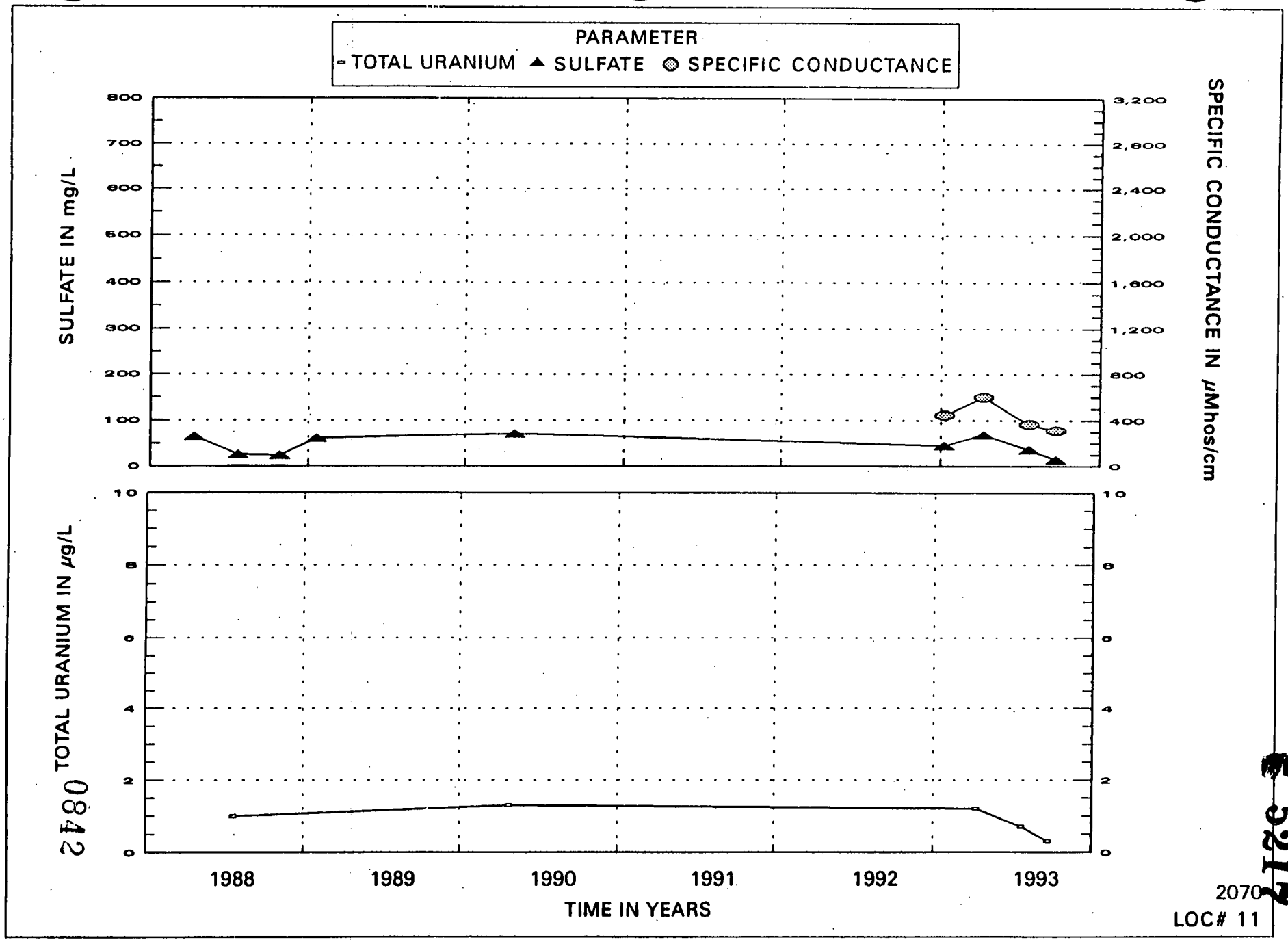


FIGURE G-2-6. CONCENTRATION VS. TIME PLOT FOR WELL 2070

0842
5217

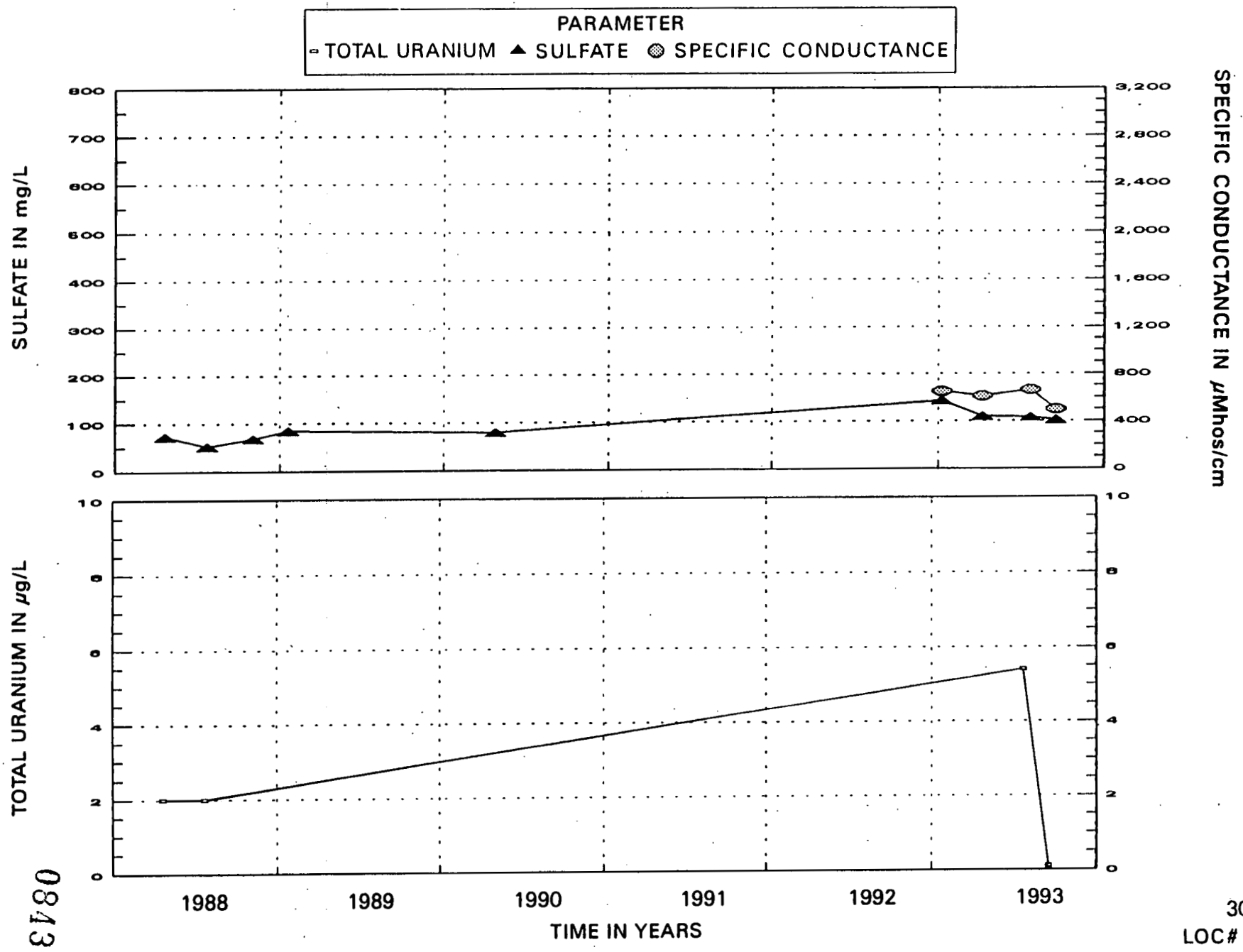


FIGURE G-2-7. CONCENTRATION VS. TIME PLOT FOR WELL 3070

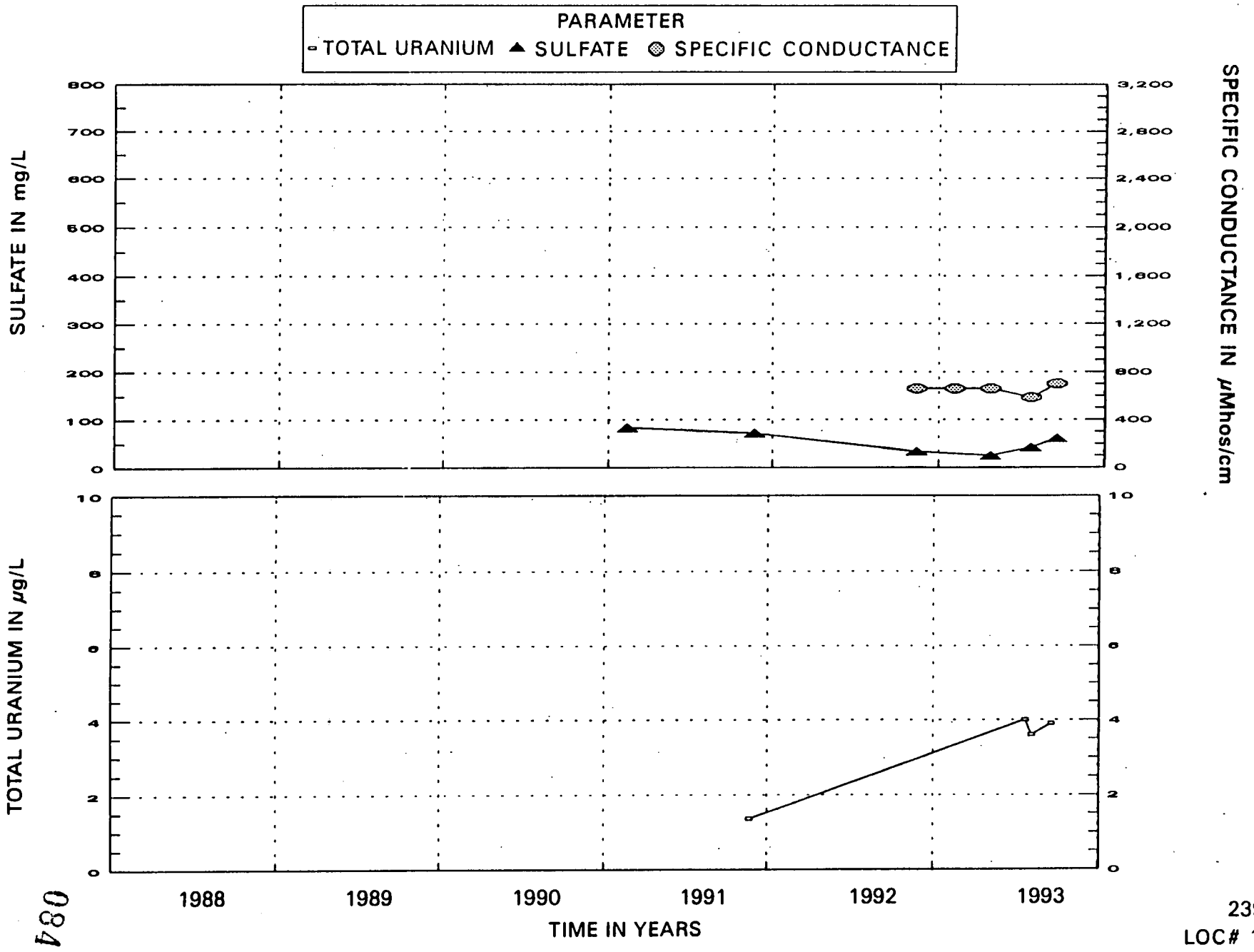


FIGURE G-2-8. CONCENTRATION VS. TIME PLOT FOR WELL 2398

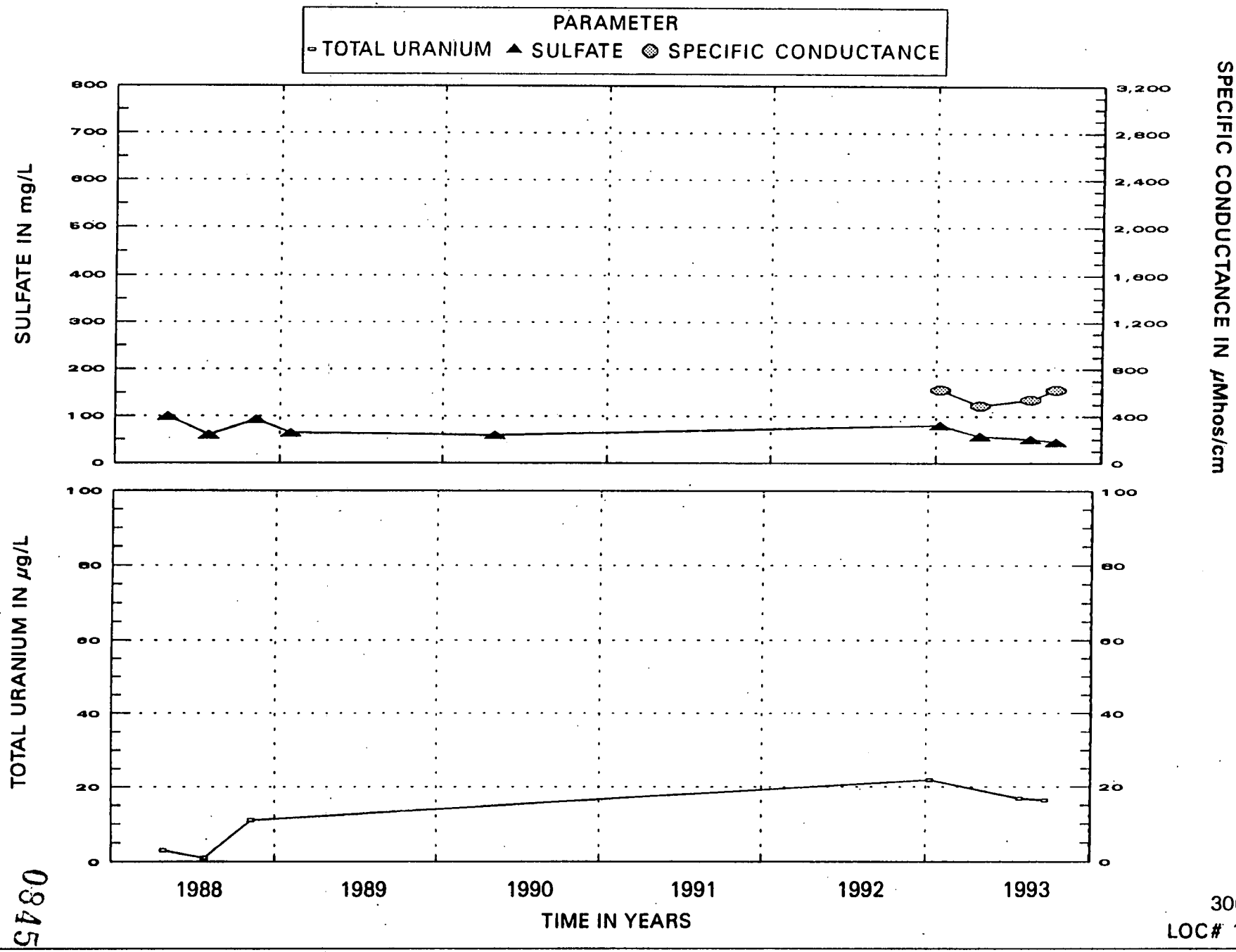


FIGURE G-2-9. CONCENTRATION VS. TIME PLOT FOR WELL 3069

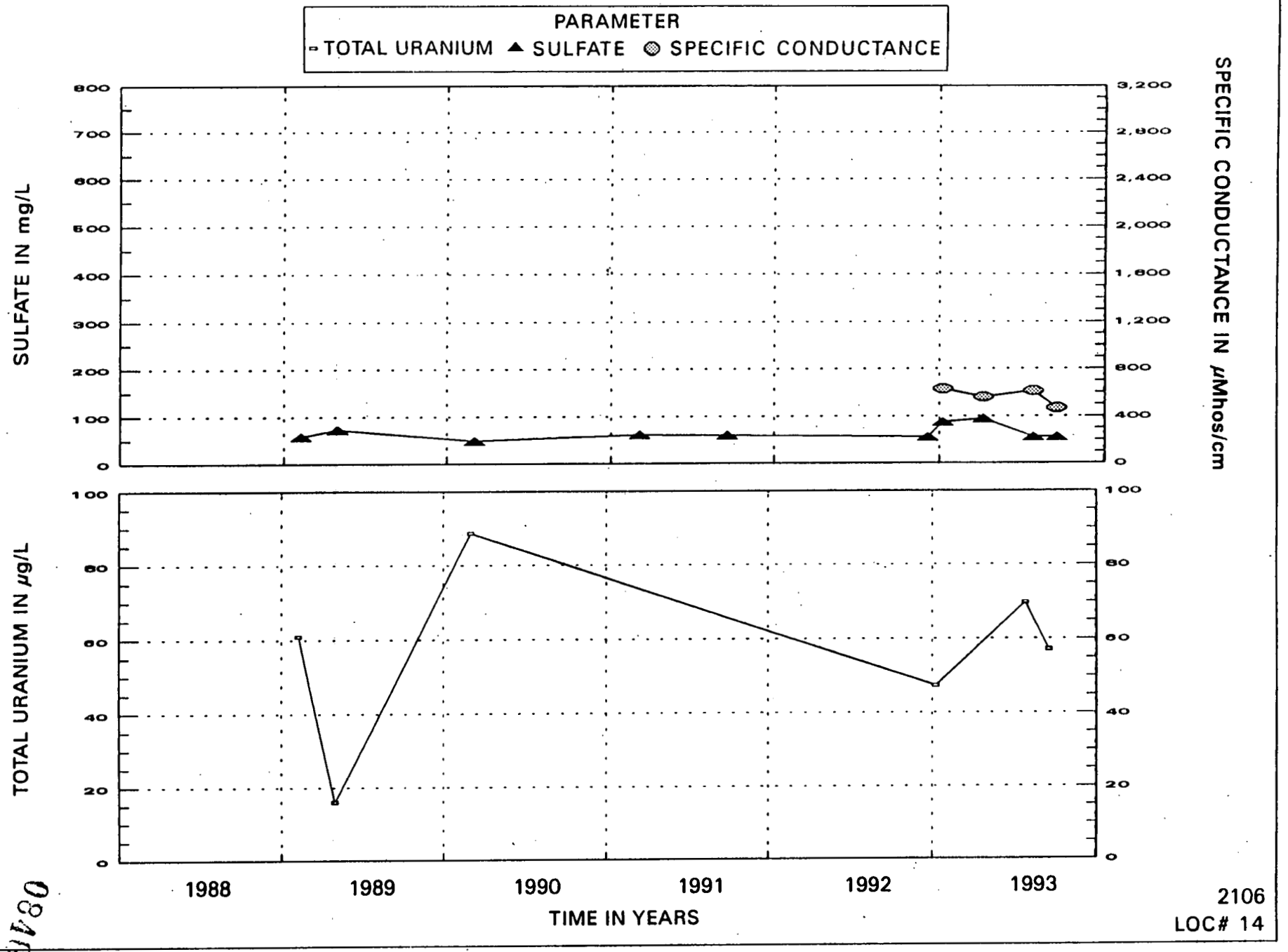


FIGURE G-2-10. CONCENTRATION VS. TIME PLOT FOR WELL 2106

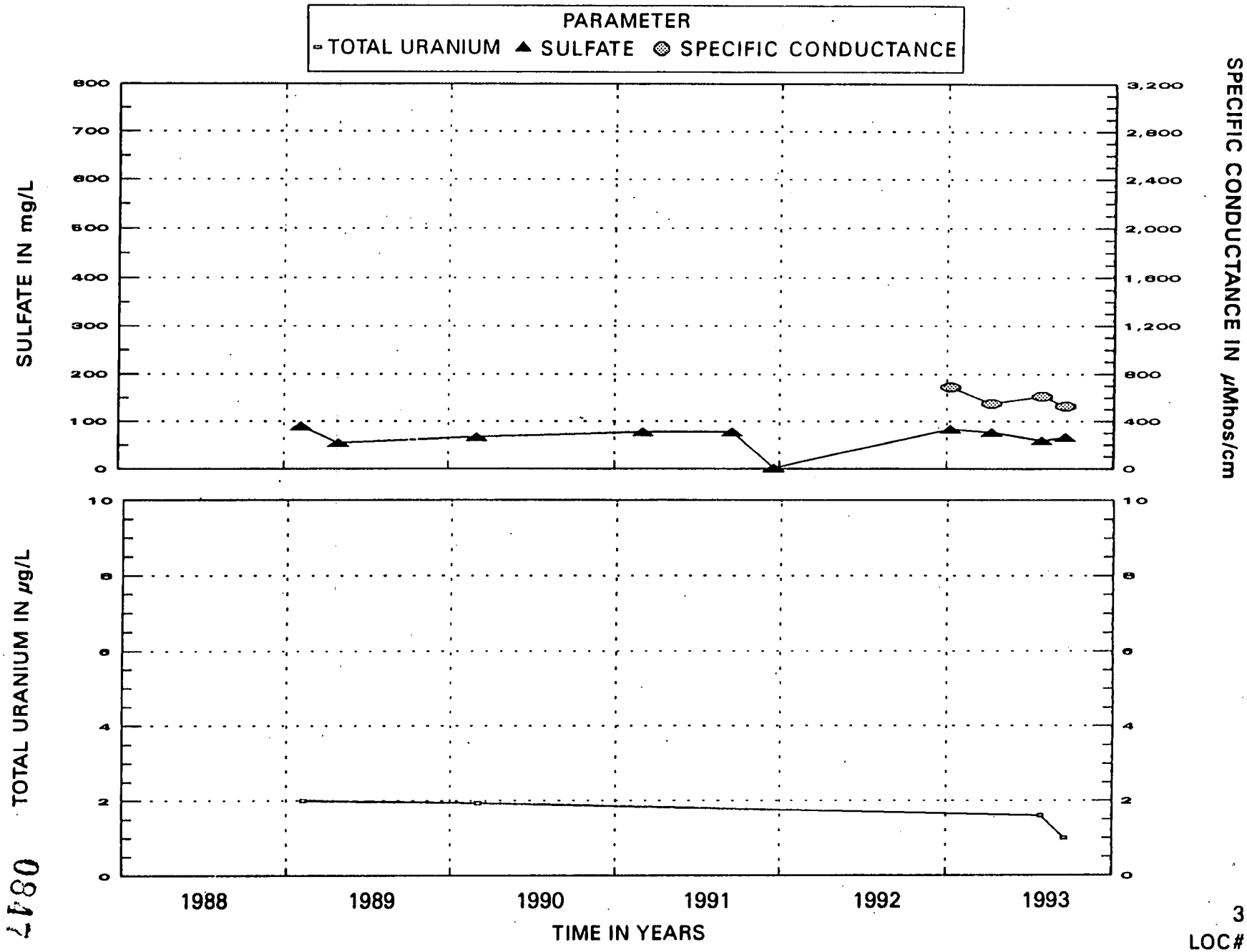


FIGURE G-2-11. CONCENTRATION VS. TIME PLOT FOR WELL 3106

APPENDIX H

