FIRST QUARTER 1993

**SANITARY LANDFILL
GROUNDWATER
MONITORING REPORT (U)**

PUBLICATION DATE: MAY 1993

**WESTINGHOUSE SAVANNAH RIVER COMPANY
SAVANNAH RIVER SITE
AIKEN, SC 29808**

Prepared for the U.S. Department of Energy under Control Contract No. DE-AC09-89SR18035

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Michelle Bullington

WESTINGHOUSE SAVANNAH RIVER COMPANY
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MASTER

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First Quarter 1993 Data Review

This report contains analytical data for samples taken during first quarter 1993 from wells of the LFW series located at the Sanitary Landfill at the Savannah River Site. The data are submitted in reference to the Sanitary Landfill Operating Permit (DWP-087A). The report presents monitoring results that equaled or exceeded the Safe Drinking Water Act final Primary Drinking Water Standards (PDWS) or screening levels, established by the U.S. Environmental Protection Agency (Appendix A), the South Carolina final Primary Drinking Water Standards for lead (Appendix A), or the SRS flagging criteria (Appendix B).

Key to Reading the Tables

The following abbreviations may appear in the tabular data:

B = sample collected from well using an open bucket bailer
 BA = Barringer Laboratories, Inc.
 CN = Clemson Technical Center, Inc.
 CS = carbon steel
 D = primary drinking water standard (PDWS)
 E = exponential notation (e.g., $1.1\text{E}-09 = 1.1 \times 10^{-9} = 0.0000000011$)
 EM = Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) Laboratory
 GE = General Engineering Laboratories
 GP = Environmental Physics, Inc.
 H = holding time
 1,2,3,4,6,7,8-HPCDD = 1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin
 1,2,3,4,6,7,8-HPCDF = 1,2,3,4,6,7,8-heptachlorodibenzo-p-furan
 1,2,3,4,7,8-HXCDD = 1,2,3,4,7,8-hexachlorodibenzo-p-dioxin
 1,2,3,4,7,8-HXCDF = 1,2,3,4,7,8-hexachlorodibenzo-p-furan
 Lindane = gamma-benzene hexachloride
 mg/L = milligrams per liter
 Mod = modifier
 msl = mean sea level
 MSL = million structures per liter
 NTU = turbidity unit
 P = sample collected from well using a bladder pump
 PCB = polychlorinated biphenyl
 1,2,3,7,8-PCDD = 1,2,3,7,8-pentachlorodibenzo-p-dioxin
 1,2,3,7,8-PCDF = 1,2,3,7,8-pentachlorodibenzo-p-furan
 pCi/L = picocuries per liter
 pCi/mL = picocuries per milliliter
 PDWS = primary drinking water standard
 pH = pH unit
 PVC = polyvinyl chloride
 S = sample collected from well using a single-speed centrifugal downhole pump

Sp. conductance = specific conductance
 SP = Spencer Testing Services, Inc.
 TCDD = tetrachlorodibenzo-p-dioxin
 TCDF = tetrachlorodibenzo-p-furan
 TM = TMA/Eberline
 TOC = top of casing
 V = sample collected from well using a variable-speed pump
 WA = Roy F. Weston, Inc.
 $\mu\text{g/L}$ = micrograms per liter
 $\mu\text{S/cm}$ = microsiemens per centimeter

Holding Times

Standard analytical methods include a limit, called holding time, on the maximum elapsed time between sample collection and extraction or analysis by the laboratory. In the data tables, a large dot (•) in the H (holding time) column indicates that holding time was exceeded. Analyses performed beyond holding time may not yield valid results.

The South Carolina Department of Health and Environmental Control allows only 15 minutes to elapse between sampling and analysis for pH. Thus, only field pH measurements can meet the holding time criterion; laboratory pH analyses will always exceed it.

Laboratory-initiated procedures for reducing the number of other analyses performed out of holding time include subcontracting analyses when difficulties with equipment, personnel, or work load would prevent timely analyses. SRS reduces the compensation to laboratories for analyses performed out of holding time.

Data Qualification

The contract laboratories continually assess their own accuracy and precision according to U.S. Environmental Protection Agency (EPA) guidelines. They submit sample- or batch-specific quality assurance/quality control information either at the same time as analytical results or in a quarterly summary. Properly defined and used result modifiers (also referred to as qualifiers) can be a key component in assessing data useability. Result modifiers designed by EPD/EMS and provided to the primary laboratories are defined below. These modifiers appear in the data tables under the column "Mod."

<u>Result modifier</u>	<u>Definition</u>
(Blank)	Data are not qualified. Number should be interpreted exactly as reported.
A ^a	Value reported is the mean of two or more determinations.
J ^a	Value is estimated because quantitation in the sample or in associated quality control samples did not meet specifications.
L ^a	Value is off-scale high. The actual value is not known but is known to be greater than the value shown.

<u>Result modifier</u>	<u>Definition</u>
M ^a	Presence of the analyte is verified but not quantified.
R ^a	Result was rejected because performance requirements in the sample analysis or associated quality control analyses were not met.
T ^a	Analyte was not detected; if present, it was below the criteria for detection.
V ^a	Analyte was detected in an associated method blank.
1	Result may be an underestimation of the true value due to analytical bias.
2	Result may be an overestimation of the true value due to analytical bias.
3	The associated result may be of poor precision (high variability) due to analytical bias.
6	The associated result is from a reanalysis performed out of holding time due to problems with an earlier analysis.

^a These codes are based on the STORET codes from EPA.

Groundwater Monitoring Results for Individual Wells

WELL LFW 6

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84537.8 E45241.2	33.286553 °N 81.711886 °W	160.4-141.1 ft msl	171.7 ft msl	4" Steel	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/15/93
 Depth to water: 15.48 ft (4.72 m) below TOC
 Water elevation: 156.22 ft (47.62 m) msl
 Sp. conductance: 161 μ S/cm
 Water evacuated before sampling: 273 gal

Time: 15:44
 pH: 5.8
 Alkalinity: 52 mg/L
 Water temperature: 18.6°C
 Volumes purged: 27.5 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.6	J	pH	0	WA
•		pH	5.6	J	pH	0	WA
•		Specific conductance	165	J	μ S/cm	0	WA
•		Specific conductance	168	J	μ S/cm	0	WA
		Acetone	17	V	μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	24		μ g/L	0	WA
		Benzene	1.4	J	μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	6,490	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	5,980		μ g/L	0	WA
		Chlorobenzene	1.7	J	μ g/L	0	WA
		Chloroethane	3.5	J	μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	7.3		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	6.5	J	μ g/L	1	WA
		1,1-Dichloroethane	17		μ g/L	2	WA
		1,2-Dichloroethane	1.4	J	μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 6 collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	<5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Endrin	<0.22		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	18,700		µg/L	2	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	5.0	J3	µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Lindane	<0.11		µg/L	0	WA
		Magnesium	4,530	V	µg/L	0	WA
		Manganese	85		µg/L	2	WA
•		Mercury	<0.20	J	µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methoxychlor	<1.1		µg/L	0	WA
		Methoxychlor	<1.1		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	<20		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	650	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	7,150		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	2,490		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	11,100		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	1.8	J	µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
•		Total dissolved solids	91,000	J	µg/L	0	WA
		Total organic carbon	2,340		µg/L	0	WA
		Total organic halogens	102		µg/L	2	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		Toxaphene	<2.2		µg/L	0	WA
		Toxaphene	<2.2		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	2.0	J	µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 6 collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	1.0E+01 ± 2.6E+00		pCi/L	1	TM
		Nonvolatile beta	1.2E+01 ± 2.7E+00		pCi/L	0	TM
		Radium-226	1.8E+00 ± 5.2E-01		pCi/L	0	TM
		Radium-228	4.8E+00 ± 1.6E+00		pCi/L	1	TM
		Tritium	2.5E+00 ± 4.1E-01		pCi/mL	0	TM

WELL LFW 6

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84537.8 E45241.2	33.286553 °N 81.711886 °W	160.4-141.1 ft msl	171.7 ft msl	4" Steel	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 15.68 ft (4.78 m) below TOC
 Water elevation: 156.02 ft (47.56 m) msl
 Sp. conductance: 262 µS/cm
 Water evacuated before sampling: 133 gal

Time: 13:28
 pH: 5.9
 Alkalinity: 54 mg/L
 Water temperature: 18.2°C
 Volumes purged: 13.6 well volumes

WELL LFW 7

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84310.3 E45318.9	33.286177 °N 81.711239 °W	159.8-140.5 ft msl	171.2 ft msl	4" Steel		Steel Pond

FIELD MEASUREMENTS

Sample date: 01/15/93
 Depth to water: 17.05 ft (5.20 m) below TOC
 Water elevation: 154.15 ft (46.99 m) msl
 No water evacuated before sampling.
 Inaccessibility or pump failure prevented sample collection.

Time: 14:44

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 8

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84032.6	33.285720 °N	159.2-139.9 ft msl	170.5 ft msl	4" Steel	S	Steel Pond
E45415.3	81.710445 °W					

FIELD MEASUREMENTS

Sample date: 01/16/93
 Depth to water: 18.71 ft (5.70 m) below TOC
 Water elevation: 151.79 ft (46.27 m) msl
 Sp. conductance: 421 μ S/cm
 Water evacuated before sampling: 249 gal

Time: 14:51
 pH: 7.0
 Alkalinity: 218 mg/L
 Water temperature: 19.1°C
 Volumes purged: 31.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	6.2	J	pH	0	WA
•		Specific conductance	281	J	μ S/cm	1	WA
		Acetone	<10		μ g/L	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	16		μ g/L	0	WA
		Barium	8.2		μ g/L	0	WA
		Benzene	3.8	J	μ g/L	1	WA
		Benzene	3.9	J	μ g/L	1	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	6,840	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	22,300		μ g/L	0	WA
		Chlorobenzene	39		μ g/L	2	WA
		Chlorobenzene	41		μ g/L	2	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
■		Chloroethene (Vinyl chloride)	115		μ g/L	2	WA
■		Chloroethene (Vinyl chloride)	117		μ g/L	2	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA

• = exceeded holding time ■ = exceeded final primary drinking water standard.

WELL LFW 8 collected on 01/16/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	9.0	J	µg/L	1	WA
		Dichlorodifluoromethane	2.0	J	µg/L	0	WA
		1,1-Dichloroethane	33		µg/L	2	WA
		1,1-Dichloroethane	34		µg/L	2	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 2.2		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	5.6		µg/L	0	WA
		Ethylbenzene	5.9		µg/L	0	WA
		Fluoride	145		µg/L	0	WA
		Fluoride	146		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	66,700		µg/L	2	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	10,900	V	µg/L	0	WA
		Manganese	21		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL 1.FW 8 collected on 01/16/93 laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	< 20		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	1,970		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	8,400		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	21,400		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
●		Total dissolved solids	127,000	J	µg/L	0	WA
		Total organic carbon	7,040		µg/L	1	WA
		Total organic halogens	278		µg/L	2	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		2,4,5-TP (Silvex)	< 1.1		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	9.0		µg/L	0	WA
		Xylenes	10		µg/L	0	WA
■		Gross alpha	1.6E+01 ± 3.0E+00		pCi/L	2	TM
		Gross alpha	1.4E+01 ± 2.8E+00		pCi/L	1	TM
		Nonvolatile beta	2.9E+01 ± 3.3E+00		pCi/L	1	TM
		Nonvolatile beta	2.8E+01 ± 3.2E+00		pCi/L	1	TM
		Radium-226	3.3E+00 ± 7.3E-01		pCi/L	0	TM
		Radium-226	4.0E+00 ± 8.1E-01		pCi/L	0	TM
		Radium-228	7.0E+00 ± 1.9E+00		pCi/L	1	TM
		Tritium	9.0E+00 ± 4.1E+00		nCi/mL	0	TM
		Tritium	8.6E+00 ± 3.9E+00		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 8

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84032.6 E45415.3	33.285720 °N 81.710445 °W	159.2-139.9 ft msl	170.5 ft msl	4" Steel	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 18.85 ft (5.75 m) below TOC
 Water elevation: 151.65 ft (46.22 m) msl
 Sp. conductance: 410 μ S/cm
 Water evacuated before sampling: 138 gal

Time: 13:44
 pH: 6.7
 Alkalinity: 138 mg/L
 Water temperature: 18.3°C
 Volumes purged: 17.9 well volumes

WELL LFW 10A

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84369.6 E45935.6	33.287315 °N 81.709731 °W	159.2-129.2 ft msl	175.5 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/05/93
 Depth to water: 22.24 ft (6.78 m) below TOC
 Water elevation: 153.26 ft (46.71 m) msl
 Sp. conductance: 618 μ S/cm
 Water evacuated before sampling: 951 gal

Time: 13:25
 pH: 6.1
 Alkalinity: 231 mg/L
 Water temperature: 20.4°C
 Volumes purged: 60.3 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
●		pH	6.2	J	pH	0	WA
●		pH	6.2	J	pH	0	WA
●		Specific conductance	530	J	μ S/cm	2	WA
●		Specific conductance	528	J	μ S/cm	2	WA
		Acetone	1,010	L	μ g/L	2	WA
		Acetone	2,600		μ g/L	2	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	24	J3	μ g/L	0	WA
		Arsenic	8.7		μ g/L	0	WA
		Barium	8.3		μ g/L	0	WA
■		Benzene	11		μ g/L	2	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	14,700	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA

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WELL LFW 10A collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	34,000		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	53		µg/L	2	WA
		1,1-Dichloroethane	223	L	µg/L	2	WA
		1,1-Dichloroethane	220		µg/L	2	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	527	L	µg/L	0	WA
		Dichloromethane (Methylene chloride)	580		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	43		µg/L	0	WA
		Fluoride	194		µg/L	0	WA
		Fluoride	210		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	91,200		µg/L	2	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.053		µg/L	0	WA
		Magnesium	17,700	V	µg/L	0	WA
		Manganese	12		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.53		µg/L	0	WA
		Methyl ethyl ketone	910	L	µg/L	0	WA
		Methyl ethyl ketone	890		µg/L	0	WA
		4-Methyl-2-pentanone	430	L	µg/L	0	WA
		4-Methyl-2-pentanone	375		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	<20		µg/L	0	WA
		Phenols	160		µg/L	2	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	7,630	V	µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	30,300	V	µg/L	0	WA