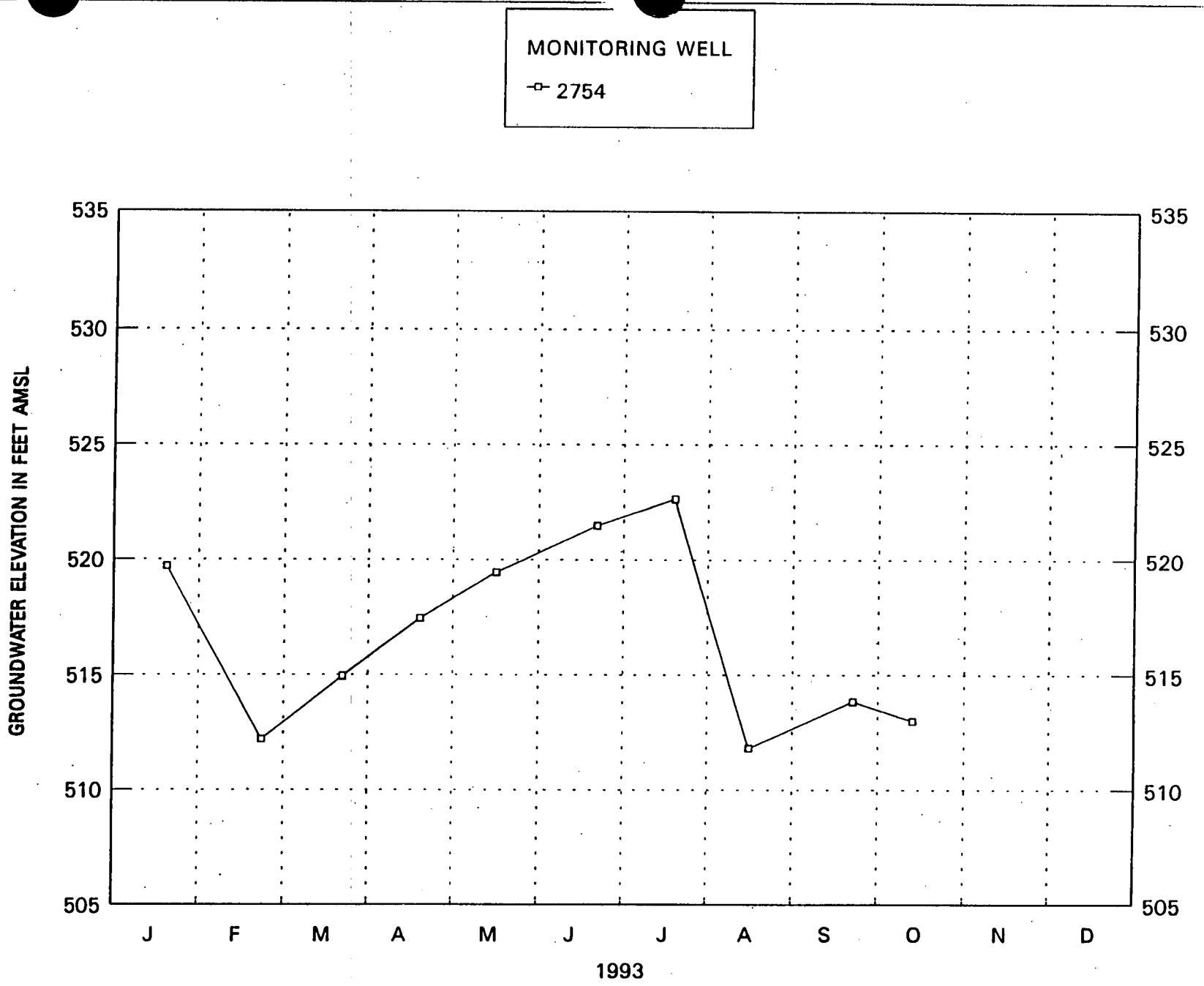
HYDROGRAPHS FOR ROUTINE MONITORING PROGRAM WELLS

Appendix H contains all groundwater elevation versus time plots for the Routine Monitoring Program Wells. Appendix H.1 contains data from 1993 and Appendix H.2 contains data from 1988 through 1993.

Groundwater elevation data is collected monthly under the Routine Groundwater Elevation Program. These monthly water levels are provided in this Appendix. If a well was measured more than once during a month, an average reading was used in the hydrograph. Water levels were measured contingent on the accessibility of the wells.

APPENDIX H.1

HYDROGRAPHS OF 1993 DATA

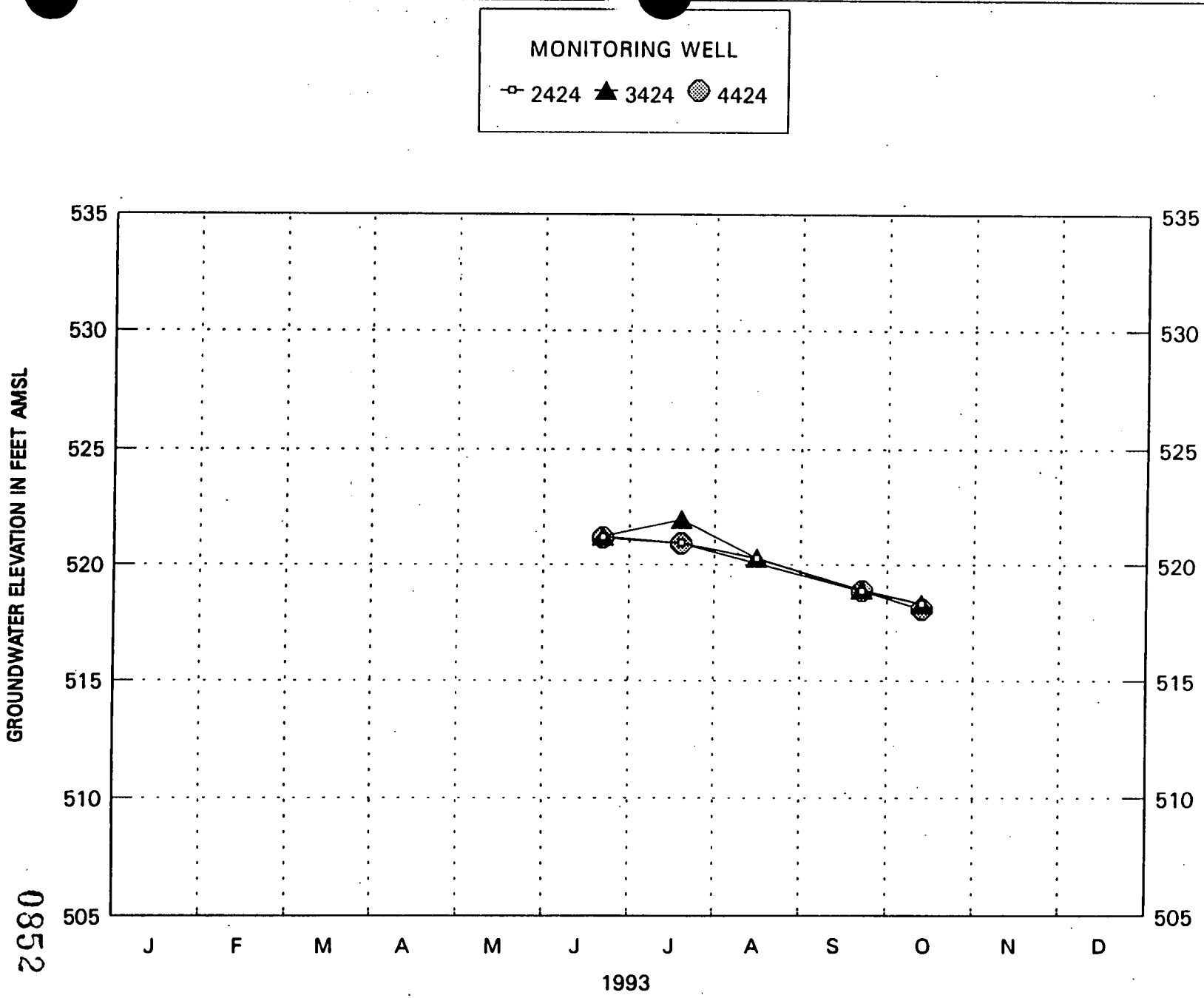


754
LOC# 1

0851

5217

FIGURE H-1-1. HYDROGRAPH FOR WELL CLUSTER 754



424
LOC# 2

FIGURE H-1-2. HYDROGRAPH FOR WELL CLUSTER 424

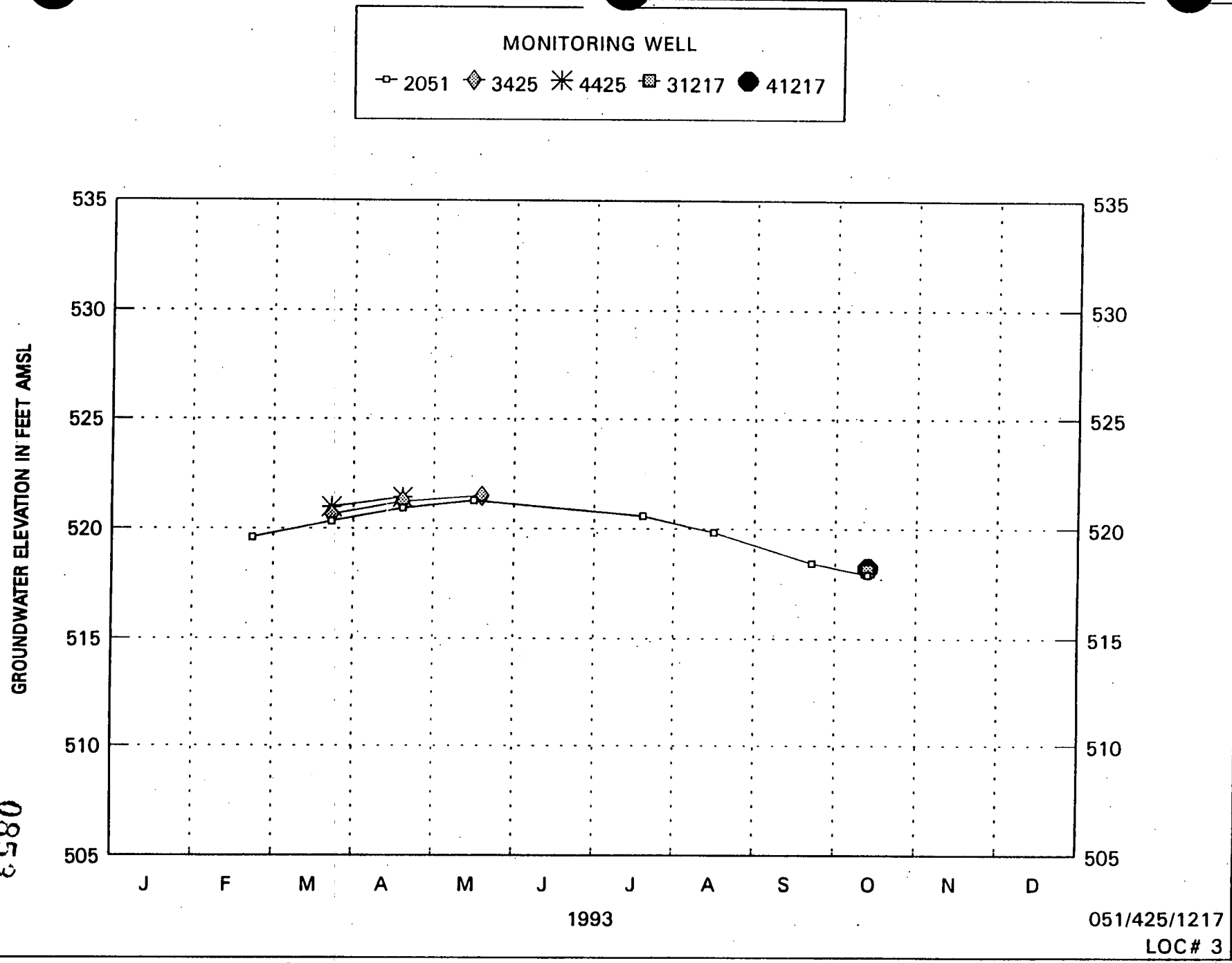


FIGURE H-1-3. HYDROGRAPH FOR WELL CLUSTER 051/425/1217

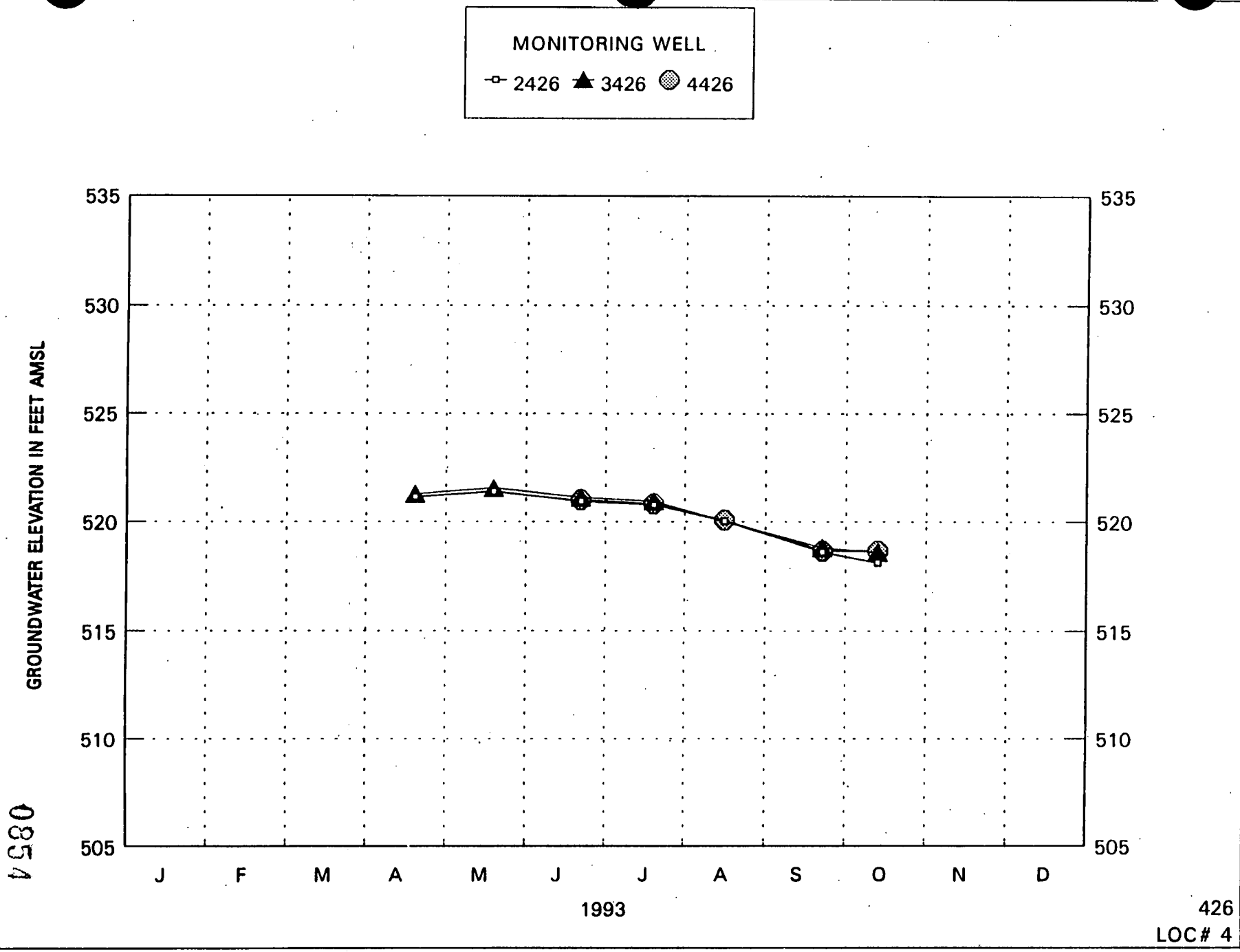
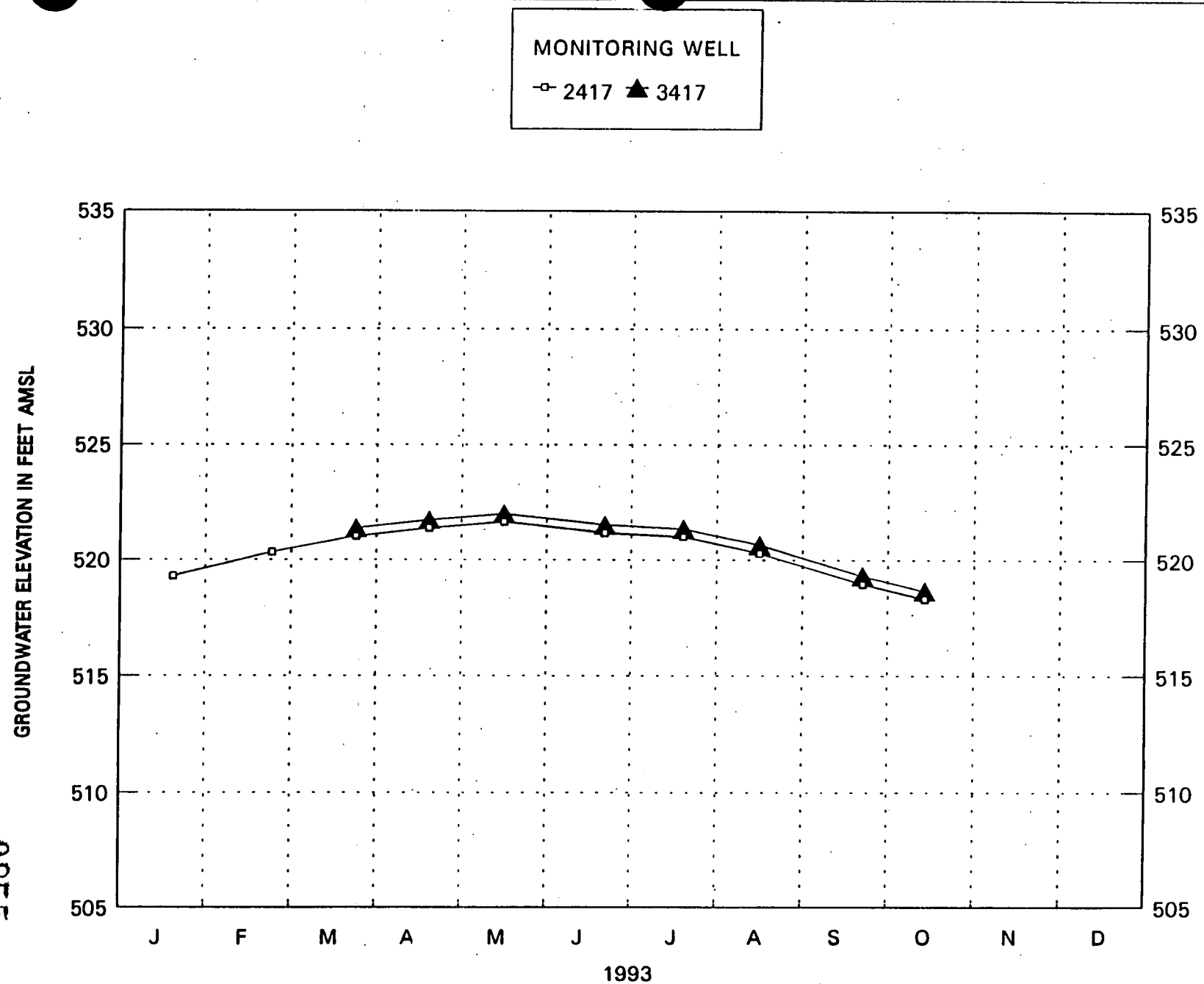


FIGURE H-1-4. HYDROGRAPH FOR WELL CLUSTER 426

0854

5217



417
LOC# 5

FIGURE H-1-5. HYDROGRAPH FOR WELL CLUSTER 417

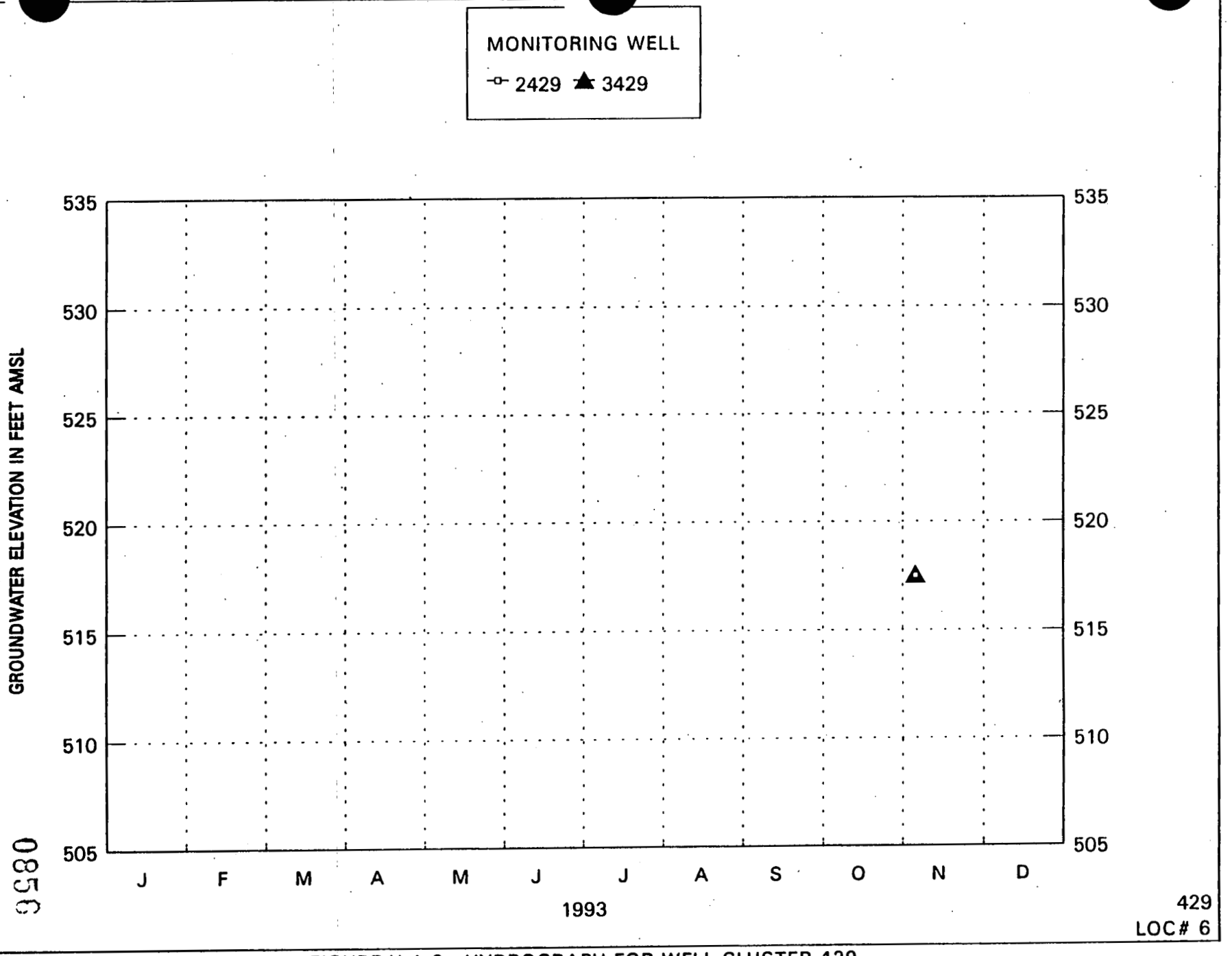
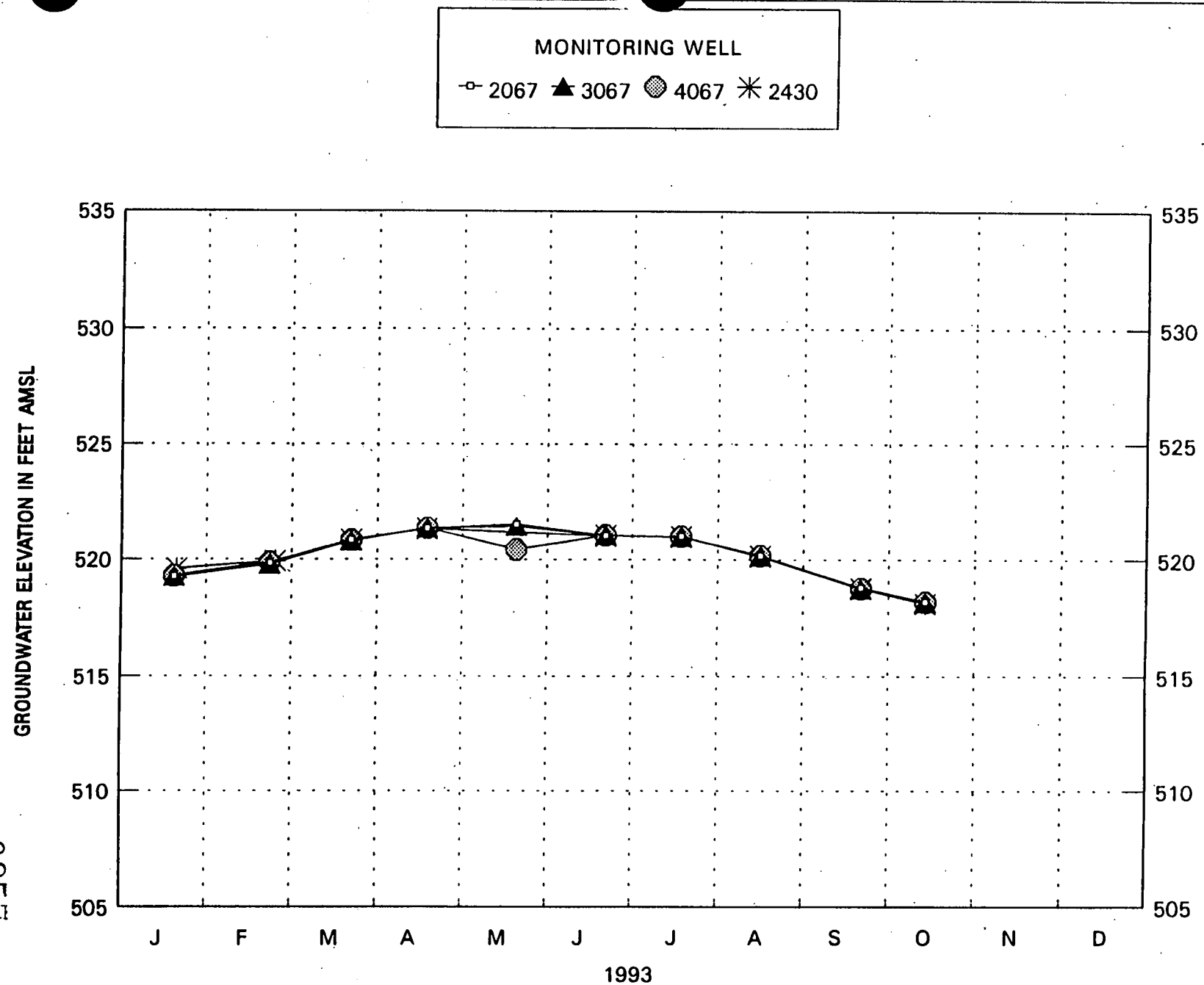
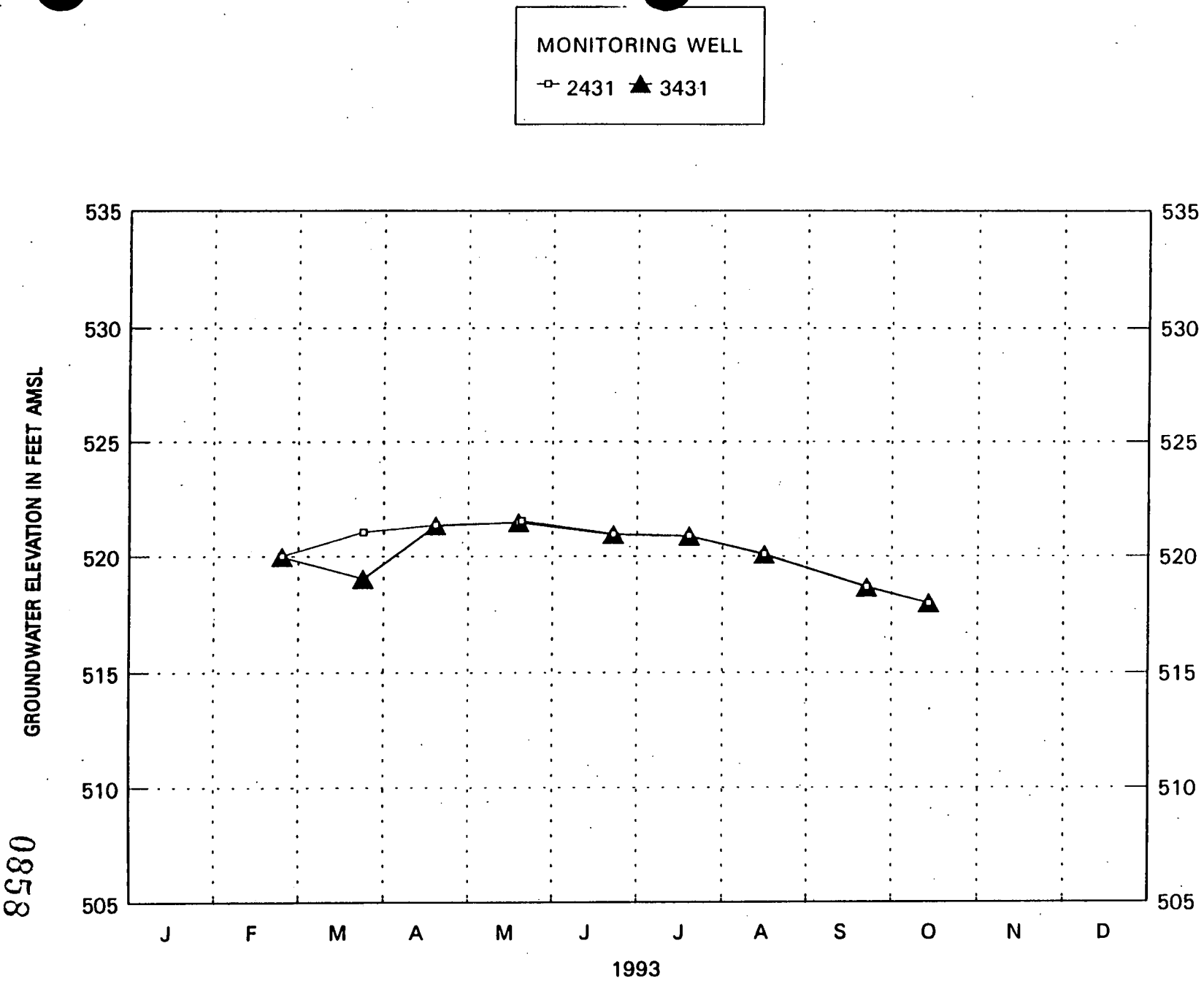