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WELL LFW 10A collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
	■	Tetrachloroethylene	22		µg/L	2	WA
		Toluene	117		µg/L	0	WA
●		Total dissolved solids	360,000	JV	µg/L	0	WA
●		Total dissolved solids	342,000	JV	µg/L	0	WA
		Total organic carbon	194,000		µg/L	2	WA
		Total organic halogens	266		µg/L	2	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.53		µg/L	0	WA
		1,1,1-Trichloroethane	14		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
	■	Trichloroethylene	51		µg/L	2	WA
		Trichlorofluoromethane	27		µg/L	2	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	129		µg/L	0	WA
		Gross alpha	4.2E+00 ± 3.0E+00		pCi/L	0	TM
		Gross alpha	8.3E+00 ± 3.6E+00		pCi/L	1	TM
		Nonvolatile beta	1.0E+01 ± 4.0E+00		pCi/L	0	TM
		Nonvolatile beta	1.1E+01 ± 4.0E+00		pCi/L	0	TM
		Radium-226	9.3E-01 ± 4.0E-01		pCi/L	0	TM
		Radium-226	1.2E+00 ± 5.1E-01		pCi/L	0	TM
		Radium-228	2.5E+00 ± 1.0E+00		pCi/L	1	TM
		Radium-228	4.0E+00 ± 1.2E+00		pCi/L	1	TM
	■	Tritium	1.8E+02 ± 2.0E+01		pCi/mL	2	TM
	■	Tritium	1.7E+02 ± 2.0E+01		pCi/mL	2	TM

WELL LFW 10A

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84369.6	33.287315 °N	159.2-129.2 ft msl	175.5 ft msl	4" PVC	S	Steel Pond
E45935.6	81.709731 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 20.63 ft (6.29 m) below TOC
 Water elevation: 154.87 ft (47.20 m) msl
 Sp. conductance: 663 µS/cm
 Water evacuated before sampling: 294 gal

Time: 15:48
 pH: 6.2
 Alkalinity: 187 mg/L
 Water temperature: 19.3°C
 Volumes purged: 17.5 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 16

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84748.9	33.288018 °N	161.2-131.2 ft msl	178.8 ft msl	4" PVC	S	Steel Pond
E45852.6	81.710687 °W					

FIELD MEASUREMENTS

Sample date: 01/04/93
 Depth to water: 22.55 ft (6.87 m) below TOC
 Water elevation: 156.25 ft (47.63 m) msl
 Sp. conductance: 31 μ S/cm
 Water evacuated before sampling: 204 gal

Time: 15:57
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 20.9°C
 Volumes purged: 12.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.4	J	pH	0	WA
•		pH	4.5	J	pH	0	WA
•		Specific conductance	31	J	μ S/cm	0	WA
•		Specific conductance	31	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	26	J3	μ g/L	1	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	7.9		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	971		μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	2,830		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	16		μ g/L	2	WA
		1,1-Dichloroethane	26		μ g/L	2	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 16 collected on 01/04/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	16	V	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 2.2		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	58		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	5.6	J3	µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	1,350	V	µg/L	0	WA
		Manganese	< 2.0		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	146		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	615	J3	µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	9,440		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,490		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	4.0	J	µg/L	1	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	44,000		µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	67		µg/L	2	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		2,4,5-TP (Silvex)	< 1.1		µg/L	0	WA
		1,1,1-Trichloroethane	3.0	J	µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
■		Trichloroethylene	7.5		µg/L	2	WA
		Trichlorofluoromethane	5.9		µg/L	1	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	2.5	J	µg/L	0	WA
		Gross alpha	3.6E+00 ± 1.3E+00		pCi/L	0	TM
		Gross alpha	2.7E+00 ± 1.2E+00		pCi/L	0	TM
		Nonvolatile beta	4.9E+00 ± 1.9E+00		pCi/L	0	TM

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WELL LFW 16 collected on 01/04/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Nonvolatile beta	3.9E+00 ± 1.8E+00		pCi/L	0	TM
		Radium-226	1.1E+00 ± 4.6E-01		pCi/L	0	TM
		Radium-226	1.3E+00 ± 5.4E-01		pCi/L	0	TM
		Radium-228	3.7E+00 ± 1.1E+00		pCi/L	1	TM
		Radium-228	4.2E+00 ± 1.1E+00		pCi/L	1	TM
		Tritium	1.3E-01 ± 3.0E-02		pCi/mL	0	TM
		Tritium	1.4E-01 ± 3.0E-02		pCi/mL	0	TM

WELL LFW 16

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N64748.9	33.288018 °N	161.2-131.2 ft msl	178.8 ft msl	4" PVC	S	Steel Pond
E45852.6	81.710687 °W					

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 20.91 ft (6.37 m) below TOC
 Water elevation: 157.85 ft (48.13 m) msl
 Sp. conductance: 36 µS/cm
 Water evacuated before sampling: 198 gal

Time: 17:38
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.6°C
 Volumes purged: 11.3 well volumes

WELL LFW 17

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84602.8	33.287295 °N	158.5-128.5 ft msl	177.8 ft msl	4" PVC	S	Steel Pond
E45607.3	81.711048 °W					

FIELD MEASUREMENTS

Sample date: 01/05/93
 Depth to water: 22.34 ft (6.81 m) below TOC
 Water elevation: 155.46 ft (47.38 m) msl
 Sp. conductance: 351 µS/cm
 Water evacuated before sampling: 131 gal

Time: 10:56
 pH: 6.3
 Alkalinity: 122 mg/L
 Water temperature: 19.9°C
 Volumes purged: 7.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	6.0	J	pH	0	WA
•		Specific conductance	333	J	µS/cm	1	WA
		Acetone	< 10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	< 20		µg/L	0	WA
		Acrolein	< 10		µg/L	0	WA
		Acrylonitrile	< 10		µg/L	0	WA
		Allyl chloride	< 100		µg/L	0	WA
		Aluminum	< 20		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 17 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Arsenic	12		µg/L	0	WA
		Barium	5.0	J3	µg/L	0	WA
		Benzene	3.9	J	µg/L	1	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	5,490	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	37,000		µg/L	0	WA
		Chlorobenzene	88		µg/L	2	WA
		Chloroethane	4.3	J	µg/L	0	WA
		Chloroethene (Vinyl chloride)	1.7	J	µg/L	1	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	<10		µg/L	0	WA
		1,1-Dichloroethane	29		µg/L	2	WA
	■	1,2-Dichloroethane	5.1		µg/L	2	WA
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	5.7		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.2		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	18		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	21,800		µg/L	2	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	11,000	V	µg/L	0	WA
		Manganese	9.4		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	85		µg/L	0	WA
		Phenols	10.0		µg/L	0	WA
		Potassium	828	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 17 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Selenium	<2.0		µg/L	0	WA
		Silica	6,280		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	34,500	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	2,110		µg/L	0	WA
		Sulfate	2,080		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	46,000	V	µg/L	0	WA
		Total organic carbon	5,510		µg/L	1	WA
		Total organic halogens	205		µg/L	2	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54		µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	42		µg/L	0	WA
		Gross alpha	2.4E+00 ± 1.6E+00		pCi/L	0	TM
		Nonvolatile beta	6.8E+00 ± 2.2E+00		pCi/L	0	TM
		Radium-226	1.2E+00 ± 4.4E-01		pCi/L	0	TM
		Radium-228	1.6E+00 ± 9.0E-01		pCi/L	1	TM
		Tritium	6.9E+00 ± 7.9E-01		pCi/mL	0	TM

WELL LFW 17

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84602.8	33.287295 °N	158.5-128.5 ft msl	177.8 ft msl	4" PVC	S	Steel Pond
E45607.3	81.711048 °W					

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 20.78 ft (6.33 m) below TOC
 Water elevation: 157.02 ft (47.86 m) msl
 Sp. conductance: 356 µS/cm
 Water evacuated before sampling: 170 gal

Time: 16:20
 pH: 6.4
 Alkalinity: 122 mg/L
 Water temperature: 19.4°C
 Volumes purged: 9.1 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 18

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84577.3 E45459.4	33.286997 °N 81.711388 °W	160.1-130.1 ft msl	175 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/04/93
 Depth to water: 19.63 ft (5.98 m) below TOC
 Water elevation: 155.37 ft (47.36 m) msl
 Sp. conductance: 226 μ S/cm
 Water evacuated before sampling: 116 gal

Time: 14:47
 pH: 6.3
 Alkalinity: 112 mg/L
 Water temperature: 19.9°C
 Volumes purged: 7.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.9	J	pH	0	WA
•		Specific conductance	179	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	26		μ g/L	1	WA
		Barium	5.8		μ g/L	0	WA
		Benzene	1.0	J	μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	4,630		μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	10,000		μ g/L	0	WA
		Chlorobenzene	2.8	J	μ g/L	0	WA
		Chloroethane	6.0	J	μ g/L	1	WA
		Chloroethene (Vinyl chloride)	1.6	J	μ g/L	1	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	13		μ g/L	2	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 18 collected on 01/04/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Endrin	< 0.22		µg/L	0	WA
		Ethylbenzene	15		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	39,500		µg/L	2	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Lindane	< 0.11		µg/L	0	WA
		Magnesium	5,240	V	µg/L	0	WA
		Manganese	9.0		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methoxychlor	< 1.1		µg/L	0	WA
		Methoxychlor	< 1.1		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	< 20		µg/L	0	WA
		Phenols	7.8		µg/L	0	WA
		Potassium	1,600		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	6,730		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	8,690		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	70,000		µg/L	0	WA
		Total organic carbon	3,510		µg/L	0	WA
		Total organic halogens	122		µg/L	2	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		Toxaphene	< 2.2		µg/L	0	WA
		Toxaphene	< 2.2		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	29		µg/L	0	WA
		Gross alpha	5.6E + 00 ± 1.9E + 00		pCi/L	0	TM

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WELL LFW 18 collected on 01/04/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Nonvolatile beta	8.2E+00 ± 2.3E+00		pCi/L	0	TM
		Radium-226	1.6E+00 ± 5.5E-01		pCi/L	0	TM
		Radium-228	4.9E+00 ± 1.2E+00		pCi/L	1	TM
		Tritium	3.7E+00 ± 9.3E-01		pCi/mL	0	TM

WELL LFW 18

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84577.3 E45459.4	33.286997 °N 81.711388 °W	160.1-130.1 ft msl	175 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 18.35 ft (5.59 m) below TOC
 Water elevation: 156.65 ft (47.75 m) msl
 Sp. conductance: 292 µS/cm
 Water evacuated before sampling: 148 gal

Time: 16:48
 pH: 6.4
 Alkalinity: 132 mg/L
 Water temperature: 18.5°C
 Volumes purged: 8.5 well volumes

WELL LFW 19

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84817.2 E45135.4	33.286998 °N 81.712707 °W	160.0-130.0 ft msl	176.7 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/04/93
 Depth to water: 20.05 ft (6.11 m) below TOC
 Water elevation: 156.65 ft (47.75 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 178 gal

Time: 15:18
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 19.5°C
 Volumes purged: 10.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.9	J	pH	0	WA
•		Specific conductance	21	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	<20		µg/L	0	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	<4.0		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 19 collected on 01/04/93, laboratory analyses (cont.)

H	R	Analyte	Result	Mod	Unit	Flag	Lab
		Bromodichloromethane	< 5.0		µg/L	0	WA
		Bromoform	< 5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA
		Cadmium	< 2.0		µg/L	0	WA
		Calcium	450		µg/L	0	WA
		Carbon disulfide	< 5.0		µg/L	0	WA
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Chloride	2,390		µg/L	0	WA
		Chloride	2,400		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA
		Chloroethane	< 10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	118		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	4.8	J3	µg/L	0	WA
		Lindane	< 0.056		µg/L	0	WA
		Magnesium	531	V	µg/L	0	WA
		Manganese	2.0		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.56		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	43		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	6,180		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 19 collected on 01/04/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Sodium	1,550		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	23,000		µg/L	0	WA
		Total organic carbon	1,140		µg/L	0	WA
		Total organic carbon	1,140		µg/L	0	WA
		Total organic halogens	< 5.0		µg/L	0	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.56		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	5.4E+00 ± 1.5E+00		pCi/L	0	TM
		Nonvolatile beta	9.1E+00 ± 2.1E+00		pCi/L	0	TM
		Radium-226	1.4E+00 ± 5.0E-01		pCi/L	0	TM
		Radium-228	6.2E+00 ± 1.3E+00		pCi/L	1	TM
		Tritium	3.2E+00 ± 7.3E-01		pCi/mL	0	TM

WELL LFW 19

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84817.2 E45135.4	33.286998 °N 81.712707 °W	160.0-130.0 ft msl	176.7 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 18.79 ft (5.73 m) below TOC
 Water elevation: 157.91 ft (48.13 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 155 gal

Time: 12:40
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C
 Volumes purged: 8.5 well volumes

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 20

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N85262.6	33.288714 °N	165.0-135.0 ft msl	180.5 ft msl	4" PVC		Steel Pond
E45582.9	81.712395 °W					

FIELD MEASUREMENTS

Sample date: 01/03/93
 Depth to water: 20.96 ft (6.39 m) below TOC
 Water elevation: 159.54 ft (48.63 m) msl
 No water evacuated before sampling.
 Inaccessibility or pump failure prevented sample collection.