FIGURE H-1-6. HYDROGRAPH FOR WELL CLUSTER 429



067
LOC# 7

FIGURE H-1-7. HYDROGRAPH FOR WELL CLUSTER 067



431
LOC# 8

FIGURE H-1-8. HYDROGRAPH FOR WELL CLUSTER 431

0858

PR 52117

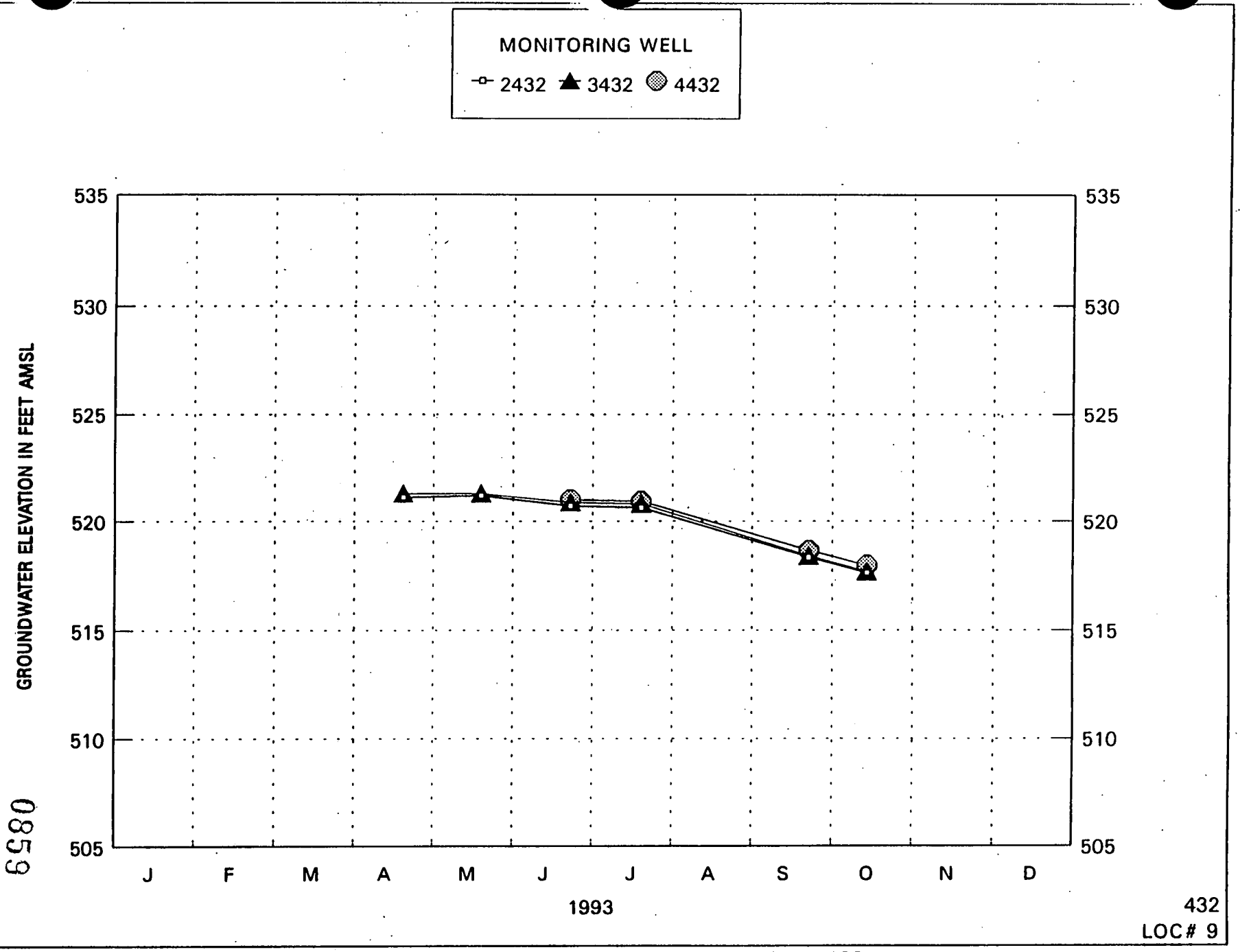


FIGURE H-1-9. HYDROGRAPH FOR WELL CLUSTER 432

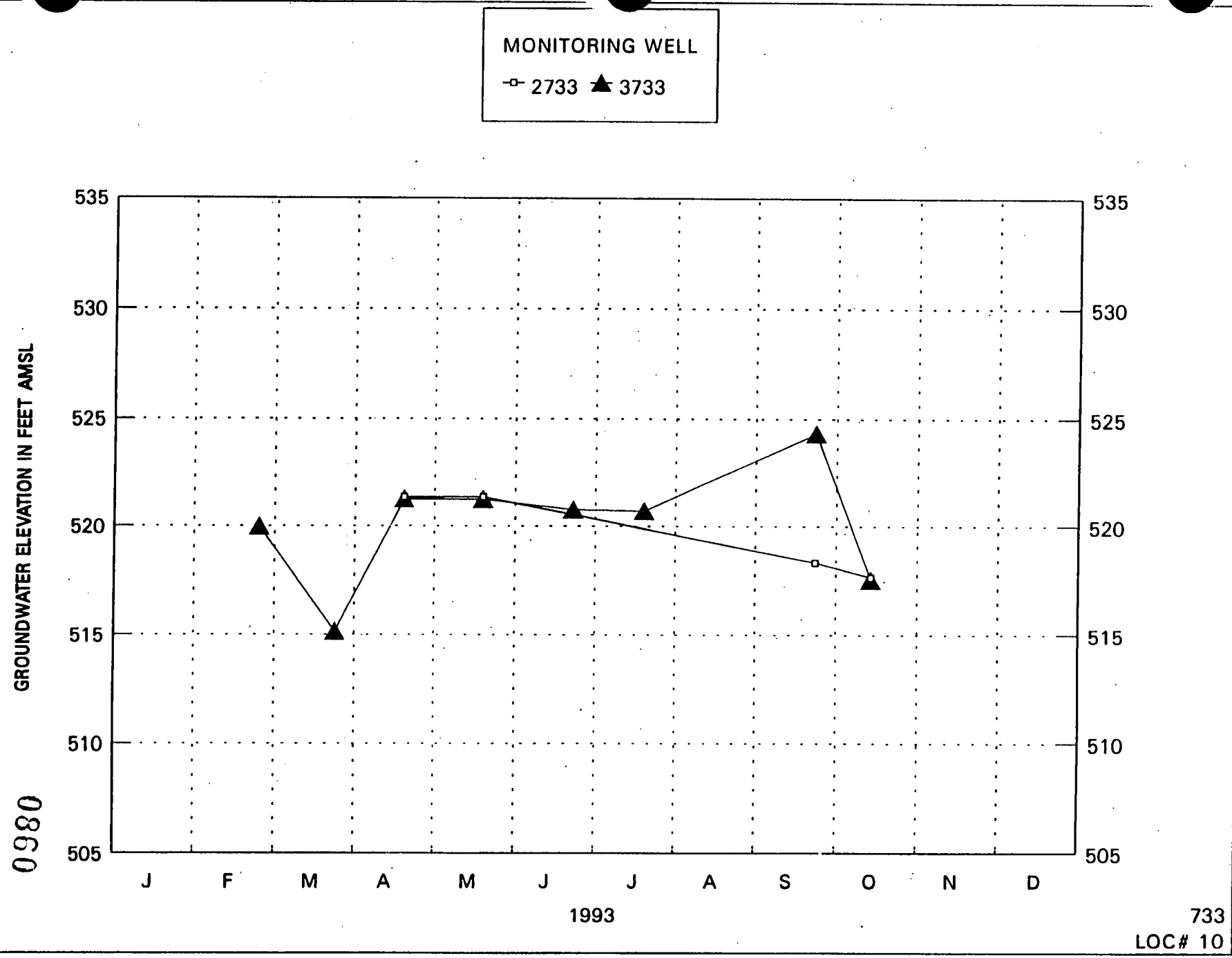
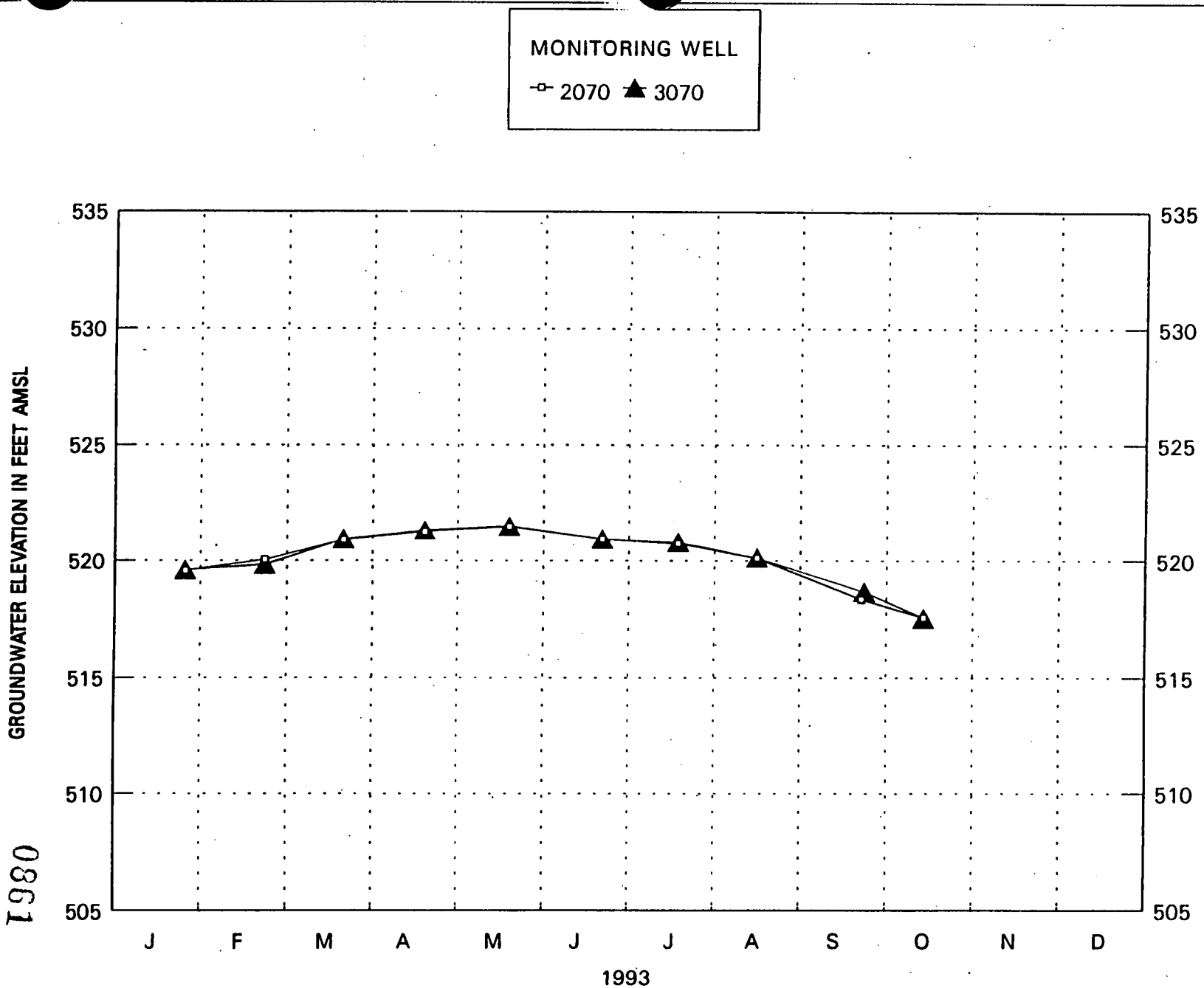


FIGURE H-1-10. HYDROGRAPH FOR WELL CLUSTER 733

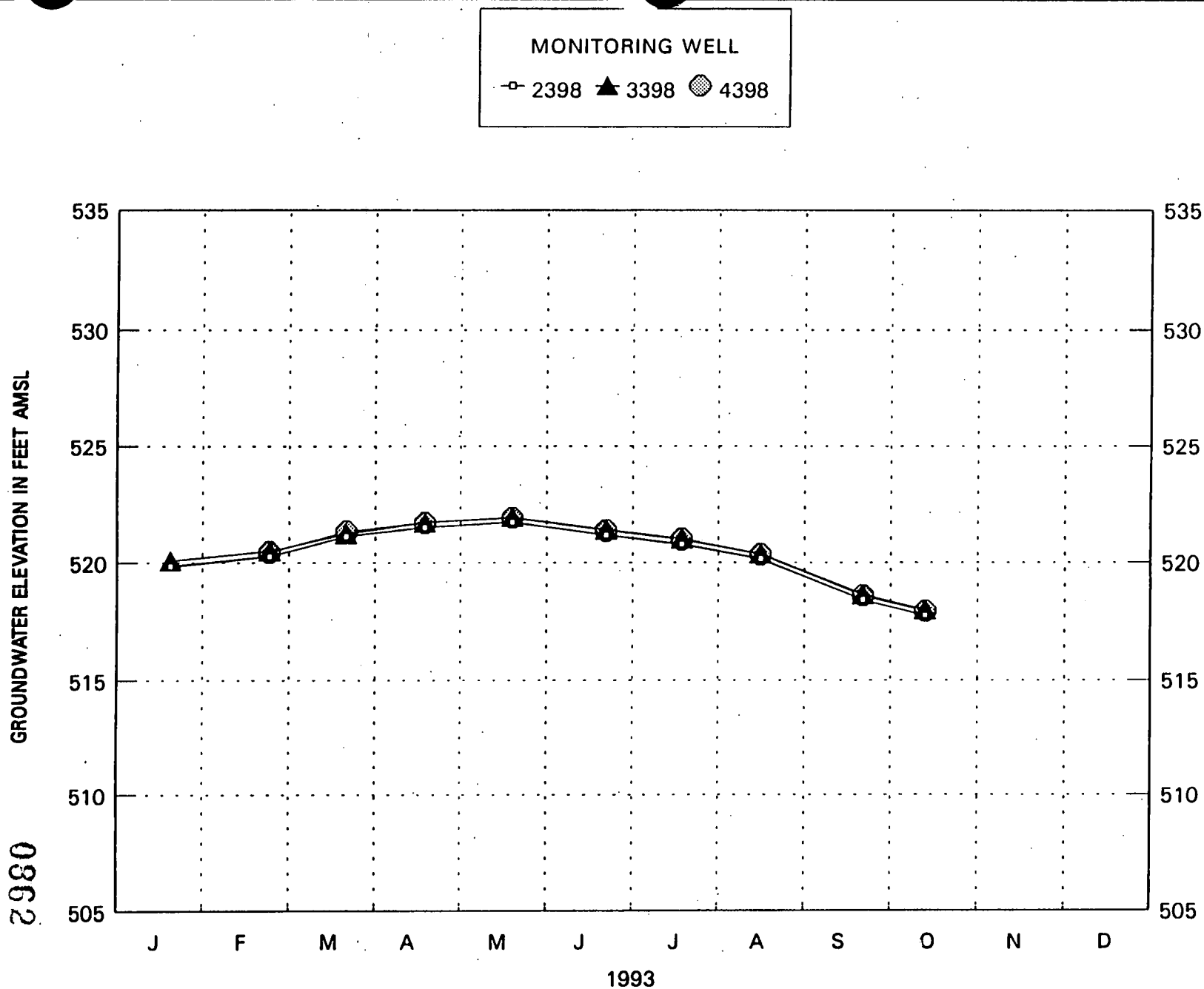
0980

5217



070
LOC# 11

FIGURE H-1-11. HYDROGRAPH FOR WELL CLUSTER 070



398
LOC# 12

FIGURE H-1-12. HYDROGRAPH FOR WELL CLUSTER 398

0862

5217

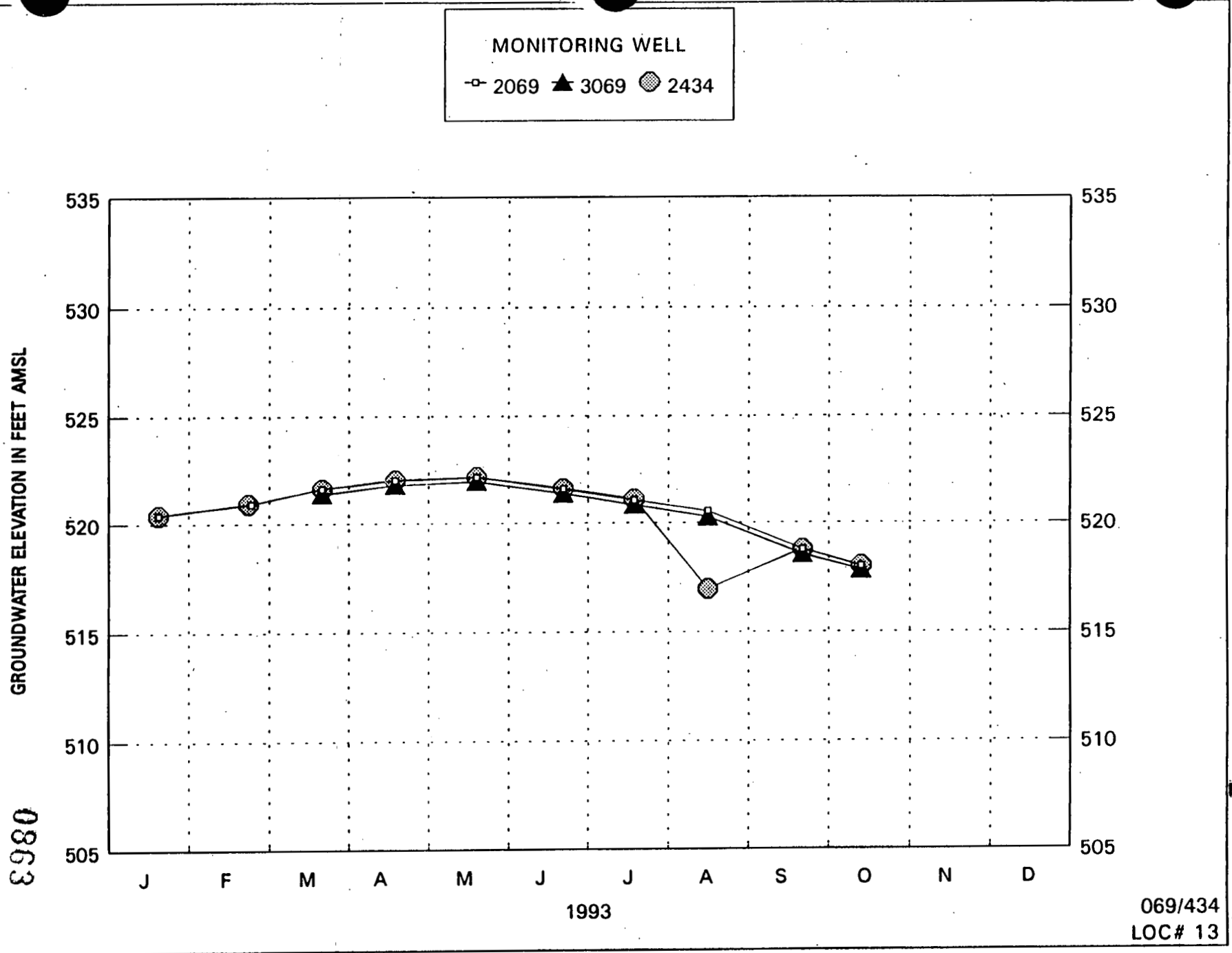


FIGURE H-1-13. HYDROGRAPH FOR WELL CLUSTER 069/434

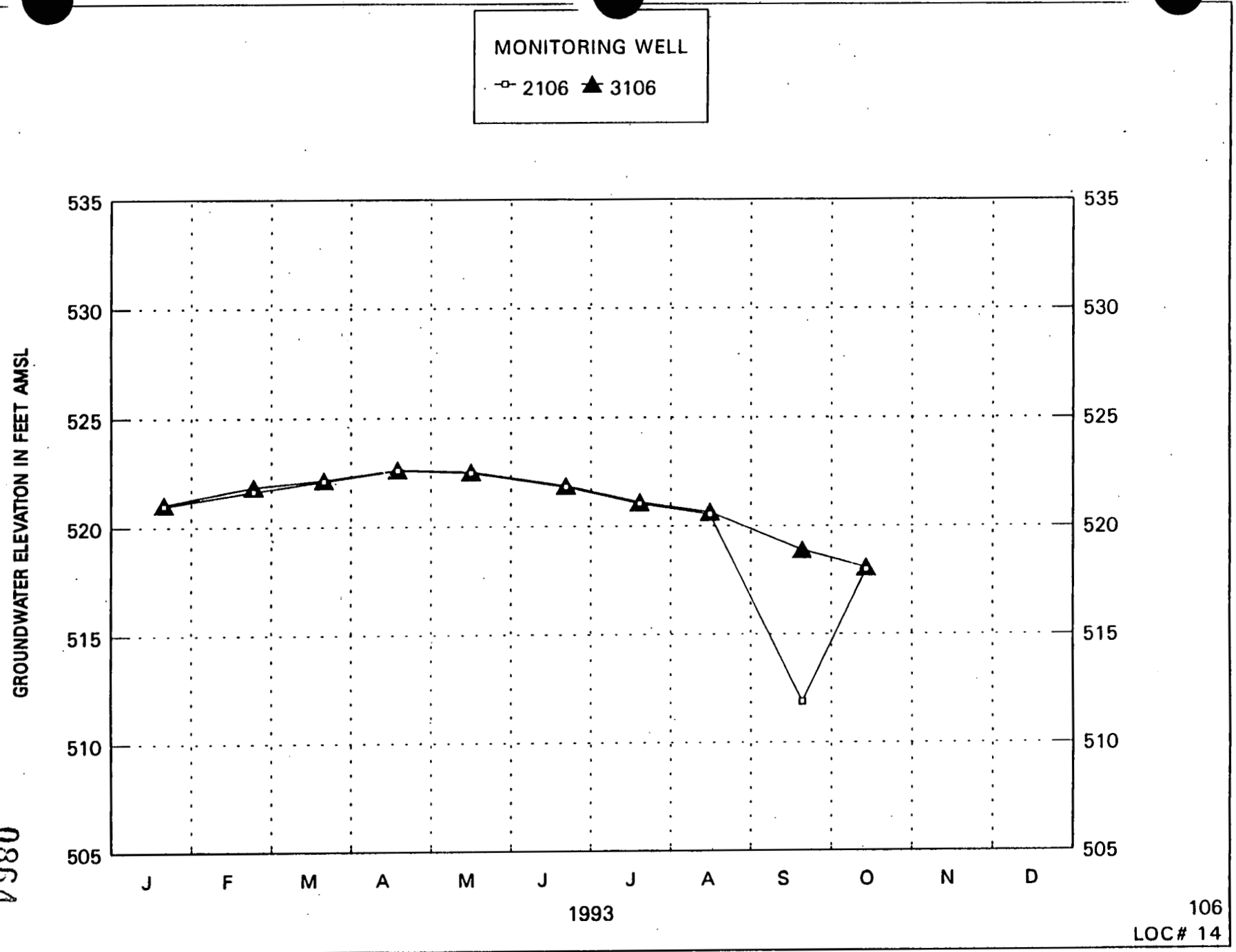


FIGURE H-1-14. HYDROGRAPH FOR WELL CLUSTER 106

APPENDIX H.2

HYDROGRAPHS OF 1988 THROUGH 1993 DATA

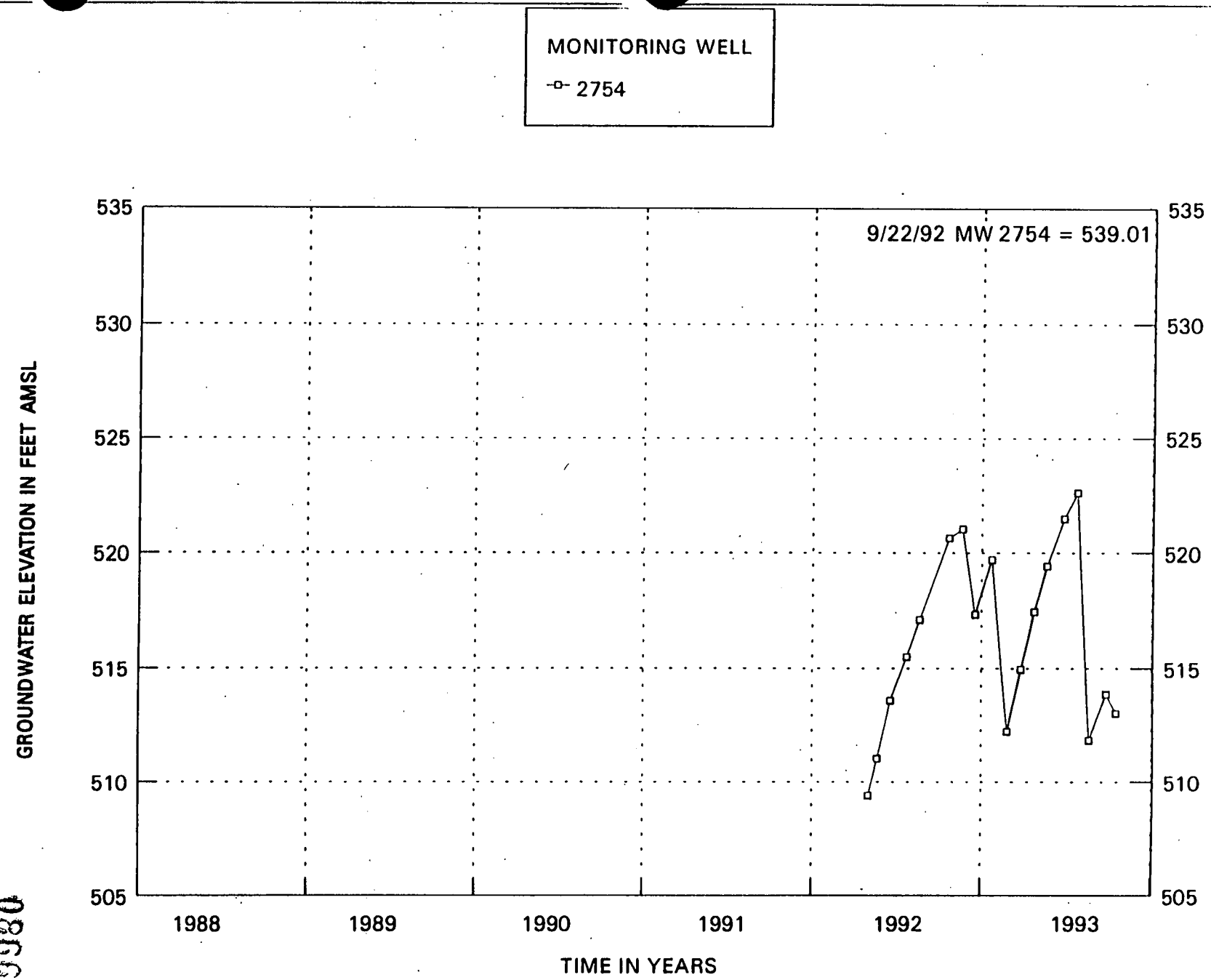
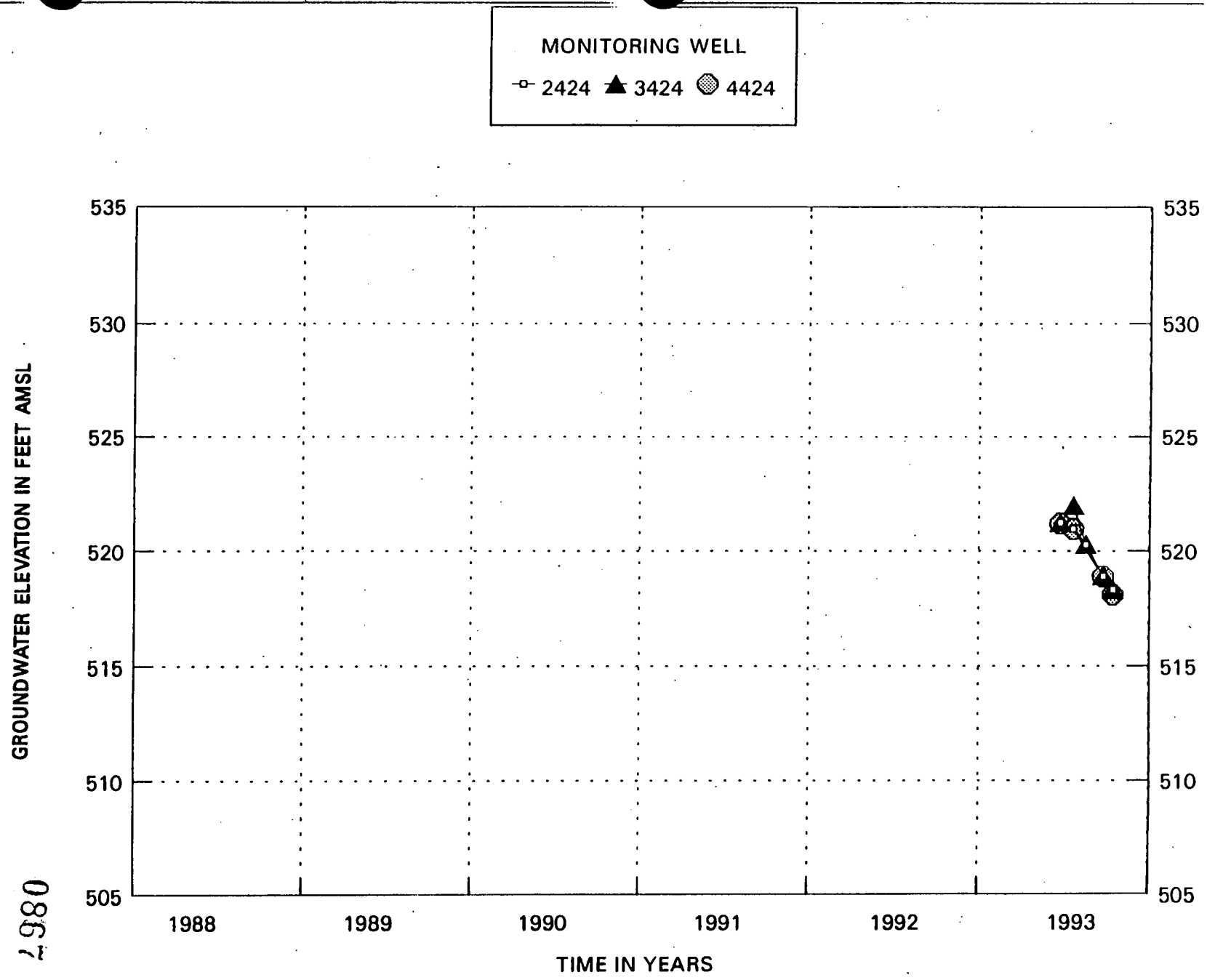