Time: 17:20

WELL LFW 20

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N85262.6	33.288714 °N	165.0-135.0 ft msl	180.5 ft msl	4" PVC		Steel Pond
E45582.9	81.712395 °W					

FIELD MEASUREMENTS

Sample date: 01/30/93
 Depth to water: 19.55 ft (5.96 m) below TOC
 Water elevation: 160.95 ft (49.06 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 242 gal

Time: 14:45
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.0°C
 Volumes purged: 14.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.4	J	pH	0	WA
•		pH	4.4	J	pH	0	WA
•		Specific conductance	22	J	µS/cm	0	WA
•		Specific conductance	22	J	µS/cm	0	WA
		Acetone	< 10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	< 20		µg/L	0	WA
		Acrolein	< 10		µg/L	0	WA
		Acrylonitrile	< 10		µg/L	0	WA
		Allyl chloride	< 100		µg/L	0	WA
		Aluminum	21	J3	µg/L	0	WA
		Arsenic	< 2.0		µg/L	0	WA
		Barium	7.0		µg/L	0	WA
		Benzene	< 5.0		µg/L	0	WA
		Bromodichloromethane	< 5.0		µg/L	0	WA
		Bromoform	< 5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA
		Cadmium	< 2.0		µg/L	0	WA
		Calcium	316	V	µg/L	0	WA
		Carbon disulfide	< 5.0		µg/L	0	WA
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Chloride	2,960		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 20 collected on 01/30/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	7.6		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	<10		µg/L	0	WA
		1,1-Dichloroethane	<5.0		µg/L	0	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	44		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	3.2	J3	µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	506		µg/L	0	WA
		Manganese	<2.0		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	564		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	6,800		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,940	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	9,000		µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 20 collected on 01/30/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	7.1E+00 ± 2.0E+00		pCi/L	0	TM
		Gross alpha	7.1E+00 ± 2.0E+00		pCi/L	0	TM
		Nonvolatile beta	7.4E+00 ± 2.2E+00		pCi/L	0	TM
		Nonvolatile beta	8.1E+00 ± 2.3E+00		pCi/L	0	TM
		Radium-226	9.6E-01 ± 3.7E-01		pCi/L	0	TM
		Radium-226	8.4E-01 ± 3.6E-01		pCi/L	0	TM
		Radium-228	4.5E+00 ± 9.0E-01		pCi/L	1	TM
		Radium-228	2.9E+00 ± 9.0E-01		pCi/L	1	TM
		Tritium	1.8E+00 ± 9.2E-01		pCi/mL	0	TM
		Tritium	1.9E+00 ± 1.1E+00		pCi/mL	0	TM

WELL LFW 20

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N85262.6	33.288714 °N	165.0-135.0 ft msl	180.5 ft msl	4" PVC		Steel Pond
E45582.9	81.712395 °W					

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 19.18 ft (5.85 m) below TOC
 Water elevation: 161.32 ft (49.17 m) msl
 Sp. conductance: 27 µS/cm
 Water evacuated before sampling: 165 gal

Time: 13:08
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.8°C
 Volumes purged: 9.6 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 21

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84178.3	33.287241 °N	158.9-128.9 ft msl	175.6 ft msl	4" PVC	S	Steel Pond
E46149.4	81.708796 °W					

FIELD MEASUREMENTS

Sample date: 01/05/93
 Depth to water: 24.41 ft (7.44 m) below TOC
 Water elevation: 151.19 ft (46.08 m) msl
 Sp. conductance: 1277 μ S/cm
 Water evacuated before sampling: 494 gal

Time: 12:14
 pH: 6.7
 Alkalinity: 446 mg/L
 Water temperature: 20.2°C
 Volumes purged: 33.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.9	J	pH	0	WA
•		Specific conductance	1,150	J	μ S/cm	2	WA
		Acetone	3,530	LV	μ g/L	2	WA
		Acetone	2,400		μ g/L	2	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	24	J3	μ g/L	0	WA
		Arsenic	24		μ g/L	0	WA
		Barium	13		μ g/L	0	WA
■		Benzene	15		μ g/L	2	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	63,800	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	51,500		μ g/L	0	WA
		Chlorobenzene	3.2	J	μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
■		Chloroethene (Vinyl chloride)	4.0	J	μ g/L	2	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<40		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	11		μ g/L	2	WA
		1,1-Dichloroethane	252	L	μ g/L	2	WA
		1,1-Dichloroethane	270		μ g/L	2	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	4.9	J	μ g/L	1	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 21 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	<5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
■		1,2-Dichloropropane	5.0		µg/L	2	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Endrin	<0.22		µg/L	0	WA
		Ethylbenzene	99		µg/L	0	WA
		Fluoride	204		µg/L	0	WA
		Fluoride	211		µg/L	0	WA
		2-Hexanone	7.4	J	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	241,000		µg/L	2	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.056		µg/L	0	WA
		Lindane	<0.11		µg/L	0	WA
		Magnesium	35,300	V	µg/L	0	WA
		Manganese	215		µg/L	2	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.56		µg/L	0	WA
		Methoxychlor	<1.1		µg/L	0	WA
		Methoxychlor	<1.1		µg/L	0	WA
		Methyl ethyl ketone	4,900	L	µg/L	0	WA
		Methyl ethyl ketone	3,000		µg/L	0	WA
		4-Methyl-2-pentanone	1,590	L	µg/L	0	WA
		4-Methyl-2-pentanone	1,300		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	<20		µg/L	0	WA
		Phenols	640		µg/L	2	WA
		Potassium	<5,000		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	7,780	V	µg/L	0	WA
		Silver	<20		µg/L	0	WA
		Sodium	58,700	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	2.7	J	µg/L	1	WA
		Toluene	368	L	µg/L	0	WA
		Toluene	360		µg/L	0	WA
		Total dissolved solids	689,000	V	µg/L	0	WA
		Total organic carbon	295,000		µg/L	2	WA
		Total organic halogens	2,100		µg/L	2	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		Toxaphene	<2.2		µg/L	0	WA
		Toxaphene	<2.2		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	2.2	J	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
■		Trichloroethylene	16		µg/L	2	WA
		Trichlorofluoromethane	9.5		µg/L	1	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 21 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 30		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	367		µg/L	0	WA
		Gross alpha	1.4E+01 ± 7.0E+00		pCi/L	1	TM
		Nonvolatile beta	1.8E+01 ± 7.8E+00		pCi/L	0	TM
		Radium-226	1.5E+00 ± 5.5E-01		pCi/L	0	TM
		Radium-228	4.2E+00 ± 1.4E+00		pCi/L	1	TM
		Tritium	1.7E+01 ± 2.0E+00		pCi/mL	1	TM

WELL LFW 21

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84178.3	33.287241 °N	158.9-128.9 ft msl	175.6 ft msl	4" PVC	S	Steel Pond
E46149.4	81.708796 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 24.00 ft (7.32 m) below TOC
 Water elevation: 151.60 ft (46.21 m) msl
 Sp. conductance: 1035 µS/cm
 Water evacuated before sampling: 920 gal

Time: 18:01
 pH: 6.7
 Alkalinity: 325 mg/L
 Water temperature: 18.5°C
 Volumes purged: 61.8 well volumes

WELL LFW 22

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84223.6	33.287628 °N	152.4-122.4 ft msl	174.2 ft msl	4" PVC	S	Steel Pond
E46325.2	81.708421 °W					

FIELD MEASUREMENTS

Sample date: 01/04/93
 Depth to water: 21.87 ft (6.67 m) below TOC
 Water elevation: 152.33 ft (46.43 m) msl
 Sp. conductance: 661 µS/cm
 Water evacuated before sampling: 108 gal

Time: 13:22
 pH: 6.5
 Alkalinity: 277 mg/L
 Water temperature: 19.9°C
 Volumes purged: 5.5 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.7	J	pH	0	WA
•		Specific conductance	501	J	µS/cm	2	WA
		Acetone	975	L	µg/L	2	WA
		Acetone	750		µg/L	2	WA
		Acetonitrile (Methyl cyanide)	< 20		µg/L	0	WA
		Acrolein	< 10		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 22 collected on 01/04/93, laboratory analyses (cont.)

H	R	Analyte	Result	Mod	Unit	Flag	Lab
		Acrylonitrile	< 10		µg/L	0	WA
		Allyl chloride	< 100		µg/L	0	WA
		Aluminum	< 20		µg/L	0	WA
		Arsenic	14		µg/L	0	WA
		Barium	8.8		µg/L	0	WA
		Benzene	2.5	J	µg/L	1	WA
		Bromodichloromethane	< 5.0		µg/L	0	WA
		Bromoform	< 5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA
		Cadmium	< 2.0		µg/L	0	WA
		Calcium	12,800		µg/L	0	WA
		Carbon disulfide	< 5.0		µg/L	0	WA
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Chloride	25,300		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA
		Chloroethane	3.8	J	µg/L	0	WA
		Chloroethene (Vinyl chloride)	1.9	J	µg/L	1	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	28		µg/L	2	WA
		1,1-Dichloroethane	88		µg/L	2	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	3.5	J	µg/L	1	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	287	L	µg/L	0	WA
		Dichloromethane (Methylene chloride)	420		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	1.4		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	130		µg/L	0	WA
		Fluoride	144		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	186,000		µg/L	2	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	8.0	J3	µg/L	1	WA
		Lindane	< 0.054		µg/L	0	WA
		Magnesium	13,300	V	µg/L	0	WA
		Manganese	68		µg/L	2	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.54		µg/L	0	WA
		Methyl ethyl ketone	1,790	L	µg/L	0	WA
		Methyl ethyl ketone	1,200		µg/L	0	WA
		4-Methyl-2-pentanone	2,590	L	µg/L	0	WA
		4-Methyl-2-pentanone	2,300		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 22 collected on 01/04/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	<20		µg/L	0	WA
		Phenols	152		µg/L	2	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	9,060		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	19,700		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	3.0	J	µg/L	1	WA
		Toluene	105		µg/L	0	WA
		Total dissolved solids	330,000		µg/L	0	WA
		Total organic carbon	107,000		µg/L	2	WA
		Total organic halogens	918		µg/L	2	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	2.8	J	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
■		Trichloroethylene	20		µg/L	2	WA
		Trichlorofluoromethane	71		µg/L	2	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	369	L	µg/L	0	WA
		Xylenes	384		µg/L	0	WA
		Gross alpha	3.0E+00 ± 1.6E+00		pCi/L	0	TM
		Nonvolatile beta	3.7E+00 ± 2.1E+00		pCi/L	0	TM
		Radium-226	1.3E+00 ± 4.8E-01		pCi/L	0	TM
		Radium-228	1.7E+00 ± 9.0E-01		pCi/L	1	TM
		Tritium	4.3E+00 ± 9.3E-01		pCi/mL	0	TM

WELL LFW 22

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84223.6	33.287628 °N	152.4-122.4 ft msl	174.2 ft msl	4" PVC	S	Steel Pond
E46325.2	81.708421 °W					

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 20.45 ft (6.23 m) below TOC
 Water elevation: 153.75 ft (46.86 m) msl
 Sp. conductance: 399 µS/cm
 Water evacuated before sampling: 104 gal

Time: 12:07
 pH: 6.5
 Alkalinity: 174 mg/L
 Water temperature: 18.7°C
 Volumes purged: 5.1 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 23

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84251.3	33.287903 °N	155.1-125.1 ft msl	171.8 ft msl	4" PVC	S	Steel Pond
E46456.1	81.708131 °W					

FIELD MEASUREMENTS

Sample date: 01/04/93
 Depth to water: 19.91 ft (6.07 m) below TOC
 Water elevation: 151.89 ft (46.30 m) msl
 Sp. conductance: 27 μ S/cm
 Water evacuated before sampling: 171 gal

Time: 13:52
 pH: 4.6
 Alkalinity: 0 mg/L
 Water temperature: 19.9°C
 Volumes purged: 9.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.8	J	pH	0	WA
•		Specific conductance	27	J	μ S/cm	0	WA
		Acetone	< 10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	< 20		μ g/L	0	WA
		Acrolein	< 10		μ g/L	0	WA
		Acrylonitrile	< 10		μ g/L	0	WA
		Allyl chloride	< 100		μ g/L	0	WA
		Aluminum	29	J3	μ g/L	1	WA
		Arsenic	< 2.0		μ g/L	0	WA
		Barium	4.7	J3	μ g/L	0	WA
		Benzene	< 5.0		μ g/L	0	WA
		Bromodichloromethane	< 5.0		μ g/L	0	WA
		Bromoform	< 5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	< 10		μ g/L	0	WA
		Cadmium	< 2.0		μ g/L	0	WA
		Calcium	421		μ g/L	0	WA
		Carbon disulfide	< 5.0		μ g/L	0	WA
		Carbon tetrachloride	< 5.0		μ g/L	0	WA
		Chloride	1,730		μ g/L	0	WA
		Chlorobenzene	< 5.0		μ g/L	0	WA
		Chloroethane	2.7	J	μ g/L	0	WA
		Chloroethene (Vinyl chloride)	< 10		μ g/L	0	WA
		Chloroform	< 5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	< 10		μ g/L	0	WA
		Chloroprene	< 20		μ g/L	0	WA
		Chromium	< 4.0		μ g/L	0	WA
		Copper	4.3	J3	μ g/L	0	WA
		Dibromochloromethane	< 5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		μ g/L	0	WA
		1,2-Dibromoethane	< 20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		μ g/L	0	WA
		Dichlorodifluoromethane	1.7	J	μ g/L	0	WA
		1,1-Dichloroethane	10		μ g/L	2	WA
		1,2-Dichloroethane	< 5.0		μ g/L	0	WA
		1,1-Dichloroethylene	< 5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 23 collected on 01/04/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	30		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	9.2	J3	µg/L	1	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	681	V	µg/L	0	WA
		Manganese	<2.0		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	558		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	516	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	6,820		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,990		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	31,000		µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	24		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	3.9	J	µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	3.5E+00 ± 1.3E+00		pCi/L	0	TM
		Nonvolatile beta	4.8E+00 ± 1.9E+00		pCi/L	0	TM
		Radium-226	1.2E+00 ± 4.6E-01		pCi/L	0	TM
		Radium-228	1.9E+00 ± 1.0E+00		pCi/L	1	TM
		Tritium	2.7E+00 ± 5.8E-01		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 23

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84251.3	33.287903 °N	155.1-125.1 ft msl	171.8 ft msl	4" PVC	S	Steel Pond
E46456.1	81.708131 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93	Time: 17:59
Depth to water: 17.55 ft (5.35 m) below TOC	pH: 4.7
Water elevation: 154.25 ft (47.02 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 32 µS/cm	Water temperature: 18.4°C
Water evacuated before sampling: 148 gal	Volumes purged: 7.7 well volumes

WELL LFW 24

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84544.2	33.288656 °N	154.5-124.5 ft msl	171.3 ft msl	4" PVC	S	Steel Pond
E46520.8	81.708530 °W					

FIELD MEASUREMENTS

Sample date: 01/04/93	Time: 14:19
Depth to water: 16.69 ft (5.09 m) below TOC	pH: 4.7
Water elevation: 154.61 ft (47.13 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 17 µS/cm	Water temperature: 19.2°C
Water evacuated before sampling: 84 gal	Volumes purged: 4.3 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	4.8	J	pH	0	WA
•		Specific conductance	17	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	<20		µg/L	0	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	<4.0		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	240		µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	1,880		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 24 collected on 01/04/93, laboratory analyses (cont.)

H	R	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	6.8		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	54		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	4.3	J3	µg/L	0	WA
		Lindane	< 0.056		µg/L	0	WA
		Magnesium	395	V	µg/L	0	WA
		Manganese	< 2.0		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.56		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	431		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	5,640		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,180		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	15,000		µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	8.7		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 24 collected on 01/04/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	3.1E+00 ± 1.2E+00		pCi/L	0	TM
		Nonvolatile beta	4.1E+00 ± 1.8E+00		pCi/L	0	TM
		Radium-226	7.6E-01 ± 3.7E-01		pCi/L	0	TM
		Radium-228	2.4E+00 ± 1.0E+00		pCi/L	1	TM
		Tritium	3.8E+00 ± 9.1E-01		pCi/mL	0	TM

WELL LFW 24

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84544.2 E46520.8	33.288656 °N 81.708530 °W	154.5-124.5 ft msl	171.3 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 14.13 ft (4.31 m) below TOC
 Water elevation: 157.17 ft (47.91 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 106 gal

Time: 17:31
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 16.5°C
 Volumes purged: 4.9 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 25

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84967.2	33.289436 °N	153.2-123.2 ft msl	174.7 ft msl	4" PVC	S	Steel Pond
E46425.7	81.709602 °W					

FIELD MEASUREMENTS

Sample date: 01/03/93
 Depth to water: 17.61 ft (5.37 m) below TOC
 Water elevation: 157.09 ft (47.88 m) msl
 Sp. conductance: 15 μ S/cm
 Water evacuated before sampling: 106 gal

Time: 15:45
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C
 Volumes purged: 4.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.9	J	pH	0	WA
•		pH	4.9	J	pH	0	WA
•		Specific conductance	17	J	μ S/cm	0	WA
•		Specific conductance	17	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	236		μ g/L	C	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	1,730		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	5.2	J3	μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 25 collected on 01/03/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	15	J3	µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	389		µg/L	0	WA
		Manganese	< 2.0		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	15		µg/L	0	WA
		Nitrate as nitrogen	69		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	4,810		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,050	V	µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	25,000		µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	< 10		µg/L	0	WA
		Total organic halogens	< 10		µg/L	0	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	6.3E+00 ± 1.8E+00		pCi/L	0	TM
		Nonvolatile beta	1.1E+01 ± 2.2E+00		pCi/L	0	TM
		Radium-226	1.0E+00 ± 4.2E-01		pCi/L	0	TM
		Radium-228	6.1E+00 ± 1.2E+00		pCi/L	1	TM
		Tritium	2.4E+00 ± 9.5E-01		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 25

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84967.2 E46425.7	33.289436 °N 81.709602 °W	153.2-123.2 ft msl	174.7 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 15.21 ft (4.64 m) below TOC
 Water elevation: 159.49 ft (48.61 m) msl
 Sp. conductance: 18 µS/cm
 Water evacuated before sampling: 150 gal

Time: 10:42
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 18.4°C
 Volumes purged: 6.3 well volumes

WELL LFW 26

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N85654.6 E45633.8	33.289663 °N 81.713023 °W	164.2-143.2 ft msl	186.5 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/03/93
 Depth to water: 24.39 ft (7.43 m) below TOC
 Water elevation: 162.11 ft (49.41 m) msl
 Sp. conductance: 12 µS/cm
 Water evacuated before sampling: 202 gal

Time: 16:14
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.8°C
 Volumes purged: 16.3 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.0	J	pH	0	WA
•		Specific conductance	13	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	<20		µg/L	0	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	<4.0		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	167		µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	1,640		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 26 collected on 01/03/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	<10		µg/L	0	WA
		1,1-Dichloroethane	<5.0		µg/L	0	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	<4.0		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	241		µg/L	0	WA
		Manganese	<2.0		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	<20		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	3,800		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,040	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	11,000		µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 26 collected on 01/03/93, laboratory analyses (cont.)

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
		Total organic halogens	< 5.0		µg/L	0	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	1.7E+00 ± 1.0E+00		pCi/L	0	TM
		Nonvolatile beta	2.7E+00 ± 1.7E+00		pCi/L	0	TM
		Radium-226	4.4E-01 ± 2.8E-01		pCi/L	0	TM
		Radium-228	< 2.0E-01		pCi/L	0	TM
		Tritium	1.7E+00 ± 6.7E-01		pCi/mL	0	TM

WELL LFW 26

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N85654.6	33.289663 °N	164.2-143.2 ft msl	186.5 ft msl	4" PVC	S	Steel Pond
E45633.8	81.713023 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 22.85 ft (6.96 m) below TOC
 Water elevation: 163.65 ft (49.88 m) msl
 Sp. conductance: 15 µS/cm
 Water evacuated before sampling: 192 gal

Time: 16:48
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.1°C
 Volumes purged: 14.3 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 27

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N85839.1	33.290010 °N	163.9-142.9 ft msl	189.2 ft msl	4" PVC	S	Steel Pond
E45596.1	81.713481 °W					

FIELD MEASUREMENTS

Sample date: 01/03/93
 Depth to water: 26.32 ft (8.02 m) below TOC
 Water elevation: 162.88 ft (49.65 m) msl
 Sp. conductance: 15 μ S/cm
 Water evacuated before sampling: 72 gal

Time: 16:36
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.6°C
 Volumes purged: 5.5 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.0	J	pH	0	WA
•		Specific conductance	16	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	261		μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	1,720		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	10		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 27 collected on 01/03/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	<4.0		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.054		µg/L	0	WA
		Magnesium	294		µg/L	0	WA
		Manganese	2.9		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.54		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	<20		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	5,110		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,370	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	8,000		µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	6.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	3.3	J3	µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	8.0E-01 ± 9.0E-01		pCi/L	0	TM
		Nonvolatile beta	1.3E+00 ± 1.6E+00		pCi/L	0	TM
		Radium-226	4.6E-01 ± 2.9E-01		pCi/L	0	TM
		Radium-228	1.0E+00 ± 8.0E-01		pCi/L	1	TM
		Tritium	1.4E+00 ± 5.4E-01		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 27

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N85839.1	33.290010 °N	163.9-142.9 ft msl	189.2 ft msl	4" PVC	S	Steel Pond
E45596.1	81.713481 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93	Time: 16:23
Depth to water: 24.68 ft (7.52 m) below TOC	pH: 5.0
Water elevation: 164.52 ft (50.15 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 19 µS/cm	Water temperature: 19.5°C
Water evacuated before sampling: 91 gal	Volumes purged: 6.4 well volumes

WELL LFW 28

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N86079.6	33.290475 °N	162.1-141.1 ft msl	192.4 ft msl	4" PVC	S	Steel Pond
E45555.3	81.714056 °W					

FIELD MEASUREMENTS

Sample date: 01/06/93	Time: 8:45
Depth to water: 28.05 ft (8.55 m) below TOC	pH: 5.3
Water elevation: 164.35 ft (50.09 m) msl	Alkalinity: 4 mg/L
Sp. conductance: 30 µS/cm	Water temperature: 18.2°C
Water evacuated before sampling: 16 gal	Volumes purged: 1.0 well volumes
The well went dry during purging.	

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.4	J	pH	0	WA
•		Specific conductance	34	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	28	J3	µg/L	1	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	11		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	2,050	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	1,810		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 28 collected on 01/06/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	5.9		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	113		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	549	V	µg/L	0	WA
		Manganese	7.4		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	743		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	946		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	6,130	V	µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	2,010	V	µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	1,120		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	27,000	V	µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 28 collected on 01/06/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total organic halogens	<5.0		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	2.0E+00 ± 1.1E+00		pCi/L	0	TM
		Nonvolatile beta	3.8E+00 ± 1.7E+00		pCi/L	0	TM
		Radium-226	5.9E-01 ± 3.0E-01		pCi/L	0	TM
		Radium-228	1.2E+00 ± 1.0E+00		pCi/L	1	TM
		Tritium	1.3E+00 ± 2.0E-01		pCi/mL	0	TM

WELL LFW 28

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N86079.8	33.290475 °N	162.1-141.1 ft msl	192.4 ft msl	4" PVC	S	Steel Pond
E45555.3	81.714056 °W					

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 26.60 ft (8.11 m) below TOC
 Water elevation: 165.80 ft (50.54 m) msl
 Sp. conductance: 41 µS/cm
 Water evacuated before sampling: 17 gal
 The well went dry during purging.

Time: 10:41
 pH: 5.4
 Alkalinity: 10 mg/L
 Water temperature: 18.3°C
 Volumes purged: 1.0 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 29

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N86372.7 E45503.3	33.291038 °N 81.714763 °W	164.9-143.9 ft msl	195.3 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/03/93
 Depth to water: 29.57 ft (9.01 m) below TOC
 Water elevation: 165.73 ft (50.52 m) msl
 Sp. conductance: 20 μ S/cm
 Water evacuated before sampling: 100 gal

Time: 17:06
 pH: 6.6
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C
 Volumes purged: 7.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.8	J	pH	0	WA
•		Specific conductance	20	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	4.8	J3	μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	476		μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	1,850		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	4.7	J3	μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 29 collected on 01/03/93, laboratory analyses (cont.)

H	Q	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	9.3	J3	µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.054		µg/L	0	WA
		Magnesium	475		µg/L	0	WA
		Manganese	2.9		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.54		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	664		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	3,950		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,040	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	13,000		µg/L	0	WA
		Total dissolved solids	14,000		µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	6.0E+00 ± 1.6E+00		pCi/L	0	TM
		Nonvolatile beta	6.1E+00 ± 1.9E+00		pCi/L	0	TM
		Radium-226	1.8E+00 ± 5.8E-01		pCi/L	0	TM
		Radium-228	2.3E+00 ± 1.0E+00		pCi/L	1	TM
		Tritium	<4.1E-01		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 29

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N86372.7 E46603.3	33.291038 °N 81.714763 °W	164.9-143.9 ft msl	195.3 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 27.91 ft (8.51 m) below TOC
 Water elevation: 167.39 ft (51.02 m) msl
 Sp. conductance: 22 μ S/cm
 Water evacuated before sampling: 172 gal

Time: 17:26
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 18.9°C
 Volumes purged: 11.2 well volumes

WELL LFW 30

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N86318.4 E46170.9	33.290376 °N 81.715532 °W	162.7-141.7 ft msl	210 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/05/93
 Depth to water: 44.17 ft (13.46 m) below TOC
 Water elevation: 165.83 ft (50.55 m) msl
 Sp. conductance: 19 μ S/cm
 Water evacuated before sampling: 189 gal

Time: 13:59
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 18.6°C
 Volumes purged: 11.9 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.1	J	pH	0	WA
•		Specific conductance	21	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	4.6	J3	μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	1,190	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	1,470		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 30 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	18		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.056		µg/L	0	WA
		Magnesium	615	V	µg/L	0	WA
		Manganese	3.8		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	133		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	5,800	V	µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,030	V	µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	50,000	V	µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	< 5.0		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 30 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analysis	Result	Mod	Unit	Flag	Lab
		Total organic halogens	< 5.0		µg/L	0	WA
		Total phosphates (as P)	< 5.0		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	4.1E+00 ± 1.4E+00		pCi/L	0	TM
		Nonvolatile beta	6.9E+00 ± 1.9E+00		pCi/L	0	TM
		Radium-226	8.3E-01 ± 3.4E-01		pCi/L	0	TM
		Radium-228	2.9E+00 ± 1.0E+00		pCi/L	1	TM
		Tritium	2.1E+00 ± 4.4E-01		pCi/mL	0	TM

WELL LFW 30

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N86318.4	33.290375 °N	162.7-141.7 ft msl	210 ft msl	4" PVC	S	Steel Pond
E45170.9	81.715532 °W					

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 42.67 ft (13.01 m) below TOC
 Water elevation: 167.33 ft (51.00 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 192 gal

Time: 17:54
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 18.3°C
 Volumes purged: 11.4 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 31

SBS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N86262.2 E44869.0	33.289758 °N 81.716217 °W	166.0-145.0 ft msl	229.3 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/05/93
 Depth to water: 63.86 ft (19.46 m) below TOC
 Water elevation: 166.44 ft (50.43 m) msl
 Sp. conductance: 24 μ S/cm
 Water evacuated before sampling: 61 gal

Time: 14:22
 pH: 4.8
 Alkalinity: 1 mg/L
 Water temperature: 18.7°C
 Volumes purged: 4.5 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.8	J	pH	0	WA
•		Specific conductance	24	J	μ S/cm	0	WA
•		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	560	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	2,500		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethane (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	9.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 31 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	17		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	447	V	µg/L	0	WA
		Manganese	<2.0		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	108		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	1,140		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	5,450	V	µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	2,210	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	1,960		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	3,000	V	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	3.0E+00 ± 1.2E+00		pCi/L	0	TM
		Nonvolatile beta	2.6E+00 ± 1.6E+00		pCi/L	0	TM
		Radium-226	1.2E+00 ± 4.2E-01		pCi/L	0	TM
		Radium-228	1.4E+00 ± 9.0E-01		pCi/L	1	TM
		Tritium	3.0E+00 ± 3.5E-01		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 31

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N86262.2	33.289758 °N	166.0-145.0 ft msl	229.3 ft msl	4" PVC	S	Steel Pond
E44869.0	81.716217 °W					

FIELD MEASUREMENTS

Sample date: 03/23/93	Time: 15:00
Depth to water: 62.41 ft (19.02 m) below TOC	pH: 5.0
Water elevation: 166.89 ft (50.87 m) msl	Alkalinity: 1 mg/L
Sp. conductance: 25 µS/cm	Water temperature: 18.4°C
Water evacuated before sampling: 77 gal	Volumes purged: 5.4 well volumes

WELL LFW 32

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N85836.8	33.288927 °N	165.3-144.3 ft msl	223.7 ft msl	4" PVC	S	Steel Pond
E44935.9	81.715214 °W					

FIELD MEASUREMENTS

Sample date: 01/05/93	Time: 14:45
Depth to water: 60.49 ft (18.44 m) below TOC	pH: 4.7
Water elevation: 163.21 ft (49.75 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm	Water temperature: 18.8°C
Water evacuated before sampling: 73 gal	Volumes purged: 5.9 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	4.8	J	pH	0	WA
•		Specific conductance	21	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	<20		µg/L	0	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	<4.0		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	267	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	2,540		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 32 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	< 10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	< 4.0		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.056		µg/L	0	WA
		Magnesium	351	V	µg/L	0	WA
		Manganese	< 2.0		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.56		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	159		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	672	J3	µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	5,690	V	µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,800	V	µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	< 1,000		µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	< 5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 32 collected on 01/05/93, laboratory analyses (cont.)

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	4.2E+00 ± 1.4E+00		pCi/L	0	TM
		Nonvolatile beta	8.4E+00 ± 2.0E+00		pCi/L	0	TM
		Radium-226	9.1E-01 ± 3.7E-01		pCi/L	0	TM
		Radium-228	2.3E+00 ± 1.0E+00		pCi/L	1	TM
		Tritium	3.5E+00 ± 4.7E-01		pCi/mL	0	TM

WELL LFW 32

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N85836.8	33.288927 °N	165.3-144.3 ft msl	223.7 ft msl	4" PVC	S	Steel Pond
E44935.9	81.715214 °W					

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 59.02 ft (17.99 m) below TOC
 Water elevation: 164.68 ft (50.20 m) msl
 Sp. conductance: 22 µS/cm
 Water evacuated before sampling: 109 gal

Time: 15:25
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 18.4°C
 Volumes purged: 8.2 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 33

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N85633.8 E44973.0	33.288538 °N 81.714722 °W	165.4-144.4 ft msl	213.7 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/05/93
 Depth to water: 51.76 ft (15.78 m) below TOC
 Water elevation: 161.94 ft (49.36 m) msl
 Sp. conductance: 20 μ S/cm
 Water evacuated before sampling: 99 gal

Time: 15:08
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 18.8°C
 Volumes purged: 8.6 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.9	J	pH	0	WA
•		Specific conductance	19	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	330	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	2,540		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 33 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	9.3	J3	µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	412	V	µg/L	0	WA
		Manganese	<2.0		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	<20		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	690	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	5,080	V	µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,540	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	13,000	V	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	6.1E+00 ± 1.6E+00		pCi/L	0	TM
		Nonvolatile beta	1.4E+01 ± 2.3E+00		pCi/L	0	TM
		Radium-226	1.4E+00 ± 4.4E-01		pCi/L	0	TM
		Radium-228	5.4E+00 ± 1.2E+00		pCi/L	1	TM
		Tritium	3.0E+00 ± 3.5E-01		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 33

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N85633.8	33.288538 °N	165.4-144.4 ft msl	213.7 ft msl	4" PVC	S	Steel Pond
E44973.0	81.714722 °W					

FIELD MEASUREMENTS

Sample date: 03/23/93	Time: 15:58
Depth to water: 50.29 ft (15.33 m) below TOC	pH: 4.9
Water elevation: 163.41 ft (49.81 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm	Water temperature: 18.6°C
Water evacuated before sampling: 112 gal	Volumes purged: 9.0 well volumes

WELL LFW 34

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N85409.5	33.288114 °N	164.7-143.7 ft msl	201 ft msl	4" PVC	S	Steel Pond
E45016.9	81.714171 °W					

FIELD MEASUREMENTS

Sample date: 01/05/93	Time: 15:30
Depth to water: 40.33 ft (12.29 m) below TOC	pH: 4.7
Water elevation: 160.67 ft (48.97 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 20 µS/cm	Water temperature: 18.9°C
Water evacuated before sampling: 76 gal	Volumes purged: 6.8 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.0	J	pH	0	WA
•		Specific conductance	20	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetone	<10		µg/L	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	<20		µg/L	0	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	6.7		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 34 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Benzene	<5.0		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	422	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	2,780		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA
		Chloroethane	<10		µg/L	0	WA
		Chloroethane	<10		µg/L	0	WA
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	<10		µg/L	0	WA
		Dichlorodifluoromethane	<10		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 34 collected on 01/05/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	12	J3	µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.056		µg/L	0	WA
		Magnesium	446	V	µg/L	0	WA
		Manganese	2.0		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.56		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA

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WELL LFW 34 collected on 01/05/93, laboratory analyses (cont.)