FIGURE H-2-1 HYDROGRAPH FOR WELL CLUSTER 754



424
LOC# 2

FIGURE H-2-2 HYDROGRAPH FOR WELL CLUSTER 424

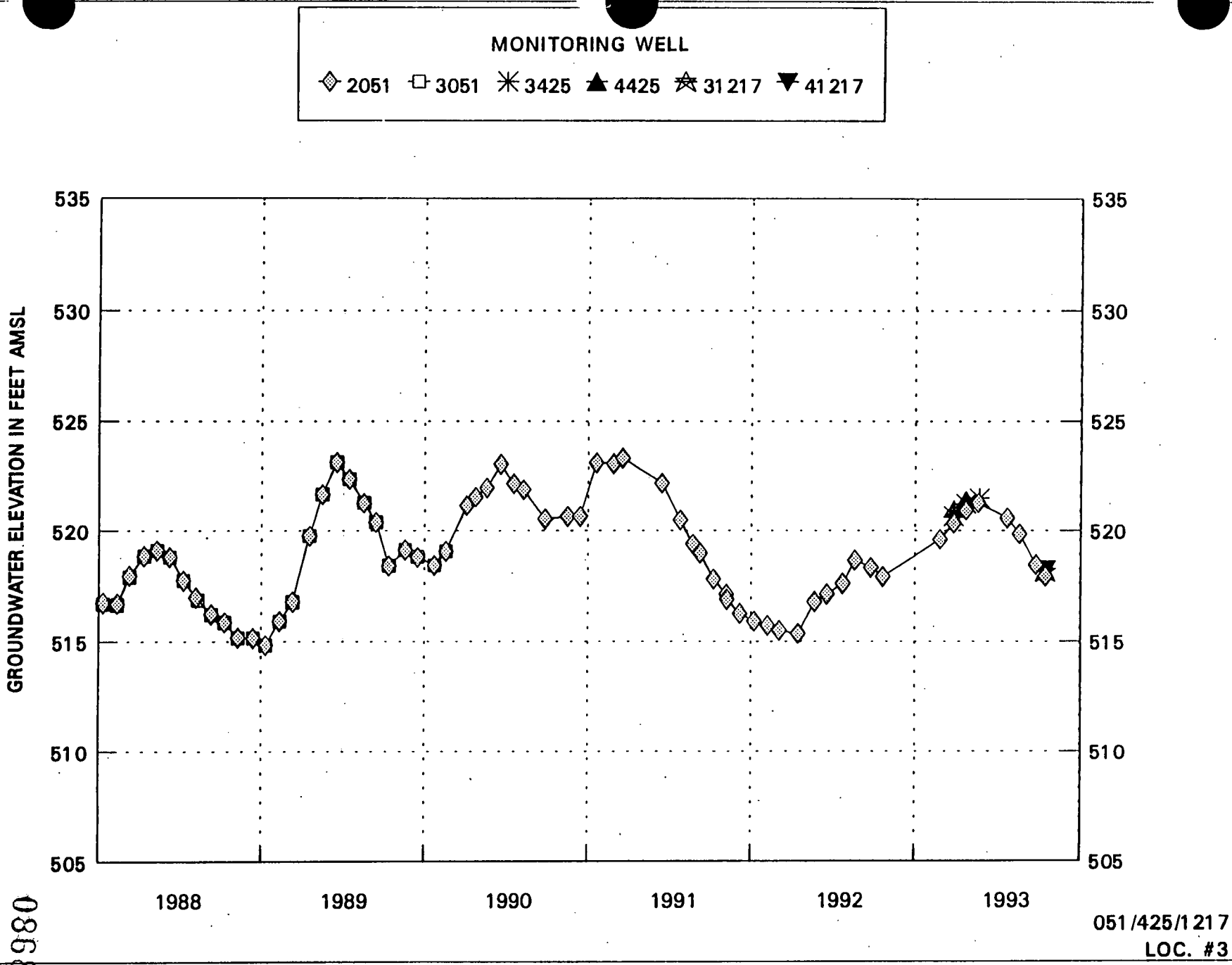


FIGURE H-2-3. HYDROGRAPH FOR WELL CLUSTER 051/425/1217

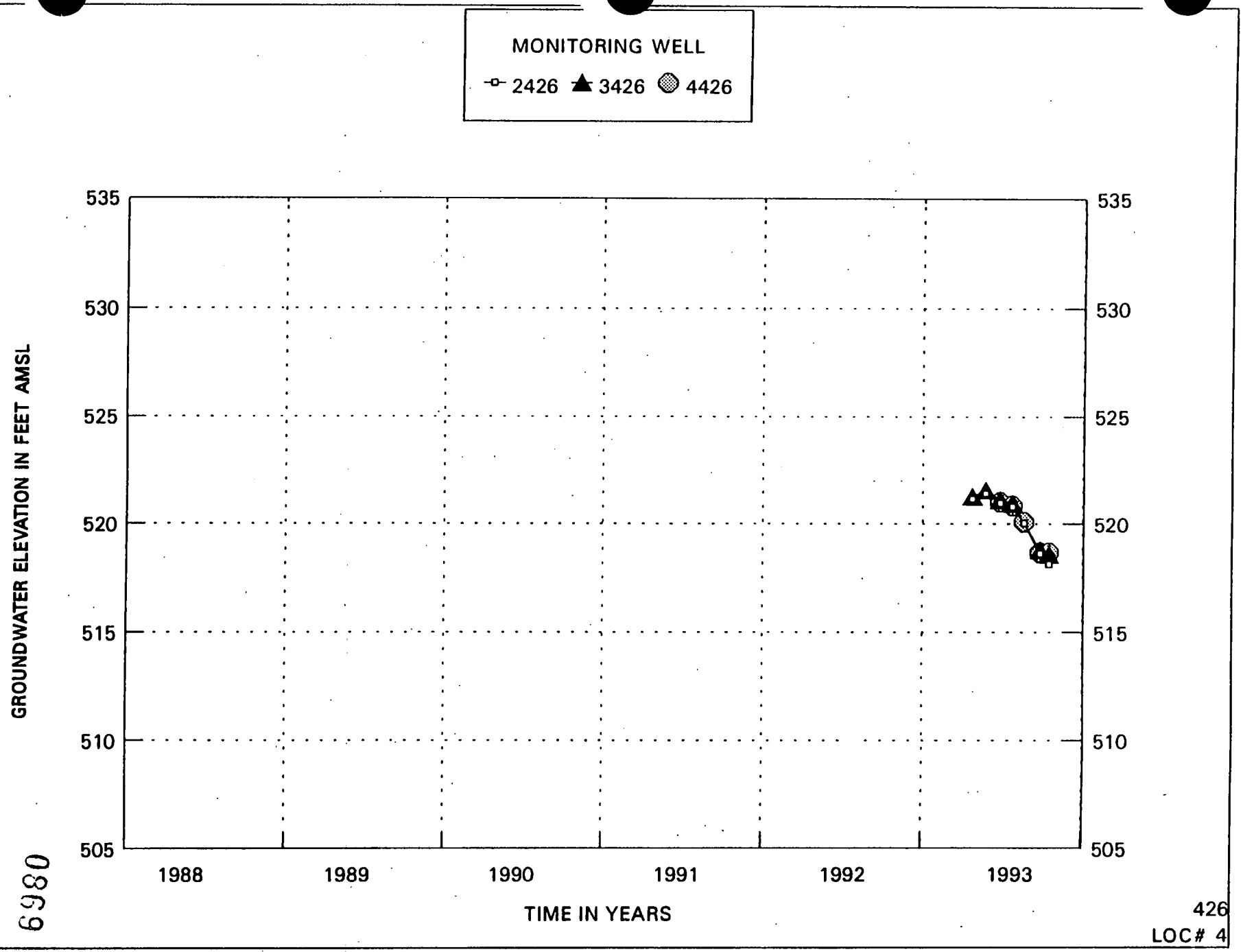


FIGURE H-2-4 HYDROGRAPH FOR WELL CLUSTER 426

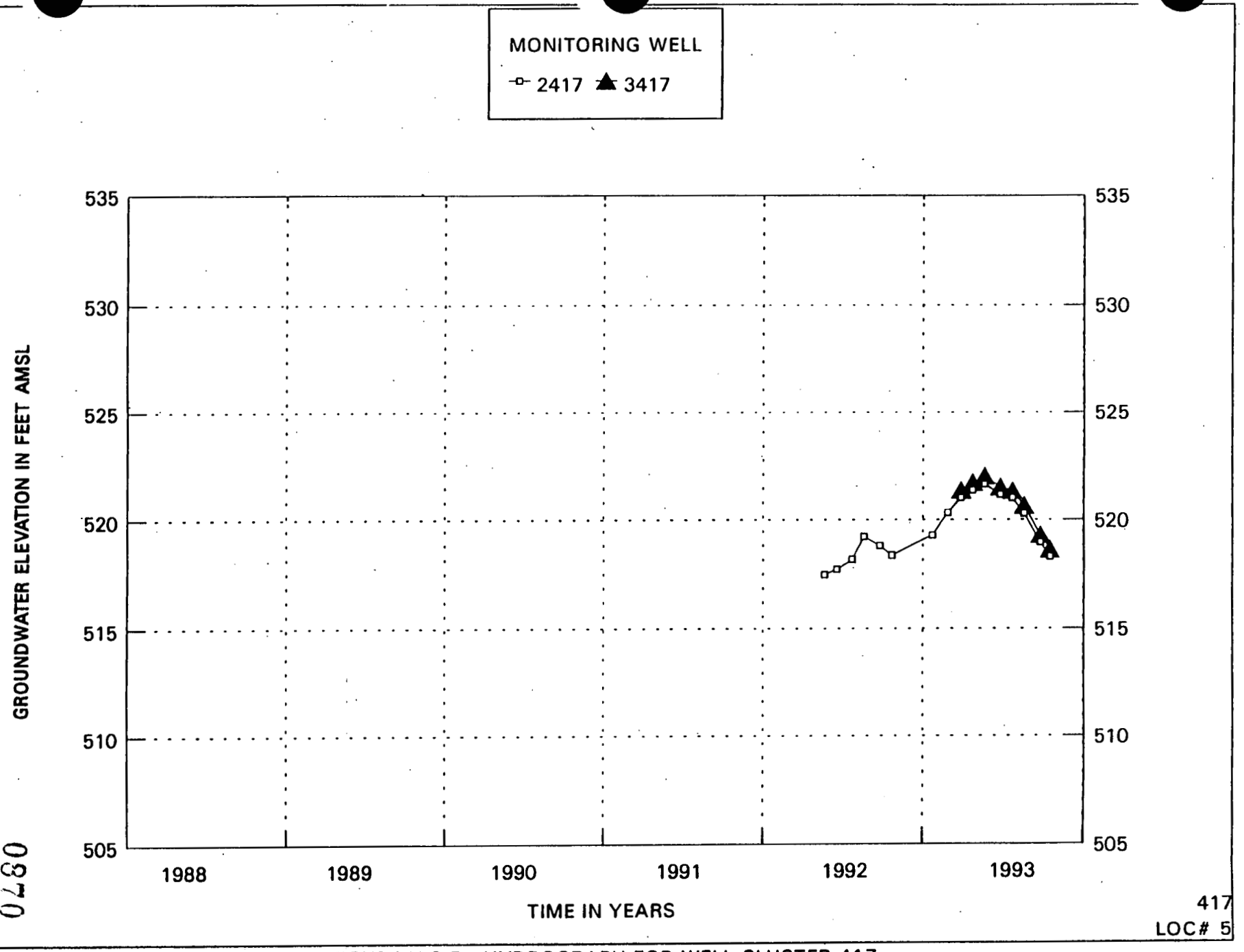


FIGURE H-2-5. HYDROGRAPH FOR WELL CLUSTER 417

0870

52117

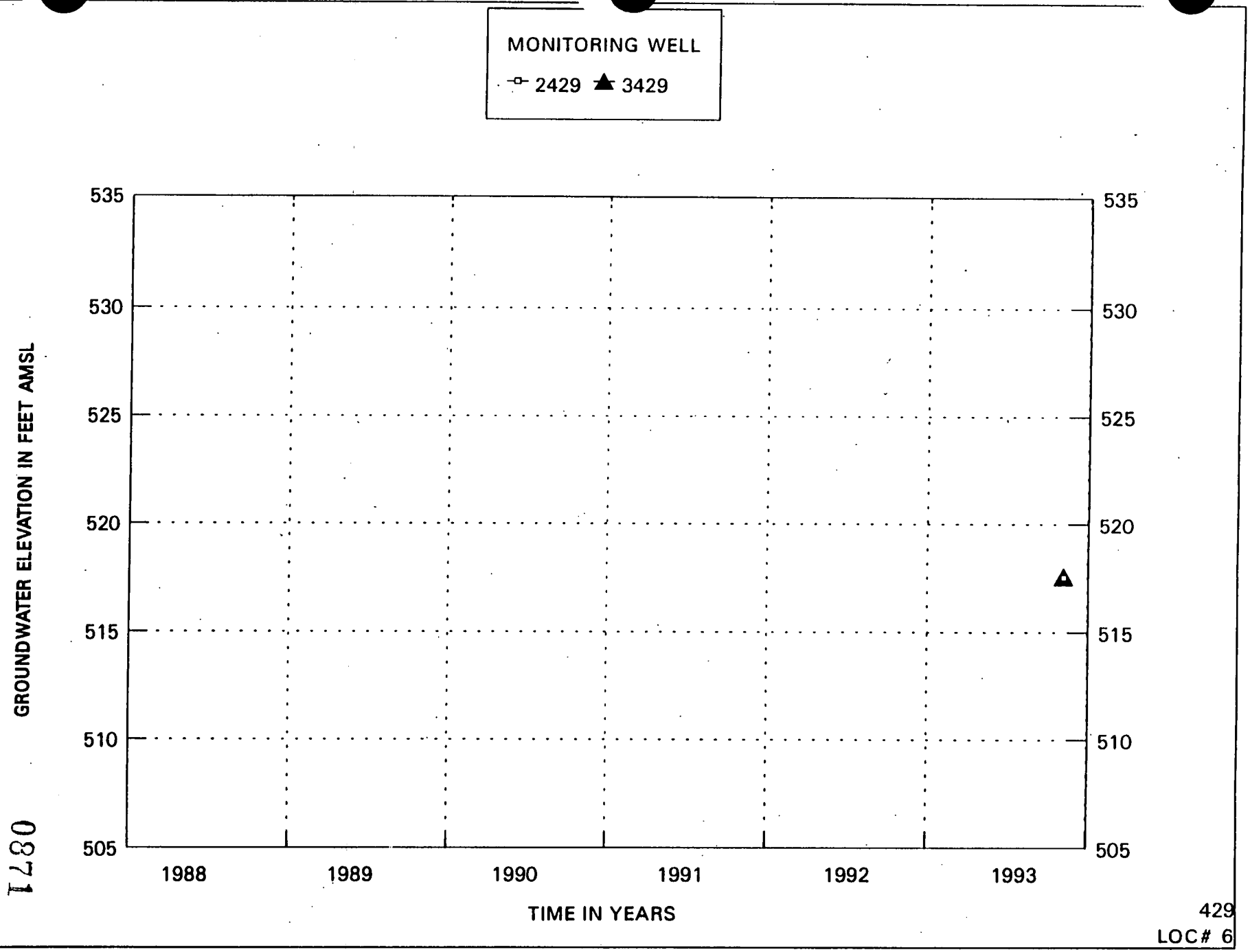
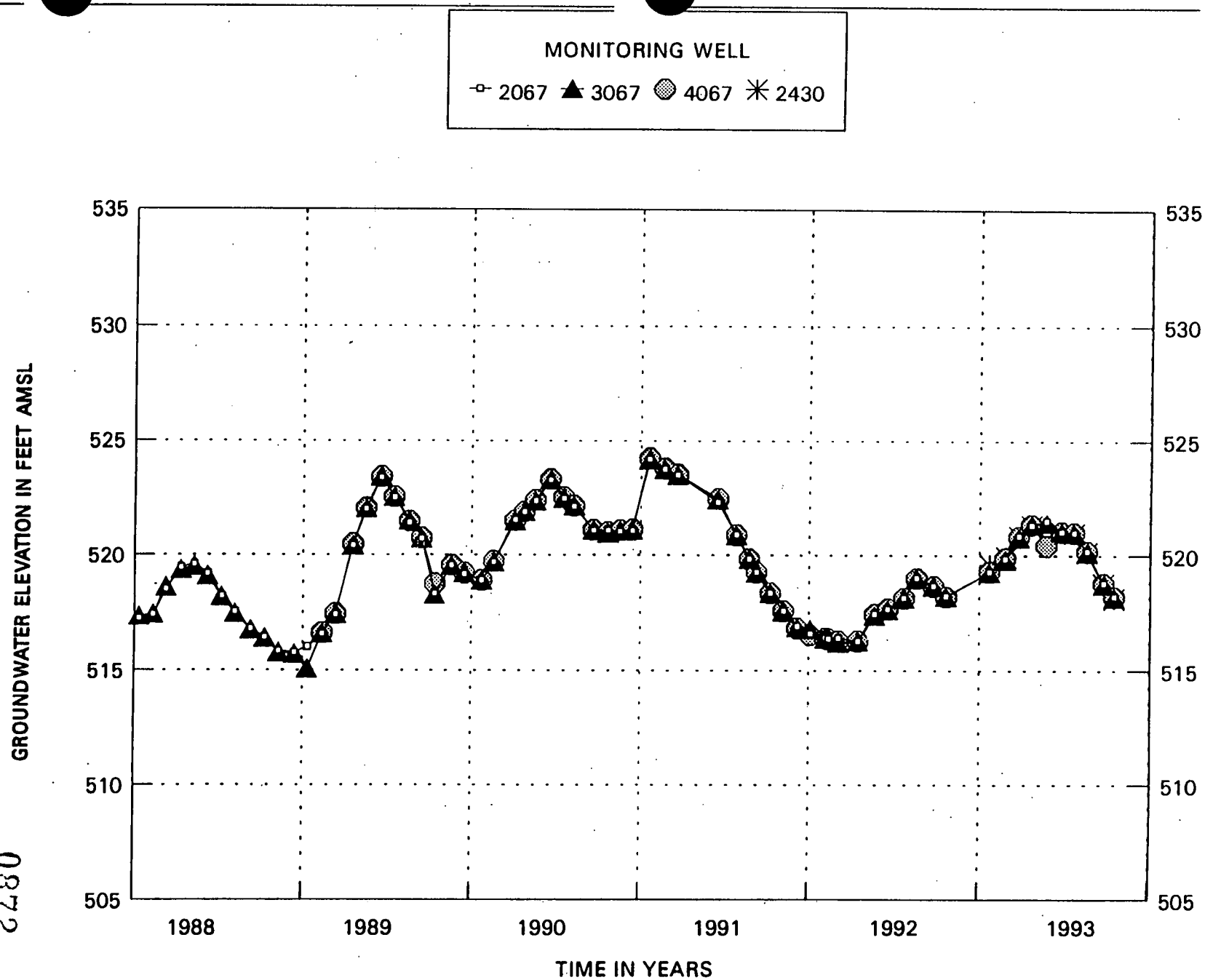