H	R	Analyte	Result	Mod	Unit	Flag	Lab
		Nitrate as nitrogen	62		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	835	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	6,350	V	µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,500	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	14,000	V	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	5.8		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	2.8E+00 ± 1.2E+00		pCi/L	0	TM
		Nonvolatile beta	5.9E+00 ± 1.8E+00		pCi/L	0	TM
		Radium-226	9.9E-01 ± 3.8E-01		pCi/L	0	TM
		Radium-228	1.0E+00 ± 1.2E+00		pCi/L	1	TM

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WELL LFW 34 collected on 01/05/93, laboratory analyses (cont.)

H	R	Analyte	Result	Mod	Unit	Flag	Lab
		Tritium	3.5E+00 ± 5.6E-01		pCi/mL	0	TM

WELL LFW 34

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N88409.6 E48016.9	33.288114 °N 81.714171 °W	164.7-143.7 ft msl	201 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 38.97 ft (11.88 m) below TOC
 Water elevation: 162.03 ft (49.39 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 56 gal

Time: 16:22
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 18.8°C
 Volumes purged: 4.7 well volumes

WELL LFW 35

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N88237.4 E48378.8	33.288326 °N 81.712883 °W	164.4-143.4 ft msl	183.7 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/06/93
 Depth to water: 24.28 ft (7.40 m) below TOC
 Water elevation: 159.42 ft (48.59 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 65 gal

Time: 9:17
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 20.8°C
 Volumes purged: 6.2 well volumes

LABORATORY ANALYSES

H	R	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.7	J	pH	0	WA
•		pH	4.7	J	pH	0	WA
•		Specific conductance	33	J	µS/cm	0	WA
•		Specific conductance	34	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	27	J3	µg/L	1	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	9.5		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA

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WELL LFW 35 collected on 01/06/93, laboratory analyses (cont.)

H	D	Analysis	Result	Mod	Unit	Flag	Lab
		Bromoform	< 5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA
		Cadmium	< 2.0		µg/L	0	WA
		Calcium	668	V	µg/L	0	WA
		Carbon disulfide	< 5.0		µg/L	0	WA
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Chloride	2,780		µg/L	0	WA
		Chloride	2,830		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropene	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	< 4.0		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.056		µg/L	0	WA
		Magnesium	1,220	V	µg/L	0	WA
		Manganese	5.1		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.56		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	2,040		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	5,080	V	µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,240	V	µg/L	0	WA

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WELL LFW 35 collected on 01/06/93, laboratory analyses (cont.)

H	R	Analyte	Result	Mod	Unit	Flag	Lab
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	41,000	V	µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	< 5.0		µg/L	0	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,6-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	7.3E+00 ± 1.7E+00		pCi/L	0	TM
		Nonvolatile beta	1.1E+01 ± 2.1E+00		pCi/L	0	TM
		Radium-226	1.8E+00 ± 4.9E-01		pCi/L	0	TM
		Radium-228	3.5E+00 ± 1.2E+00		pCi/L	1	TM
		Tritium	9.1E-01 ± 1.3E-01		pCi/mL	0	TM

WELL LFW 35

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N85237.4 E45378.8	33.288325 °N 81.712883 °W	164.4-143.4 ft msl	183.7 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 22.77 ft (6.94 m) below TOC
 Water elevation: 160.93 ft (49.05 m) msl
 Sp. conductance: 31 µS/cm
 Water evacuated before sampling: 59 gal

Time: 16:45
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 20.3°C
 Volumes purged: 5.1 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 36

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83535.5 E45582.3	33.284894 °N 81.709040 °W	151.3-130.3 ft msl	170.4 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/14/93
 Depth to water: 23.07 ft (7.03 m) below TOC
 Water elevation: 147.33 ft (44.91 m) msl
 Sp. conductance: 228 μ S/cm
 Water evacuated before sampling: 82 gal

Time: 15:48
 pH: 6.4
 Alkalinity: 89 mg/L
 Water temperature: 19.6°C
 Volumes purged: 7.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	6.2	J	pH	0	WA
•		pH	6.2	J	pH	0	WA
•		Specific conductance	239	J	μ S/cm	0	WA
•		Specific conductance	241	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	21	J3	μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	3.9	J	μ g/L	1	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	4,980	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	18,800		μ g/L	0	WA
		Chlorobenzene	8.6		μ g/L	1	WA
		Chloroethane	3.7	J	μ g/L	0	WA
■		Chloroethene (Vinyl chloride)	2.4	J	μ g/L	2	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	4.5	J	μ g/L	0	WA
		1,1-Dichloroethane	44		μ g/L	2	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA

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WELL LFW 36 collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	5.3		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.2		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	122		µg/L	0	WA
		Fluoride	121		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	9,940		µg/L	2	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	10,100	V	µg/L	0	WA
		Manganese	10		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	<20		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	536	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	5,390		µg/L	0	WA
		Silver	2.2	J3V	µg/L	0	WA
		Sodium	18,300	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	96,000	V	µg/L	0	WA
		Total organic carbon	3,680		µg/L	0	WA
		Total organic halogens	281		µg/L	2	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	0.33	J	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	12		µg/L	2	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	3.5E+00 ± 1.6E+00		pCi/L	0	TM
		Gross alpha	2.8E+00 ± 1.5E+00		pCi/L	0	TM
		Nonvolatile beta	6.4E+00 ± 2.3E+00		pCi/L	0	TM

⊖ = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 36 collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Nonvolatile beta	7.9E+00 ± 2.5E+00		pCi/L	0	TM
		Radium-226	4.0E-01 ± 2.4E-01		pCi/L	0	TM
		Radium-226	7.2E-01 ± 3.1E-01		pCi/L	0	TM
		Radium-228	2.4E+00 ± 1.4E+00		pCi/L	1	TM
		Radium-228	5.4E+00 ± 1.7E+00		pCi/L	1	TM
		Tritium	1.2E+01 ± 3.2E+00		pCi/mL	1	TM
		Tritium	1.1E+01 ± 3.3E+00		pCi/mL	1	TM

WELL LFW 36

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83535.5 E45582.3	33.284894 °N 81.709040 °W	151.3-130.3 ft msl	170.4 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 23.30 ft (7.10 m) below TOC
 Water elevation: 147.10 ft (44.84 m) msl
 Sp. conductance: 263 μ S/cm
 Water evacuated before sampling: 108 gal

Time: 14:24
 pH: 6.4
 Alkalinity: 75 mg/L
 Water temperature: 19.0°C
 Volumes purged: 9.8 well volumes

WELL LFW 37

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83113.2 E45667.7	33.284100 °N 81.707994 °W	150.8-129.8 ft msl	169.9 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/14/93
 Depth to water: 25.80 ft (7.86 m) below TOC
 Water elevation: 144.10 ft (43.92 m) msl
 Sp. conductance: 167 μ S/cm
 Water evacuated before sampling: 60 gal

Time: 12:48
 pH: 5.4
 Alkalinity: 11 mg/L
 Water temperature: 19.4°C
 Volumes purged: 6.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.2	J	pH	0	WA
•		Specific conductance	176	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 37 collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Arsenic	<2.0		µg/L	0	WA
		Barium	8.7		µg/L	0	WA
■		Benzene	8.5		µg/L	2	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	3,480	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	32,900		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA
		Chloroethane	<10		µg/L	0	WA
■		Chloroethene (Vinyl chloride)	3.0	J	µg/L	2	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	26		µg/L	2	WA
		1,1-Dichloroethane	123		µg/L	2	WA
■		1,2-Dichloroethane	7.9	J	µg/L	2	WA
		1,1-Dichloroethylene	3.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	55		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Endrin	<0.22		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	25		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Lindane	<0.11		µg/L	0	WA
		Magnesium	5,400	V	µg/L	0	WA
		Manganese	<2.0		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methoxychlor	<1.1		µg/L	0	WA
		Methoxychlor	<1.1		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	108		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 37 collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Phenols	<5.0		µg/L	0	WA
		Potassium	696	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	11,000		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	20,500	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	3,670		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	1.3	J	µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	48,000	V	µg/L	0	WA
		Total organic carbon	3,860		µg/L	0	WA
		Total organic halogens	510		µg/L	2	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		Toxaphene	<2.2		µg/L	0	WA
		Toxaphene	<2.2		µg/L	0	WA
		2,4,5-TP (Silvex)	1.4		µg/L	0	WA
		1,1,1-Trichloroethane	9.4		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
■		Trichloroethylene	9.7		µg/L	2	WA
		Trichlorofluoromethane	48		µg/L	2	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	16		µg/L	0	WA
		Gross alpha	7.1E+00 ± 2.3E+00		pCi/L	0	TM
		Nonvolatile beta	1.4E+01 ± 2.9E+00		pCi/L	0	TM
		Radium-226	2.1E+00 ± 5.7E-01		pCi/L	0	TM
		Radium-228	5.6E+00 ± 1.2E+00		pCi/L	1	TM
		Tritium	1.0E+01 ± 2.8E+00		pCi/mL	1	TM

WELL LFW 37

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83113.2	33.284100 °N	150.8-129.8 ft msl	169.9 ft msl	4" PVC	S	Steel Pond
E45667.7	81.707994 °W					

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 25.95 ft (7.91 m) below TOC
 Water elevation: 143.95 ft (43.88 m) msl
 Sp. conductance: 186 µS/cm
 Water evacuated before sampling: 50 gal

Time: 17:16
 pH: 5.3
 Alkalinity: 8 mg/L
 Water temperature: 19.2°C
 Volumes purged: 5.4 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 38

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83172.3 E46018.5	33.284803 °N 81.707185 °W	151.5-130.5 ft msl	170.3 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/10/93
 Depth to water: 28.15 ft (8.58 m) below TOC
 Water elevation: 142.15 ft (43.33 m) msl
 Sp. conductance: 68 µS/cm
 Water evacuated before sampling: 44 gal

Time: 15:58
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 19.8°C
 Volumes purged: 5.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.0	J	pH	0	WA
•		pH	5.0	J	pH	0	WA
•		Specific conductance	62	J	µS/cm	0	WA
•		Specific conductance	62	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	46		µg/L	1	WA
		Aluminum	41	J3	µg/L	1	WA
		Arsenic	<2.0		µg/L	0	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	7.3		µg/L	0	WA
		Barium	6.3		µg/L	0	WA
■		Benzene	6.3		µg/L	2	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	684	V	µg/L	0	WA
		Calcium	683	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	13,700		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 38 collected on 01/10/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	35		µg/L	2	WA
		1,1-Dichloroethane	81		µg/L	2	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	3.4	J	µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	62		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	46		µg/L	0	WA
		Iron	46		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.053		µg/L	0	WA
		Magnesium	1,010	V	µg/L	0	WA
		Magnesium	1,020	V	µg/L	0	WA
		Manganese	16		µg/L	0	WA
		Manganese	15		µg/L	0	WA
		Mercury	0.79		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.53		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	377		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	527	J3	µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	10,900		µg/L	0	WA
		Silica	11,000		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	8,320	V	µg/L	0	WA
		Sodium	8,400	V	µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	1.8	J	µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
•		Total dissolved solids	27,000	J	µg/L	0	WA
•		Total dissolved solids	27,000	J	µg/L	0	WA
		Total organic carbon	3,080		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 38 collected on 01/10/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total organic halogens	316		µg/L	2	WA
		Total phosphates (as P)	62		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	10		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
■		Trichloroethylene	18		µg/L	2	WA
		Trichlorofluoromethane	23		µg/L	2	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	1.7	J	µg/L	0	WA
		Gross alpha	2.4E+00 ± 1.5E+00		pCi/L	0	TM
		Nonvolatile beta	4.5E+00 ± 2.0E+00		pCi/L	0	TM
		Radium-226	1.0E+00 ± 4.0E-01		pCi/L	0	TM
		Radium-228	2.1E+00 ± 9.0E-01		pCi/L	1	TM
■		Tritium	3.3E+01 ± 5.5E+00		pCi/mL	2	TM

WELL LFW 38

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83172.3	33.284803 °N	151.5-130.5 ft msl	170.3 ft msl	4" PVC	S	Steel Pond
E46018.5	81.707185 °W					

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 25.39 ft (7.74 m) below TOC
 Water elevation: 144.91 ft (44.17 m) msl
 Sp. conductance: 85 µS/cm
 Water evacuated before sampling: 78 gal

Time: 15:33
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.8°C
 Volumes purged: 8.3 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 39

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83213.1	33.285220 °N	152.2-131.2 ft msl	171.4 ft msl	4" PVC	S	Steel Pond
E46218.5	81.706738 °W					

FIELD MEASUREMENTS

Sample date: 01/11/93
 Depth to water: 26.40 ft (8.05 m) below TOC
 Water elevation: 145.00 ft (44.20 m) msl
 Sp. conductance: 41 μ S/cm
 Water evacuated before sampling: 174 gal

Time: 13:07
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.4°C
 Volumes purged: 19.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.9	J	pH	0	WA
•		pH	4.8	J	pH	0	WA
•		Specific conductance	42	J	μ S/cm	0	WA
•		Specific conductance	42	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	28	J3	μ g/L	1	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	5.1	J3	μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	460	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 39 collected on 01/11/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Chloride	5,630		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane	< 10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	79		µg/L	2	WA
		Dichlorodifluoromethane	67		µg/L	2	WA
		Dichlorodifluoromethane	66		µg/L	2	WA
		1,1-Dichloroethane	75		µg/L	2	WA
		1,1-Dichloroethane	80		µg/L	2	WA
		1,1-Dichloroethane	80		µg/L	2	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
■		1,1-Dichloroethylene	12		µg/L	2	WA
■		1,1-Dichloroethylene	10		µg/L	2	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	121	V	µg/L	0	WA
		Dichloromethane (Methylene chloride)	119	V	µg/L	0	WA
		Dichloromethane (Methylene chloride)	117	V	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.0		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA

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WELL LFW 39 collected on 01/11/93, laboratory analyses (cont.)