FIGURE H-2-6. HYDROGRAPH FOR WELL CLUSTER 429

0871

5217



067
LOC# 7

FIGURE H-2-7. HYDROGRAPH FOR WELL CLUSTER 067

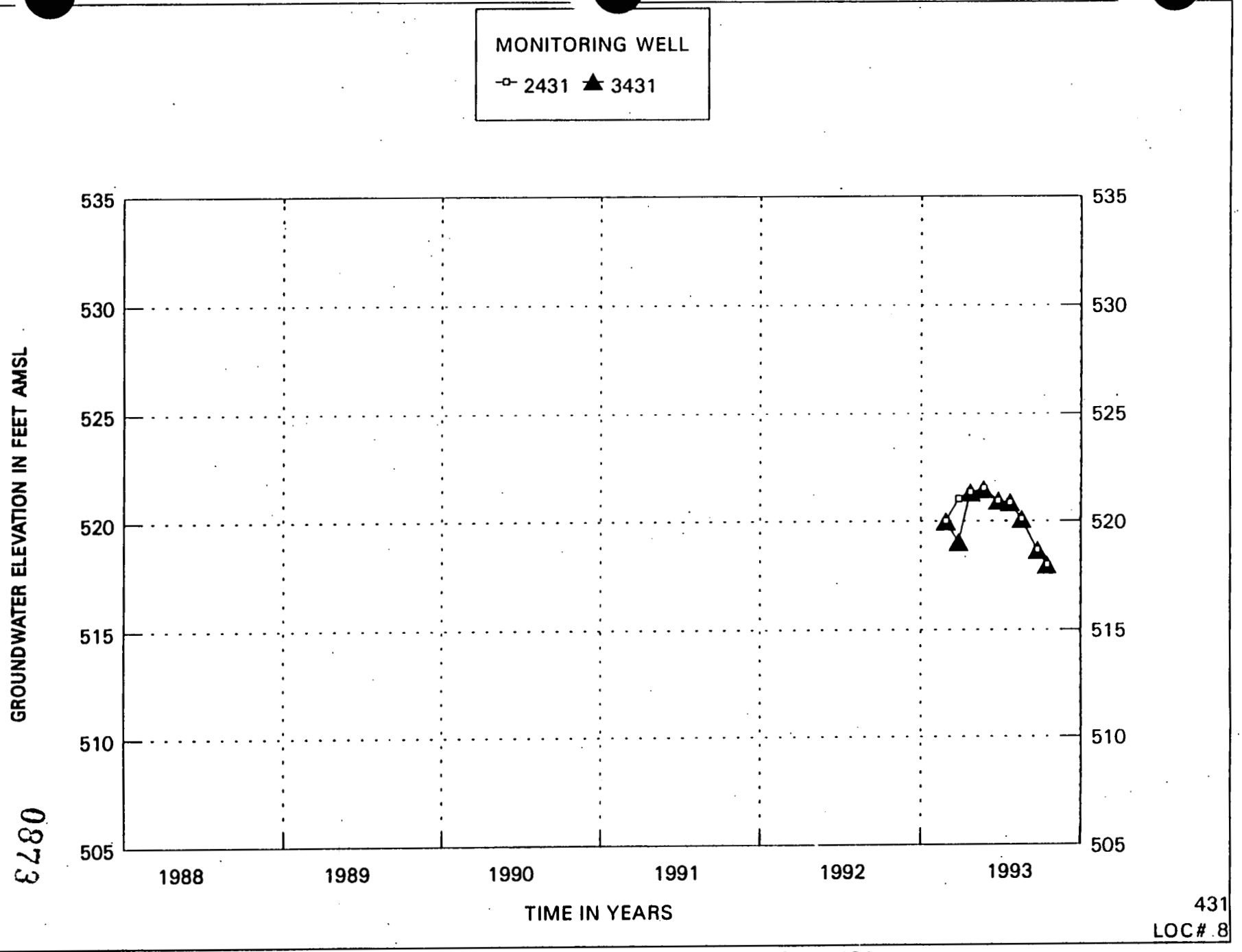


FIGURE H-2-8. HYDROGRAPH FOR WELL CLUSTER 431

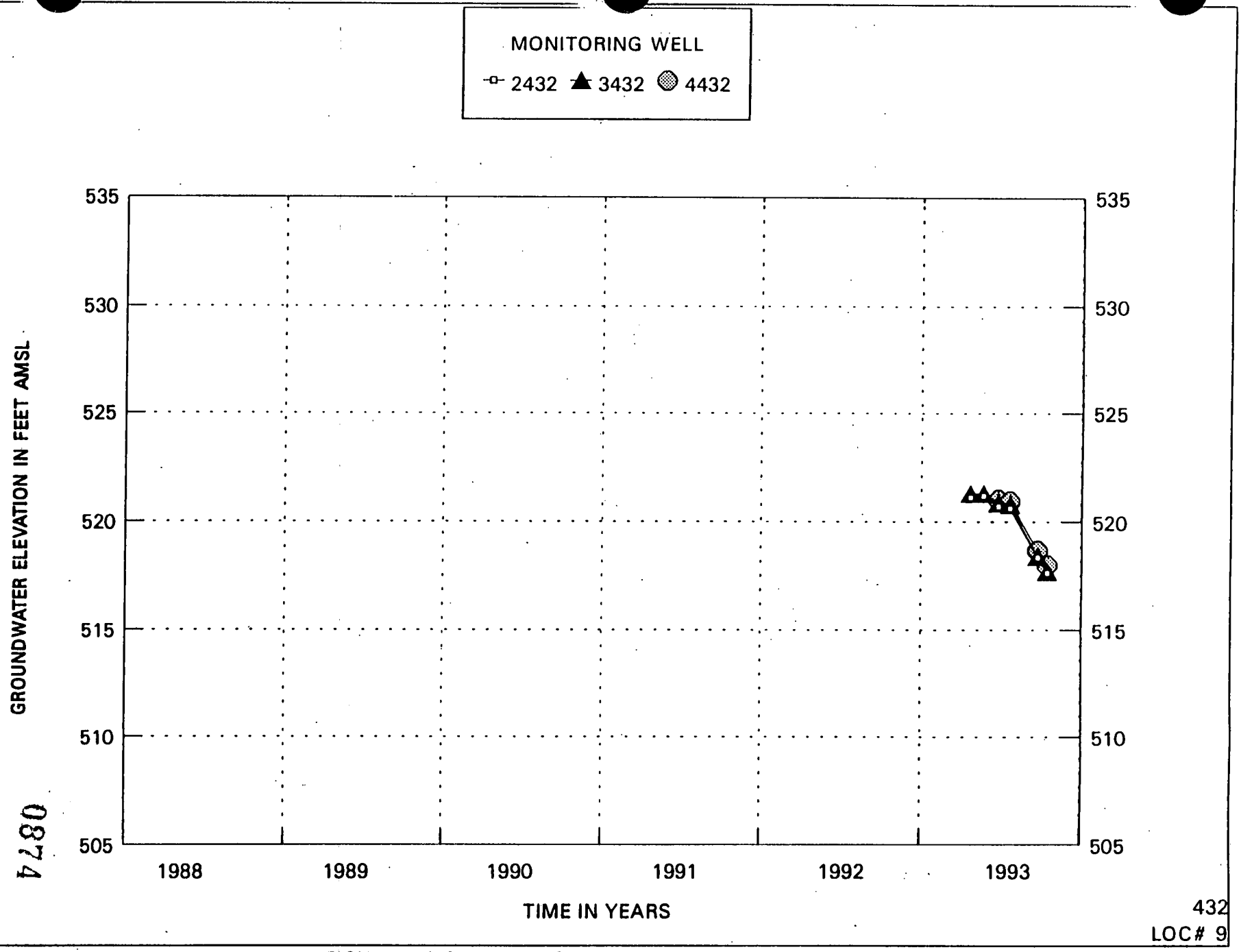


FIGURE H-2-9. HYDROGRAPH FOR WELL CLUSTER 432

0874

5217

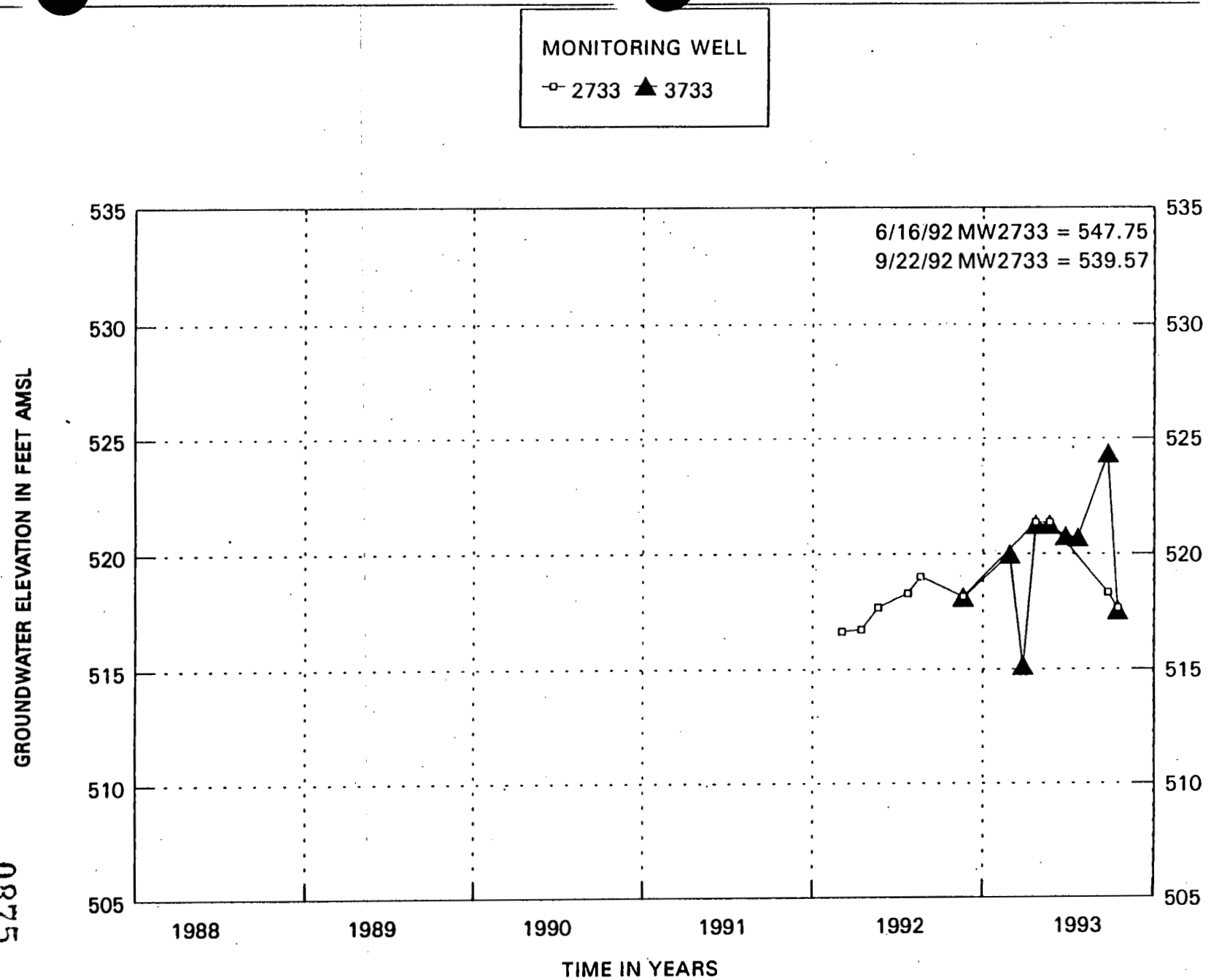


FIGURE H-2-1.0. HYDROGRAPH FOR WELL CLUSTER 733

0875

5217