H	R	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Endrin	<0.22		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	10	J3	µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.054		µg/L	0	WA
		Lindane	<0.11		µg/L	0	WA
		Magnesium	839	V	µg/L	0	WA
		Manganese	<2.0		µg/L	0	WA
		Mercury	0.43		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.54		µg/L	0	WA
		Methoxychlor	<1.1		µg/L	0	WA
		Methoxychlor	<1.0		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	478		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	8,350		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	3,380	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA

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WELL LFW 39 collected on 01/11/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	2	WA
■		Tetrachloroethylene	7.6		µg/L	2	WA
■		Tetrachloroethylene	7.2		µg/L	2	WA
■		Tetrachloroethylene	6.7		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	27,000	V	µg/L	0	WA
		Total organic carbon	2,090		µg/L	0	WA
		Total organic halogens	498		µg/L	2	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		Toxaphene	< 2.2		µg/L	0	WA
		Toxaphene	< 2.1		µg/L	0	WA
		Toxaphene	< 0.53		µg/L	0	WA
		2,4,5-TP (Silvex)	72		µg/L	0	WA
		1,1,1-Trichloroethane	73		µg/L	0	WA
		1,1,1-Trichloroethane	71		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	2	WA
■		Trichloroethylene	20		µg/L	2	WA
■		Trichloroethylene	21		µg/L	2	WA
		Trichlorofluoromethane	216	L	µg/L	2	WA
		Trichlorofluoromethane	185		µg/L	2	WA
		Trichlorofluoromethane	179		µg/L	2	WA
		Trichlorofluoromethane	164		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	25		µg/L	0	WA
		Xylenes	27		µg/L	0	WA
		Xylenes	29		µg/L	0	WA
		Gross alpha	5.3E+00 ± 2.0E+00		pCi/L	0	TM
		Gross alpha	5.3E+00 ± 2.0E+00		pCi/L	0	TM
		Nonvolatile beta	5.2E+00 ± 2.3E+00		pCi/L	0	TM
		Nonvolatile beta	2.8E+00 ± 2.1E+00		pCi/L	0	TM
		Radium-226	1.0E+00 ± 3.8E-01		pCi/L	0	TM
		Radium-226	1.3E+00 ± 4.4E-01		pCi/L	0	TM
		Radium-228	3.3E+00 ± 1.1E+00		pCi/L	1	TM
		Radium-228	3.8E+00 ± 1.1E+00		pCi/L	1	TM
		Radium-228	5.5E+00 ± 9.7E-01		pCi/mL	0	TM
		Tritium	5.8E+00 ± 9.1E-01		pCi/mL	0	TM
		Tritium					

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WELL LFW 39

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83213.1 E46218.6	33.285220 °N 81.706738 °W	152.2-131.2 ft msl	171.4 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 26.22 ft (7.99 m) below TOC
 Water elevation: 145.18 ft (44.25 m) msl
 Sp. conductance: 89 μ S/cm
 Water evacuated before sampling: 220 gal

Time: 16:16
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C
 Volumes purged: 24.0 well volumes

WELL LFW 40

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83248.8 E46395.1	33.285587 °N 81.706343 °W	152.2-131.2 ft msl	171 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/14/93
 Depth to water: 25.82 ft (7.87 m) below TOC
 Water elevation: 145.18 ft (44.25 m) msl
 Sp. conductance: 28 μ S/cm
 Water evacuated before sampling: 205 gal

Time: 13:53
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 19.5°C
 Volumes purged: 22.4 well volumes

LABORATORY ANALYSES

H	R	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.1	J	pH	0	WA
•		Specific conductance	18	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	20	J3	μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	559	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	2,470		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 40 collected on 01/14/93, laboratory analyses (cont.)

H R	Analyte	Result	Mod	Unit	Flag	Lab
	Chloroethane	8.9	J	µg/L	1	WA
	Chloroethane (Vinyl chloride)	< 10		µg/L	0	WA
	Chloroform	< 5.0		µg/L	0	WA
	Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
	Chloroprene	< 20		µg/L	0	WA
	Chromium	< 4.0		µg/L	0	WA
	Copper	< 4.0		µg/L	0	WA
	Dibromochloromethane	< 5.0		µg/L	0	WA
	1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
	1,2-Dibromoethane	< 20		µg/L	0	WA
	Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
	trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
	Dichlorodifluoromethane	50		µg/L	2	WA
	1,1-Dichloroethane	36		µg/L	2	WA
	1,2-Dichloroethane	< 5.0	J	µg/L	0	WA
	1,1-Dichloroethylene	2.6		µg/L	0	WA
	trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
	Dichloromethane (Methylene chloride)	117		µg/L	0	WA
	2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
	1,2-Dichloropropane	< 5.0		µg/L	0	WA
	cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
	trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
	Endrin	< 0.11		µg/L	0	WA
	Ethylbenzene	1.1	J	µg/L	0	WA
	Fluoride	< 100		µg/L	0	WA
	2-Hexanone	< 10		µg/L	0	WA
	Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
	Iron	2,170		µg/L	2	WA
	Isobutyl alcohol	< 20		µg/L	0	WA
	Lead	< 3.0		µg/L	0	WA
	Lindane	< 0.053		µg/L	0	WA
	Magnesium	752	V	µg/L	0	WA
	Manganese	< 2.0		µg/L	0	WA
	Mercury	< 0.20		µg/L	0	WA
	Methacrylonitrile	< 20		µg/L	0	WA
	Methoxychlor	< 0.53		µg/L	0	WA
	Methyl ethyl ketone	< 10		µg/L	0	WA
	4-Methyl-2-pentanone	< 10		µg/L	0	WA
	Nickel	< 4.0		µg/L	0	WA
	Nitrate as nitrogen	< 20		µg/L	0	WA
	Phenols	5.5		µg/L	0	WA
	Potassium	< 500		µg/L	0	WA
	Propionitrile	< 50		µg/L	0	WA
	Selenium	< 2.0		µg/L	0	WA
	Silica	7,250		µg/L	0	WA
	Silver	2.2	J3V	µg/L	0	WA
	Sodium	2,220	V	µg/L	0	WA
	Styrene	< 5.0		µg/L	0	WA
	Sulfate	< 1,000		µg/L	0	WA
	1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
	1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
	Tetrachloroethylene	3.8	J	µg/L	1	WA
	Toluene	< 5.0		µg/L	0	WA
	Total dissolved solids	< 1,000		µg/L	0	WA
	Total organic carbon	< 1,000		µg/L	0	WA
	Total organic halogens	490		µg/L	2	WA

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WELL LFW 40 collected on 01/14/93, laboratory analyses (cont.)

H	Q	Analyte	Result	Mod	Unit	Flag	Lab
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	22		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
•		Trichloroethylene	15		µg/L	2	WA
		Trichlorofluoromethane	175		µg/L	2	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	15		µg/L	0	WA
		Gross alpha	$1.1\text{E}+00 \pm 8.0\text{E}-01$		pCi/L	0	TM
		Nonvolatile beta	$1.9\text{E}+00 \pm 1.6\text{E}+00$		pCi/L	0	TM
		Radium-226	$9.5\text{E}-01 \pm 3.6\text{E}-01$		pCi/L	0	TM
		Radium-228	$6.9\text{E}+00 \pm 1.3\text{E}+00$		pCi/L	1	TM
		Tritium	$1.4\text{E}+00 \pm 3.8\text{E}-01$		pCi/mL	0	TM

WELL LFW 40

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83248.8 E46395.1	33.285587 °N 81.706343 °W	152.2-131.2 ft msl	171 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 25.98 ft (7.92 m) below TOC
 Water elevation: 145.02 ft (44.20 m) msl
 Sp. conductance: 36 µS/cm
 Water evacuated before sampling: 294 gal

Time: 11:18
 pH: 5.5
 Alkalinity: 4 mg/L
 Water temperature: 19.1°C
 Volumes purged: 32.4 well volumes

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 41

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83304.9 E46626.9	33.286089 °N 81.705841 °W	151.3-130.3 ft msl	170.5 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/14/93
 Depth to water: 23.39 ft (7.13 m) below TOC
 Water elevation: 147.11 ft (44.84 m) msl
 Sp. conductance: 15 μ S/cm
 Water evacuated before sampling: 210 gal

Time: 14:17
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.4°C
 Volumes purged: 19.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.1	J	pH	0	WA
•		Specific conductance	16	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	2.6	J3	μ g/L	1	WA
		Calcium	227	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	1,560		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	7.3	J	μ g/L	1	WA
		1,1-Dichloroethane	4.1	J	μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	6.2		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 41 collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	4.9	J3	µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	344	V	µg/L	0	WA
		Manganese	< 2.0		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	129		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	6,690		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,570	V	µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	1.2	J	µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	< 1,000		µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	72		µg/L	2	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	8.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	3.3	J	µg/L	1	WA
		Trichlorofluoromethane	40		µg/L	2	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	2.4E+00 ± 1.1E+00		pCi/L	0	TM
		Nonvolatile beta	3.4E+00 ± 1.8E+00		pCi/L	0	TM
		Radium-226	5.3E-01 ± 3.1E-01		pCi/L	0	TM
		Radium-228	4.3E+00 ± 1.1E+00		pCi/L	1	TM
		Tritium	1.6E+00 ± 5.1E-01		pCi/rnL	0	TM

⊖ = exceeded holding time. ⊞ = exceeded final primary drinking water standard.

WELL LFW 41

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83304.9	33.286089 °N	151.3-130.3 ft msl	170.5 ft msl	4" PVC	S	Steel Pond
E46626.9	81.705841 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93	Time: 14:25
Depth to water: 23.48 ft (7.16 m) below TOC	pH: 5.0
Water elevation: 147.02 ft (44.81 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 17 µS/cm	Water temperature: 19.5°C
Water evacuated before sampling: 156 gal	Volumes purged: 14.2 well volumes

WELL LFW 42

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83776.2	33.286978 °N	151.2-130.2 ft msl	170.1 ft msl	4" PVC	S	Steel Pond
E46532.9	81.707005 °W					

FIELD MEASUREMENTS

Sample date: 01/14/93	Time: 16:18
Depth to water: 20.41 ft (6.22 m) below TOC	pH: 5.0
Water elevation: 149.69 ft (45.63 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 16 µS/cm	Water temperature: 18.5°C
Water evacuated before sampling: 194 gal	Volumes purged: 15.2 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.0	J	pH	0	WA
•		Specific conductance	15	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	<20		µg/L	0	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	<4.0		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0	J3	µg/L	0	WA
		Calcium	233	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	1,860		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 42 collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	7.4	J	µg/L	1	WA
		1,1-Dichloroethane	2.5	J	µg/L	0	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	5.4		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	<4.0		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055	V	µg/L	0	WA
		Magnesium	426		µg/L	0	WA
		Manganese	<2.0		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	114		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	7,270	J3V	µg/L	0	WA
		Silver	2.5	V	µg/L	0	WA
		Sodium	1,100		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	3.8	J	µg/L	1	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	36,000	V	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	89		µg/L	2	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 42 collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,6-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	30		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	1.6	J	µg/L	0	WA
		Trichlorofluoromethane	61		µg/L	2	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	4.1E+00 ± 1.4E+00		pCi/L	0	TM
		Nonvolatile beta	2.1E+00 ± 1.6E+00		pCi/L	0	TM
		Radium-226	8.2E-01 ± 3.5E-01		pCi/L	0	TM
		Radium-228	2.2E+00 ± 1.1E+00		pCi/L	1	TM
		Tritium	1.6E+00 ± 4.7E-01		pCi/mL	0	TM

WELL LFW 42

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83776.2 E46532.9	33.286978 °N 81.707005 °W	151.2-130.2 ft msl	170.1 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 21.00 ft (6.40 m) below TOC
 Water elevation: 149.10 ft (45.45 m) msl
 Sp. conductance: 17 µS/cm
 Water evacuated before sampling: 96 gal

Time: 14:47
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 18.4°C
 Volumes purged: 7.7 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 43B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N86459.2	33.290800 °N	100.4-90.4 ft msl	203 ft msl	4" PVC	S	Steel Pond
E45240.5	81.715622 °W					

FIELD MEASUREMENTS

Sample date: 01/08/93

Depth to water: 36.98 ft (11.27 m) below TOC

Water elevation: 166.02 ft (50.60 m) msl

Sp. conductance: 21 μ S/cm

Water evacuated before sampling: 166 gal

Time: 15:34

pH: 5.6

Alkalinity: 2 mg/L

Water temperature: 18.8°C

Volumes purged: 3.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.2	J	pH	0	WA
•		pH	5.3	J	pH	0	WA
•		Specific conductance	21	J	μ S/cm	0	WA
•		Specific conductance	21	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	137		μ g/L	2	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	7.8		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	1,700		μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	1,430		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	4.5	J3	μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 43B collected on 01/06/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 2.2		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	144		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	313		µg/L	0	WA
		Manganese	9.3		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	818		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	7,730		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,570		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		Sulfate	480		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	44,000	V	µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	< 5.0		µg/L	0	WA
		Total organic halogens	< 5.0		µg/L	0	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		2,4,5-TP (Silvex)	< 1.1		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	1.8E+00 ± 1.3E+00		pCi/L	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 43B collected on 01/06/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Gross alpha	1.9E+00 ± 1.3E+00		pCi/L	0	TM
		Nonvolatile beta	3.0E+00 ± 1.8E+00		pCi/L	0	TM
		Nonvolatile beta	1.9E+00 ± 1.7E+00		pCi/L	0	TM
		Radium-226	8.9E-01 ± 3.6E-01		pCi/L	0	TM
		Radium-226	5.8E-01 ± 2.9E-01		pCi/L	0	TM
		Radium-228	3.1E+00 ± 1.1E+00		pCi/L	1	TM
		Radium-228	2.5E+00 ± 1.0E+00		pCi/L	1	TM
		Tritium	1.3E+00 ± 4.6E-01		pCi/mL	0	TM
		Tritium	2.9E+00 ± 3.7E+00		pCi/mL	0	TM

WELL LFW 43B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N86459.2	33.290800 °N	100.4-90.4 ft msl	203 ft msl	4" PVC	S	Steel Pond
E45240.5	81.715622 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 35.66 ft (10.87 m) below TOC
 Water elevation: 167.34 ft (51.01 m) msl
 Sp. conductance: 23 µS/cm
 Water evacuated before sampling: 275 gal

Time: 13:57
 pH: 6.1
 Alkalinity: 1 mg/L
 Water temperature: 19.2°C
 Volumes purged: 5.4 well volumes

WELL LFW 43C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N86480.6	33.290838 °N	138.5-128.5 ft msl	202.6 ft msl	4" PVC	S	Steel Pond
E45234.9	81.715679 °W					

FIELD MEASUREMENTS

Sample date: 01/06/93
 Depth to water: 36.57 ft (11.15 m) below TOC
 Water elevation: 166.03 ft (50.61 m) msl
 Sp. conductance: 17 µS/cm
 Water evacuated before sampling: 188 gal

Time: 15:21
 pH: 5.1
 Alkalinity: 1 mg/L
 Water temperature: 18.5°C
 Volumes purged: 7.6 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.4	J	pH	0	GE
•		pH	5.4	J	pH	0	GE
•		pH	5.1	J	pH	0	WA
•		pH	5.1	J	pH	0	WA
		Specific conductance	20		µS/cm	0	GE
		Specific conductance	20		µS/cm	0	GE

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 43C collected on 01/08/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		Specific conductance	17	J	µS/cm	0	WA
•		Specific conductance	18	J	µS/cm	0	WA
		Acetone	< 100		µg/L	0	GE
		Acetone	< 100		µg/L	0	GE
		Acetone	< 10		µg/L	0	WA
		Acetone	< 10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	< 1.0		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	< 1.0		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	< 20		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	< 20		µg/L	0	WA
		Acrolein	< 20		µg/L	0	GE
		Acrolein	< 20		µg/L	0	GE
		Acrolein	< 10		µg/L	0	WA
		Acrolein	< 10		µg/L	0	WA
		Acrylonitrile	< 20		µg/L	0	GE
		Acrylonitrile	< 20		µg/L	0	GE
		Acrylonitrile	< 10		µg/L	0	WA
		Acrylonitrile	< 10		µg/L	0	WA
		Allyl chloride	< 50		µg/L	0	GE
		Allyl chloride	< 50		µg/L	0	GE
		Allyl chloride	< 100		µg/L	0	WA
		Allyl chloride	< 100		µg/L	0	WA
		Aluminum	< 20		µg/L	0	GE
		Aluminum	< 20		µg/L	0	GE
		Aluminum	< 20		µg/L	0	WA
		Aluminum	< 20		µg/L	0	WA
		Arsenic	< 2.0		µg/L	0	GE
		Arsenic	< 2.0		µg/L	0	GE
		Arsenic	< 2.0		µg/L	0	WA
		Arsenic	< 2.0		µg/L	0	WA
		Barium	4.8		µg/L	0	GE
		Barium	4.9		µg/L	0	GE
		Barium	4.8	J3	µg/L	0	WA
		Barium	4.5	J3	µg/L	0	WA
		Benzene	< 1.0		µg/L	0	GE
		Benzene	< 1.0		µg/L	0	GE
		Benzene	< 5.0		µg/L	0	WA
		Benzene	< 5.0		µg/L	0	WA
		Bis(2-chloroisopropyl) ether	< 10		µg/L	0	GE
		Bis(2-chloroisopropyl) ether	< 10		µg/L	0	GE
		Bromodichloromethane	< 1.0		µg/L	0	GE
		Bromodichloromethane	< 1.0		µg/L	0	GE
		Bromodichloromethane	< 5.0		µg/L	0	WA
		Bromodichloromethane	< 5.0		µg/L	0	WA
		Bromoform	< 1.0		µg/L	0	GE
		Bromoform	< 1.0		µg/L	0	GE
		Bromoform	< 5.0		µg/L	0	WA
		Bromoform	< 5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 1.0		µg/L	0	GE
		Bromomethane (Methyl bromide)	< 1.0		µg/L	0	GE
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA
		Cadmium	< 2.0		µg/L	0	GE
		Cadmium	< 2.0		µg/L	0	GE
		Cadmium	< 2.0		µg/L	0	WA
		Cadmium	< 2.0		µg/L	0	WA

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WELL LFW 43C collected on 01/06/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Calcium	997	J2	µg/L	0	GE
		Calcium	1,030	J2	µg/L	0	GE
		Calcium	970		µg/L	0	WA
		Calcium	953		µg/L	0	WA
		Carbon disulfide	< 1.0		µg/L	0	GE
		Carbon disulfide	< 1.0		µg/L	0	GE
		Carbon disulfide	< 5.0		µg/L	0	WA
		Carbon disulfide	< 5.0		µg/L	0	WA
		Carbon tetrachloride	< 1.0		µg/L	0	GE
		Carbon tetrachloride	< 1.0		µg/L	0	GE
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Chloride	1,480		µg/L	0	GE
		Chloride	1,450		µg/L	0	GE
		Chloride	1,370		µg/L	0	WA
		Chloride	1,360		µg/L	0	WA
		Chloride	1,360		µg/L	0	WA
		Chlorobenzene	< 1.0		µg/L	0	GE
		Chlorobenzene	< 1.0		µg/L	0	GE
		Chlorobenzene	< 5.0		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA
		Chloroethane	< 1.0		µg/L	0	GE
		Chloroethane	< 1.0		µg/L	0	GE
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane	< 10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	< 1.0		µg/L	0	GE
		Chloroethene (Vinyl chloride)	< 1.0		µg/L	0	GE
		Chloroethene (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 1.0		µg/L	0	GE
		Chloroform	< 1.0		µg/L	0	GE
		Chloroform	< 5.0		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 1.0		µg/L	0	GE
		Chloromethane (Methyl chloride)	< 1.0		µg/L	0	GE
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 200		µg/L	0	GE
		Chloroprene	< 200		µg/L	0	GE
		Chloroprene	< 20		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	GE
		Chromium	< 4.0		µg/L	0	GE
		Chromium	< 4.0		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	GE
		Copper	< 4.0		µg/L	0	GE
		Copper	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 1.0		µg/L	0	GE
		Dibromochloromethane	< 1.0		µg/L	0	GE
		Dibromochloromethane	< 5.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 1.0		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	< 1.0		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA

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WELL LFW 43C collected on 01/06/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	GE
		1,2-Dibromoethane	< 20		µg/L	0	GE
		1,2-Dibromoethane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 1.0		µg/L	0	GE
		Dibromomethane (Methylene bromide)	< 1.0		µg/L	0	GE
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 30		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	< 30		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 1.0		µg/L	0	GE
		Dichlorodifluoromethane	< 1.0		µg/L	0	GE
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 1.0		µg/L	0	GE
		1,1-Dichloroethane	< 1.0		µg/L	0	GE
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 1.0		µg/L	0	GE
		1,2-Dichloroethane	< 1.0		µg/L	0	GE
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 1.0		µg/L	0	GE
		1,1-Dichloroethylene	< 1.0		µg/L	0	GE
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 1.0		µg/L	0	GE
		trans-1,2-Dichloroethylene	< 1.0		µg/L	0	GE
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 1.0	JV	µg/L	0	GE
		Dichloromethane (Methylene chloride)	< 1.0	JV	µg/L	0	GE
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
•		2,4-Dichlorophenoxyacetic acid	< 0.30	J6	µg/L	0	GE
•		2,4-Dichlorophenoxyacetic acid	< 0.30	J6	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 1.0		µg/L	0	GE
		1,2-Dichloropropane	< 1.0		µg/L	0	GE
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 1.0		µg/L	0	GE
		cis-1,3-Dichloropropene	< 1.0		µg/L	0	GE
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 1.0		µg/L	0	GE
		trans-1,3-Dichloropropene	< 1.0		µg/L	0	GE
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.0080		µg/L	0	GE
•		Endrin	< 0.0080	J6	µg/L	0	GE
		Endrin	< 0.11		µg/L	0	WA

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WELL LFW 43C collected on 01/06/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<1.0		µg/L	0	GE
		Ethylbenzene	<1.0		µg/L	0	GE
		Ethylbenzene	<5.0		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	GE
		Fluoride	<100		µg/L	0	GE
		Fluoride	<100		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<1.0		µg/L	0	GE
		2-Hexanone	<1.0		µg/L	0	GE
		2-Hexanone	<10		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<15		µg/L	0	GE
		Iodomethane (Methyl iodide)	<15		µg/L	0	GE
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	5.0		µg/L	0	GE
		Iron	4.9		µg/L	0	GE
		Iron	9.5	J3	µg/L	0	WA
		Iron	6.6	J3	µg/L	0	WA
		Isobutyl alcohol	<100		µg/L	0	GE
		Isobutyl alcohol	<100		µg/L	0	GE
		Isobutyl alcohol	<20		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	GE
		Lead	<3.0		µg/L	0	GE
		Lead	<3.0		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.0050		µg/L	0	GE
•		Lindane	<0.0050	J8	µg/L	0	GE
		Lindane	<0.055		µg/L	0	WA
		Lindane	<0.056		µg/L	0	WA
		Magnesium	430		µg/L	0	GE
		Magnesium	432		µg/L	0	GE
		Magnesium	404		µg/L	0	WA
		Magnesium	404		µg/L	0	WA
		Manganese	4.4		µg/L	0	GE
		Manganese	4.4		µg/L	0	GE
		Manganese	4.2		µg/L	0	WA
		Manganese	4.3		µg/L	0	WA
		Mercury	<0.20		µg/L	0	GE
		Mercury	<0.20		µg/L	0	GE
		Mercury	<0.20		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<50		µg/L	0	GE
		Methacrylonitrile	<50		µg/L	0	GE
		Methacrylonitrile	<20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.50		µg/L	0	GE
•		Methoxychlor	<0.50	J8	µg/L	0	GE
		Methoxychlor	<0.55		µg/L	0	WA
		Methoxychlor	<0.56		µg/L	0	WA
		Methyl ethyl ketone	<1.0		µg/L	0	GE
		Methyl ethyl ketone	<1.0		µg/L	0	GE
		Methyl ethyl ketone	<10		µg/L	0	WA

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WELL LFW 43C collected on 01/06/93, laboratory analyses (cont 1)

H	Q	Analyte	Result	Mod	Unit	Flag	Lab
		Methyl ethyl ketone	< 10		µg/L	0	WA
		Methyl isobutyl ketone	< 1.0		µg/L	0	GE
		Methyl isobutyl ketone	< 1.0		µg/L	0	GE
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	GE
		Nickel	< 4.0		µg/L	0	GE
		Nickel	< 4.0		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	438		µg/L	0	WA
		Nitrate as nitrogen	198		µg/L	0	WA
		Nitrate-nitrite as nitrogen	490		µg/L	0	GE
		Nitrate-nitrite as nitrogen	540		µg/L	0	GE
		Phenols	< 5.0		µg/L	0	GE
		Phenols	< 5.0		µg/L	0	GE
		Phenols	< 5.0		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	GE
		Potassium	< 500		µg/L	0	GE
		Potassium	< 500		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 200		µg/L	0	GE
		Propionitrile	< 200		µg/L	0	GE
		Propionitrile	< 50		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	GE
		Selenium	< 2.0		µg/L	0	GE
		Selenium	< 2.0		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	7,520		µg/L	0	GE
		Silica	7,550		µg/L	0	GE
		Silica	6,440		µg/L	0	WA
		Silica	6,320		µg/L	0	WA
		Silver	< 2.0		µg/L	0	GE
		Silver	< 2.0		µg/L	0	GE
		Silver	< 2.0		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,140		µg/L	0	GE
		Sodium	1,130		µg/L	0	GE
		Sodium	1,080		µg/L	0	WA
		Sodium	1,080		µg/L	0	WA
		Styrene	< 1.0		µg/L	0	GE
		Styrene	< 1.0		µg/L	0	GE
		Styrene	< 5.0		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	GE
		Sulfate	< 1,000		µg/L	0	GE
		Sulfate	< 1,000		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 1.0		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	< 1.0		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 1.0		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	< 1.0		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA

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WELL LFW 43C collected on 01/06/93, laboratory analyses (cont.)

H	D	Analysis	Result	Mod	Unit	Flag	Lab
		Vanadium	< 3.0		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 1.0		µg/L	0	GE
		Vinyl acetate	< 1.0		µg/L	0	GE
		Vinyl acetate	< 1.0		µg/L	0	WA
		Vinyl acetate	< 1.0		µg/L	0	WA
		Xylenes	< 2.0		µg/L	0	GE
		Xylenes	< 2.0		µg/L	0	GE
		Xylenes	< 5.0		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	< 2.0E+00		pCi/L	0	GE
		Gross alpha	< 2.0E+00		pCi/L	0	GE
		Gross alpha	1.0E+00 ± 1.1E+00		pCi/L	0	TM
		Gross alpha	2.0E+00 ± 1.3E+00		pCi/L	0	TM
		Gross alpha	< 5.0E-01		pCi/L	0	TM
		Nonvolatile beta	< 2.0E+00		pCi/L	0	GE
		Nonvolatile beta	< 2.0E+00		pCi/L	0	GE
		Nonvolatile beta	1.2E+00 ± 1.6E+00		pCi/L	0	TM
		Nonvolatile beta	2.1E+00 ± 1.7E+00		pCi/L	0	TM
		Nonvolatile beta	< 8.0E-01		pCi/L	0	TM
		Radium-226	5.3E-01 ± 2.7E-01		pCi/L	0	TM
		Radium-226	6.1E-01 ± 2.9E-01		pCi/L	0	TM
		Radium-226	< 2.0E-01		pCi/L	0	TM
		Radium-228	1.0E+00 ± 9.0E-01		pCi/L	1	TM
		Radium-228	6.0E-01 ± 9.0E-01		pCi/L	0	TM
		Radium-228	< 3.0E-01		pCi/L	0	TM
		Total alpha-emitting radium	2.0E+00 ± 1.0E+00		pCi/L	0	GE
		Total alpha-emitting radium	1.5E+00 ± 9.0E-01		pCi/L	0	GE
		Tritium	1.6E+00 ± 3.0E-01		pCi/mL	0	GE
		Tritium	1.2E+00 ± 3.0E-01		pCi/mL	0	GE
		Tritium	2.4E+00 ± 8.1E-01		pCi/mL	0	TM
		Tritium	2.2E+00 ± 8.2E-01		pCi/mL	0	TM
		Tritium	< 4.6E-01		pCi/mL	0	TM

WELL LFW 43C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N86480.6	33.290838 °N	138.5-128.5 ft msl	202.6 ft msl	4" PVC	S	Steel Pond
E46234.9	81.715679 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 34.94 ft (10.65 m) below TOC
 Water elevation: 167.66 ft (51.10 m) msl
 Sp. conductance: 19 µS/cm
 Water evacuated before sampling: 294 gal

Time: 15:10
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 18.8°C
 Volumes purged: 11.4 well volumes

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WELL LFW 43C collected on 01/06/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<1.0		µg/L	0	GE
		Tetrachloroethylene	<1.0		µg/L	0	GE
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<1.0		µg/L	0	GE
		Toluene	<1.0		µg/L	0	GE
		Toluene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	26,000	V	µg/L	0	GE
		Total dissolved solids	19,000	V	µg/L	0	GE
		Total dissolved solids	32,000	V	µg/L	0	WA
		Total dissolved solids	24,000	V	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	GE
		Total organic carbon	<1,000		µg/L	0	GE
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	GE
		Total organic halogens	<5.0		µg/L	0	GE
		Total organic halogens	<5.0		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	GE
		Total phosphates (as P)	<50		µg/L	0	GE
		Total phosphates (as P)	<50		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<0.24		µg/L	0	GE
•		Toxaphene	<0.24	J6	µg/L	0	GE
		Toxaphene	<1.1		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
•		2,4,5-TP (Silvex)	<0.090	J6	µg/L	0	GE
•		2,4,5-TP (Silvex)	<0.090	J6	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<1.0		µg/L	0	GE
		1,1,1-Trichloroethane	<1.0		µg/L	0	GE
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<1.0		µg/L	0	GE
		1,1,2-Trichloroethane	<1.0		µg/L	0	GE
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<1.0		µg/L	0	GE
		Trichloroethylene	<1.0		µg/L	0	GE
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<1.0		µg/L	0	GE
		Trichlorofluoromethane	<1.0		µg/L	0	GE
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<1.0		µg/L	0	GE
		1,2,3-Trichloropropane	<1.0		µg/L	0	GE
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<8.0		µg/L	0	GE
		Vanadium	<8.0		µg/L	0	GE

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 43C collected on 01/06/93, laboratory analyses (cont.)