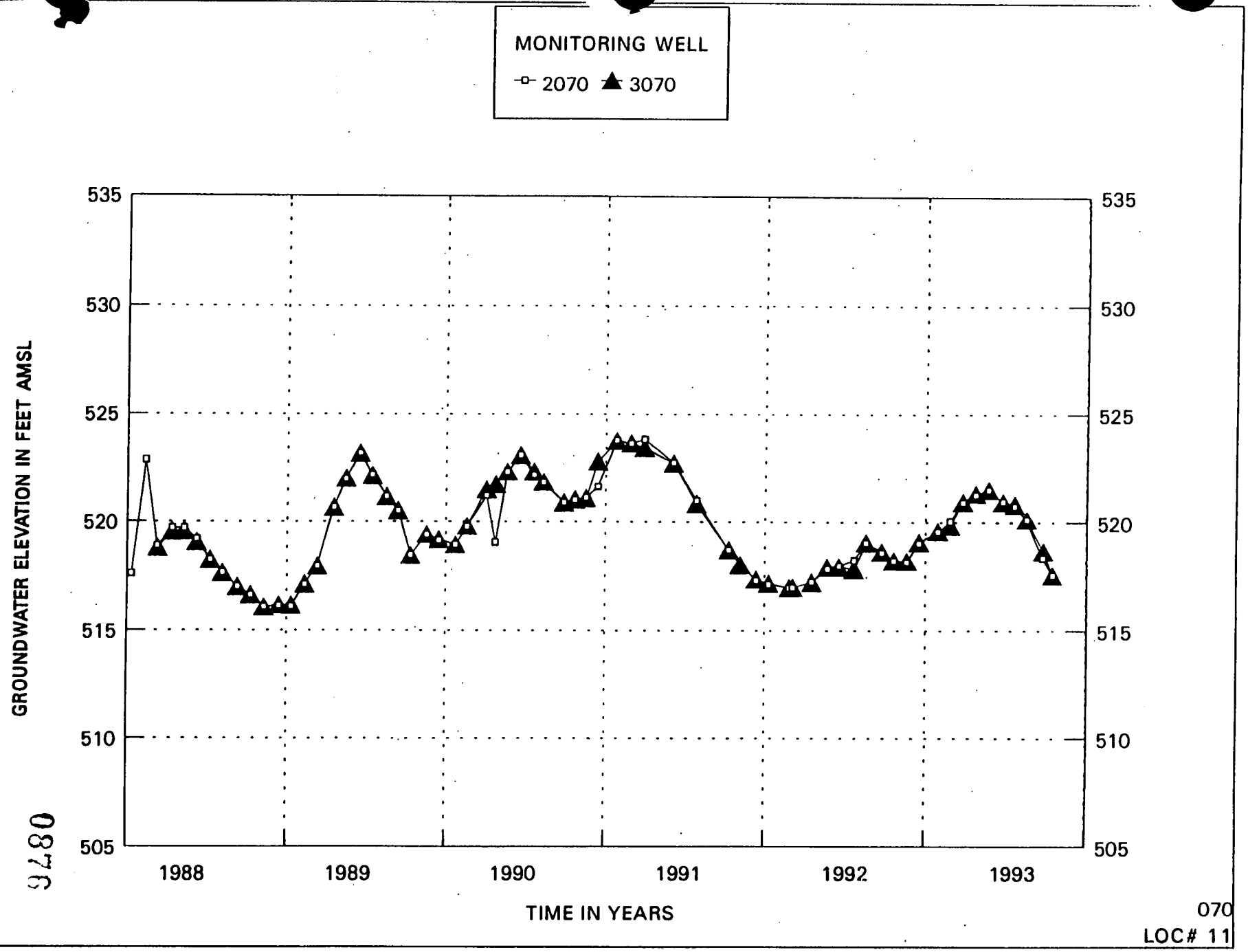


FIGURE H-2-11. HYDROGRAPH FOR WELL CLUSTER 070

08776

5217

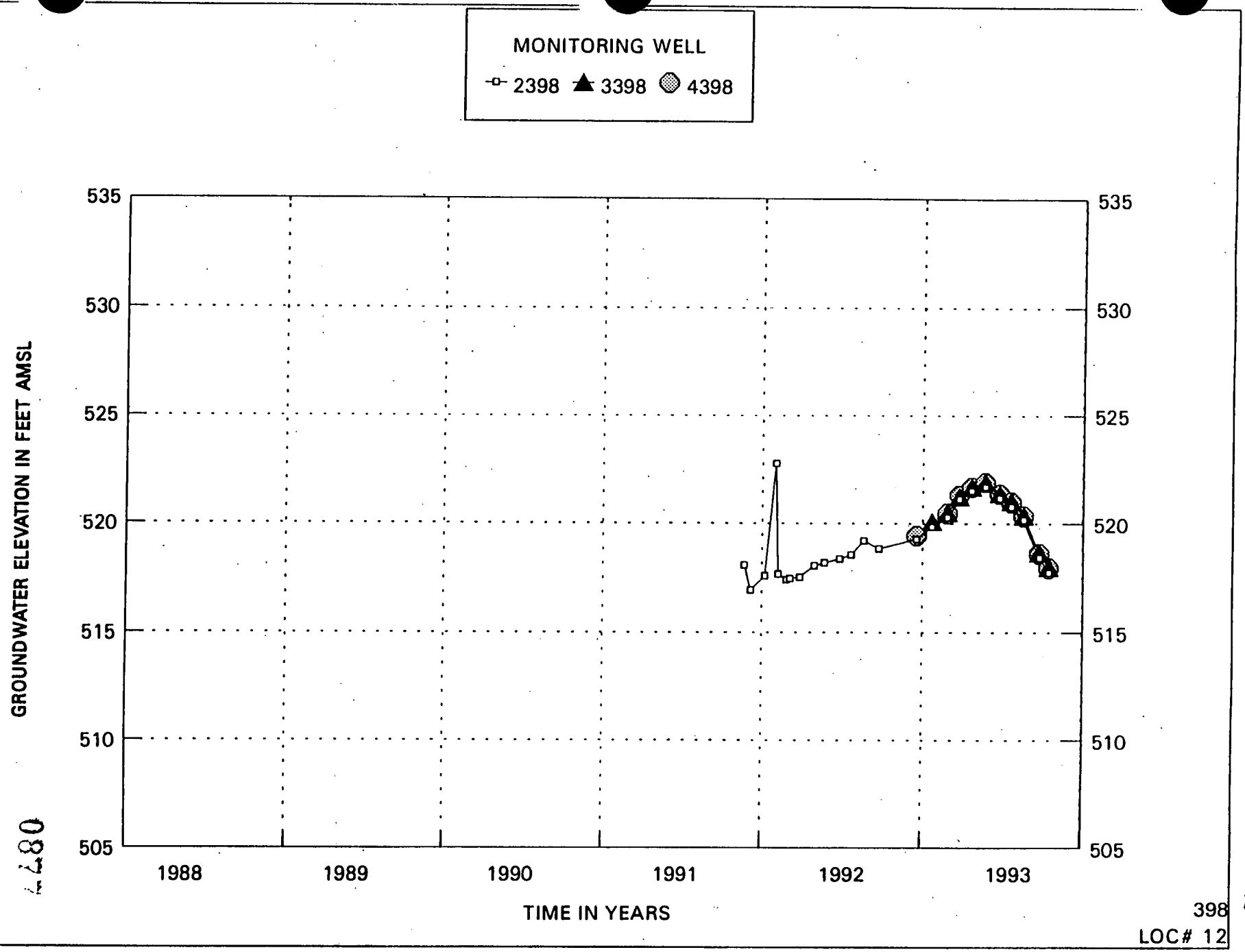


FIGURE H-2-12. HYDROGRAPH FOR WELL CLUSTER 398

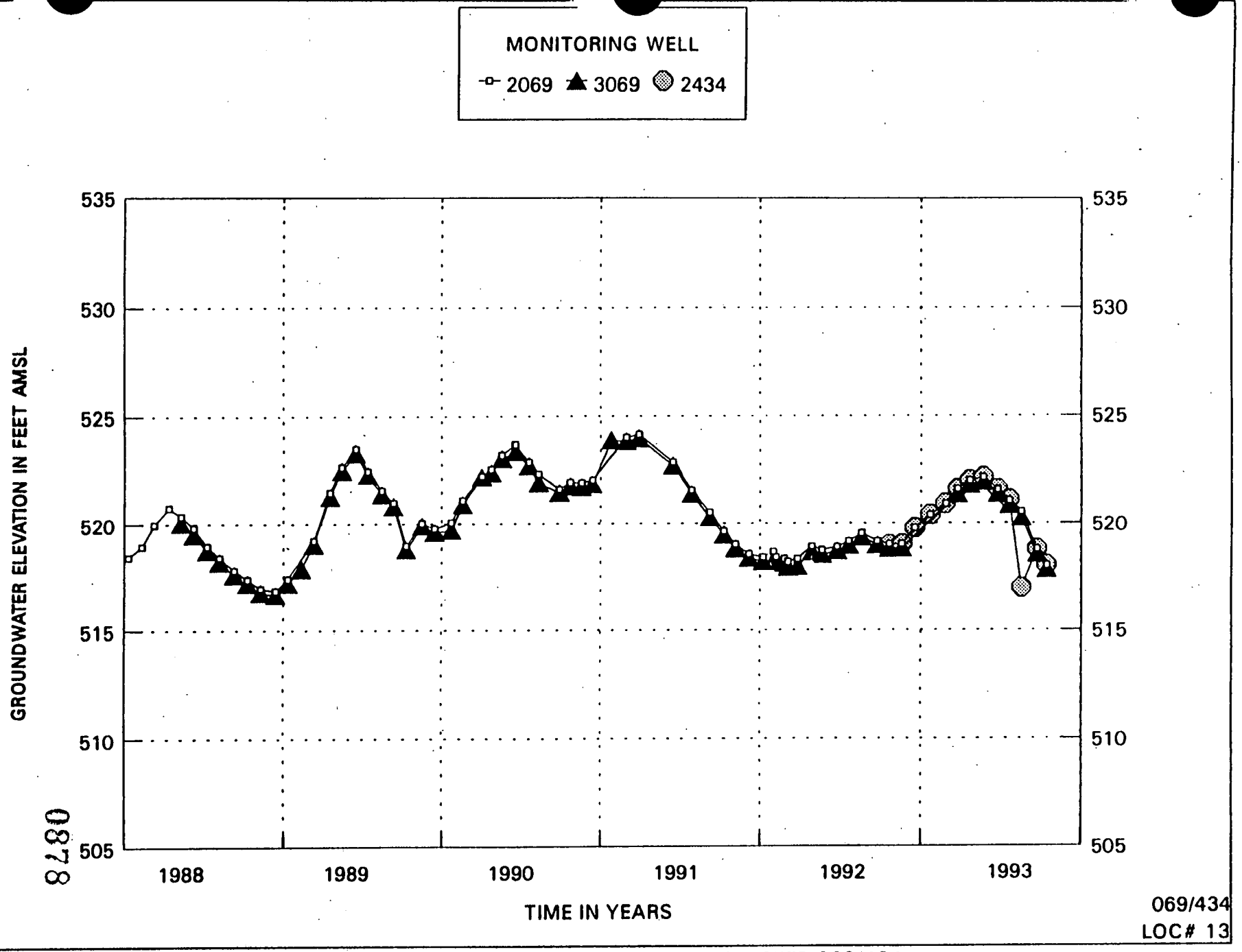
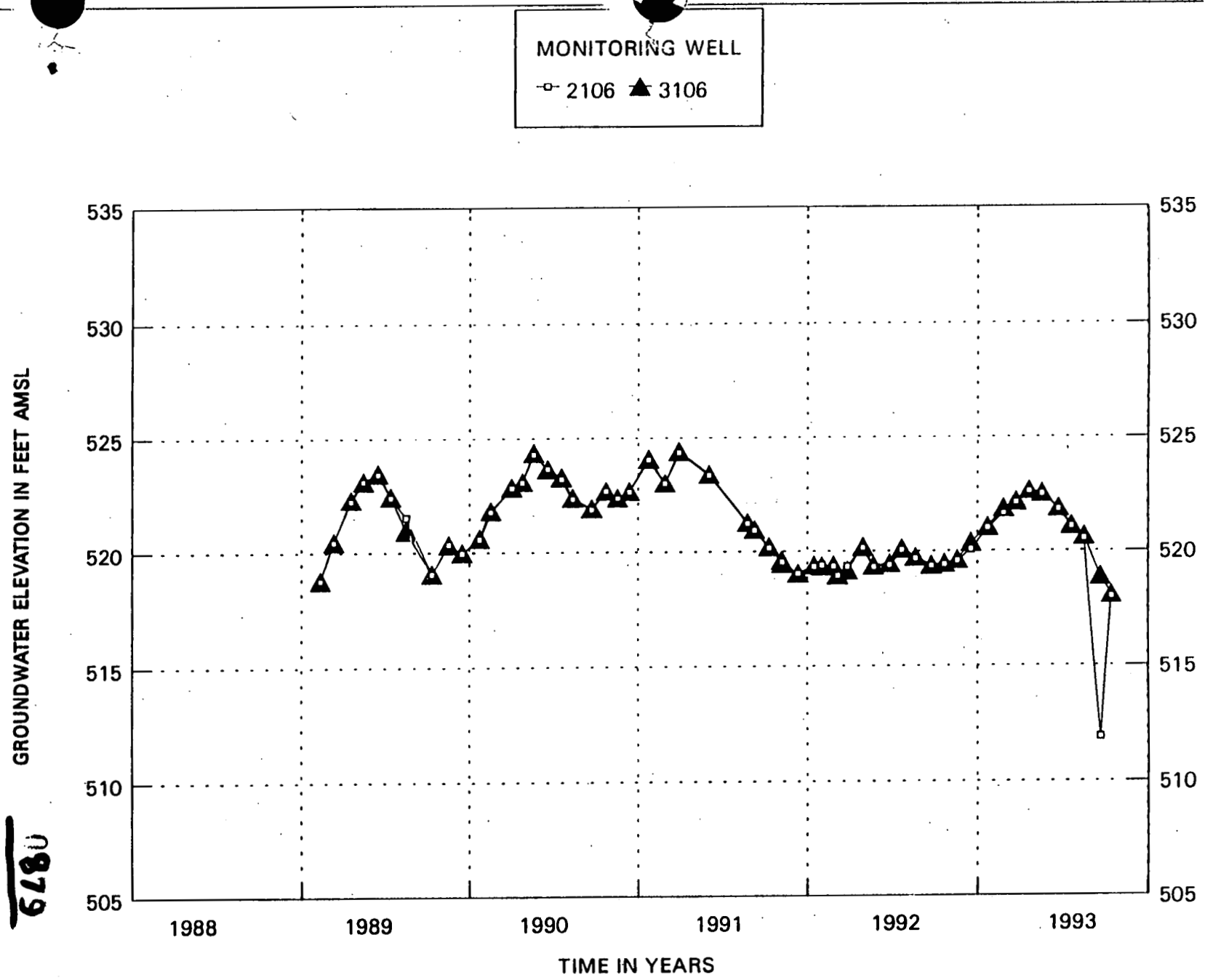


FIGURE H-2-13. HYDROGRAPH FOR WELL CLUSTER 069/434

08778

5217



106
LOC# 14

FIGURE H-2-14. HYDROGRAPH FOR WELL CLUSTER 106

0879

5217