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
		Vanadium	< 3.0		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 1.0		µg/L	0	GE
		Vinyl acetate	< 1.0		µg/L	0	GE
		Vinyl acetate	< 10		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 2.0		µg/L	0	GE
		Xylenes	< 2.0		µg/L	0	GE
		Xylenes	< 5.0		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	< 2.0E+00		pCi/L	0	GE
		Gross alpha	< 2.0E+00		pCi/L	0	GE
		Gross alpha	1.0E+00 ± 1.1E+00		pCi/L	0	TM
		Gross alpha	2.0E+00 ± 1.3E+00		pCi/L	0	TM
		Gross alpha	< 5.0E-01		pCi/L	0	TM
		Nonvolatile beta	< 2.0E+00		pCi/L	0	GE
		Nonvolatile beta	< 2.0E+00		pCi/L	0	GE
		Nonvolatile beta	1.2E+00 ± 1.6E+00		pCi/L	0	TM
		Nonvolatile beta	2.1E+00 ± 1.7E+00		pCi/L	0	TM
		Nonvolatile beta	< 8.0E-01		pCi/L	0	TM
		Radium-226	5.3E-01 ± 2.7E-01		pCi/L	0	TM
		Radium-226	6.1E-01 ± 2.9E-01		pCi/L	0	TM
		Radium-226	< 2.0E-01		pCi/L	0	TM
		Radium-228	1.0E+00 ± 9.0E-01		pCi/L	1	TM
		Radium-228	6.0E-01 ± 9.0E-01		pCi/L	0	TM
		Radium-228	< 3.0E-01		pCi/L	0	TM
		Total alpha-emitting radium	2.0E+00 ± 1.0E+00		pCi/L	0	GE
		Total alpha-emitting radium	1.5E+00 ± 9.0E-01		pCi/L	0	GE
		Tritium	1.6E+00 ± 3.0E-01		pCi/mL	0	GE
		Tritium	1.2E+00 ± 3.0E-01		pCi/mL	0	GE
		Tritium	2.4E+00 ± 8.1E-01		pCi/mL	0	TM
		Tritium	2.2E+00 ± 8.2E-01		pCi/mL	0	TM
		Tritium	< 4.6E-01		pCi/mL	0	TM

WELL LFW 43C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N86480.6	33.290838 °N	138.5-128.5 ft msl	202.6 ft msl	4" PVC	S	Steel Pond
E45234.9	81.715679 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 34.94 ft (10.65 m) below TOC
 Water elevation: 167.66 ft (51.10 m) msl
 Sp. conductance: 19 µS/cm
 Water evacuated before sampling: 294 gal

Time: 15:10
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 18.8°C
 Volumes purged: 11.4 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 43D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N86443.2	33.290771 °N	170.9-150.9 ft msl	202.9 ft msl	4" PVC	S	Steel Pond
E45244.5	81.715581 °W					

FIELD MEASUREMENTS

Sample date: 01/06/93
 Depth to water: 36.38 ft (11.09 m) below TOC
 Water elevation: 166.52 ft (50.76 m) msl
 Sp. conductance: 17 μ S/cm
 Water evacuated before sampling: 110 gal

Time: 15:49
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C
 Volumes purged: 10.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.0	J	pH	0	WA
•		Specific conductance	17	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	25	J3	μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	8.5		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	609		μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	1,520		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 43D collected on 01/06/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	17		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.056		µg/L	0	WA
		Magnesium	576		µg/L	0	WA
		Manganese	8.3		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.56		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	488		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	5,320		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	968		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	28,000	V	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	1.6E+00 ± 1.2E+00		pCi/L	0	TM
		Nonvolatile beta	5.3E+00 ± 2.0E+00		pCi/L	0	TM
		Radium-226	2.6E-01 ± 2.0E-01		pCi/L	0	TM
		Radium-228	2.7E+00 ± 1.2E+00		pCi/L	1	TM
		Tritium	1.3E+00 ± 4.7E-01		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 43D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N86443.2	33.290771 °N	170.9-150.9 ft msl	202.9 ft msl	4" PVC	S	Steel Pond
E45244.5	81.715581 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 34.59 ft (10.54 m) below TOC
 Water elevation: 168.31 ft (51.30 m) msl
 Sp. conductance: 18 µS/cm
 Water evacuated before sampling: 75 gal

Time: 12:37
 pH: 5.2
 Alkalinity: 1 mg/L
 Water temperature: 19.4°C
 Volumes purged: 6.6 well volumes

WELL LFW 44D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84524.4	33.286167 °N	159.3-139.5 ft msl	170.3 ft msl	4" PVC	S	Steel Pond
E45022.6	81.712435 °W					

FIELD MEASUREMENTS

Sample date: 01/15/93
 Depth to water: 13.97 ft (4.26 m) below TOC
 Water elevation: 156.33 ft (47.65 m) msl
 Sp. conductance: 20 µS/cm
 Water evacuated before sampling: 96 gal

Time: 15:02
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 16.9°C
 Volumes purged: 8.7 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.1	J	pH	0	WA
•		Specific conductance	21	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	23	J3	µg/L	0	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	<4.0		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	421	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	2,300		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 44D collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	<10		µg/L	0	WA
		1,1-Dichloroethane	<5.0		µg/L	0	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	32		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	474	V	µg/L	0	WA
		Manganese	<2.0		µg/L	0	WA
•		Mercury	<0.20	J	µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	544		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	663	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	6,050		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,960		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
•		Total dissolved solids	12,000	J	µg/L	0	WA
•		Total dissolved solids	12,000	J	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 44D collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total organic halogens	< 5.0		µg/L	0	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.56		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	1.5E+00 ± 9.0E-01		pCi/L	0	TM
		Nonvolatile beta	3.0E+00 ± 1.6E+00		pCi/L	0	TM
		Radium-226	6.6E-01 ± 3.0E-01		pCi/L	0	TM
		Radium-228	1.6E+00 ± 8.0E-01		pCi/L	1	TM
		Tritium	2.2E+00 ± 1.0E+00		pCi/mL	0	TM

WELL LFW 44D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84524.4 E45022.6	33.286167 °N 81.712435 °W	159.3-139.5 ft msl	170.3 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 14.23 ft (4.34 m) below TOC
 Water elevation: 156.07 ft (47.57 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 96 gal

Time: 13:04
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 17.3°C
 Volumes purged: 8.8 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 45D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84217.8 E45142.0	33.285684 °N 81.711525 °W	154.7-134.7 ft msl	166.3 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/16/93
 Depth to water: 12.79 ft (3.90 m) below TOC
 Water elevation: 153.51 ft (46.79 m) msl
 Sp. conductance: 23 μ S/cm
 Water evacuated before sampling: 110 gal

Time: 13:35
 pH: 5.2
 Alkalinity: 0 mg/L
 Water temperature: 17.6°C
 Volumes purged: 8.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.1	J	pH	0	WA
•		Specific conductance	22	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	806	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	2,030		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 45D collected on 01/16/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	39		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.054		µg/L	0	WA
		Magnesium	382	V	µg/L	0	WA
		Manganese	2.3		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.54		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	189		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	521	J3	µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	4,840		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,200		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	2,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
•		Total dissolved solids	8,000	J	µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	< 5.0		µg/L	0	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	7.0E-01 ± 7.0E-01		pCi/L	0	TM
		Nonvolatile beta	2.2E+00 ± 1.5E+00		pCi/L	0	TM
		Radium-226	4.7E-01 ± 2.6E-01		pCi/L	0	TM
		Radium-228	8.0E-01 ± 8.0E-01		pCi/L	0	TM
		Tritium	1.6E+00 ± 7.2E-01		pCi/mL	0	TM

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 45D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84217.8	33.285684 °N	154.7-134.7 ft msl	166.3 ft msl	4" PVC	S	Steel Pond
E45142.0	81.711525 °W					

FIELD MEASUREMENTS

Sample date: 03/22/93	Time: 13:57
Depth to water: 13.02 ft (3.97 m) below TOC	pH: 4.9
Water elevation: 153.28 ft (46.72 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 22 µS/cm	Water temperature: 17.1°C
Water evacuated before sampling: 106 gal	Volumes purged: 8.7 well volumes

WELL LFW 46D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N84054.0	33.285356 °N	137.1-137.3 ft msl	165.1 ft msl	4" PVC	S	Steel Pond
E45162.8	81.711152 °W					

FIELD MEASUREMENTS

Sample date: 01/16/93	Time: 13:05
Depth to water: 12.95 ft (3.95 m) below TOC	pH: 5.6
Water elevation: 152.15 ft (46.38 m) msl	Alkalinity: 3 mg/L
Sp. conductance: 89 µS/cm	Water temperature: 17.6°C
Water evacuated before sampling: 206 gal	Volumes purged: 21.1 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.5	J	pH	0	WA
•		Specific conductance	91	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	<20		µg/L	0	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	12		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	7,780	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	2,660		µg/L	0	WA
		Chloride	2,670		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 46D collected on 01/16/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chlorobenzene	<5.0		µg/L	0	WA
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	1.6	J	µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	<10		µg/L	0	WA
		1,1-Dichloroethane	<5.0		µg/L	0	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.0		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<17		µg/L	0	WA
		Iron	17		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	3,420	V	µg/L	0	WA
		Manganese	4.1		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	359		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	842	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	5,200		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,340		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	28,800		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
•		Total dissolved solids	41,000	J	µg/L	0	WA
		Total organic carbon	1,320		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 46D collected on 01/16/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total organic halogens	<5.0		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	3.5E+00 ± 1.3E+00		pCi/L	0	TM
		Nonvolatile beta	6.9E+00 ± 1.9E+00		pCi/L	0	TM
		Radium-226	1.7E+00 ± 5.1E-01		pCi/L	0	TM
		Radium-228	1.7E+00 ± 1.1E+00		pCi/L	1	TM
		Radium-228	1.7E+00 ± 8.0E-01		pCi/L	1	TM
		Tritium	1.5E+00 ± 7.0E-01		pCi/mL	0	TM

WELL LFW 46D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N84054.0	33.285356 °N	157.1-137.3 ft msl	165.1 ft msl	4" PVC	S	Steel Pond
E45162.8	81.711152 °W					

FIELD MEASUREMENTS

Sample date: 03/22/93
 Depth to water: 13.28 ft (4.05 m) below TOC
 Water elevation: 151.82 ft (46.28 m) msl
 Sp. conductance: 87 µS/cm
 Water evacuated before sampling: 154 gal

Time: 14:22
 pH: 5.3
 Alkalinity: 4 mg/L
 Water temperature: 16.4°C
 Volumes purged: 16.2 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 47C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83843.9	33.284917 °N	115.8-105.7 ft msl	161.4 ft msl	4" PVC	S	Steel Pond
E45178.6	81.710702 °W					

FIELD MEASUREMENTS

Sample date: 01/15/93

Depth to water: 11.78 ft (3.59 m) below TOC

Water elevation: 149.62 ft (45.60 m) msl

Sp. conductance: 23 μ S/cm

Water evacuated before sampling: 160 gal

Time: 12:58

pH: 5.5

Alkalinity: 3 mg/L

Water temperature: 18.0°C

Volumes purged: 5.6 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.4	J	pH	0	WA
•		Specific conductance	23	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	674	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	2,240		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WEI L LFW 47C collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	10	J3	µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.056		µg/L	0	WA
		Magnesium	892	V	µg/L	0	WA
		Manganese	2.6		µg/L	0	WA
•		Mercury	< 0.20	J	µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.56		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	254		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	5,400		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,260		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
•		Total dissolved solids	11,000	J	µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	8.2		µg/L	0	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	1.2E+00 ± 8.0E-01		pCi/L	0	TM
		Nonvolatile beta	3.5E+00 ± 1.6E+00		pCi/L	0	TM
		Radium-226	1.1E+00 ± 4.2E-01		pCi/L	0	TM
		Radium-228	1.7E+00 ± 7.0E-01		pCi/L	1	TM
		Tritium	3.1E+00 ± 1.4E+00		pCi/mL	0	TM

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 47C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83943.9	33.284917 °N	115.8-105.7 ft msl	161.4 ft msl	4" PVC	S	Steel Pond
E45178.6	81.710702 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93	Time: 13:28
Depth to water: 12.04 ft (3.67 m) below TOC	pH: 5.2
Water elevation: 149.36 ft (45.53 m) msl	Alkalinity: 3 mg/L
Sp. conductance: 23 μ S/cm	Water temperature: 19.0°C
Water evacuated before sampling: 165 gal	Volumes purged: 5.8 well volumes

WELL LFW 47D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83859.3	33.284933 °N	154.7-134.9 ft msl	161.7 ft msl	4" PVC	S	Steel Pond
E45167.9	81.710760 °W					

FIELD MEASUREMENTS

Sample date: 01/15/93	Time: 13:03
Depth to water: 11.46 ft (3.49 m) below TOC	pH: 5.4
Water elevation: 150.24 ft (45.79 m) msl	Alkalinity: 1 mg/L
Sp. conductance: 24 μ S/cm	Water temperature: 16.5°C
Water evacuated before sampling: 279 gal	Volumes purged: 27.7 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.6	J	pH	0	WA
•		Specific conductance	25	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	13		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	1,470	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	1,730		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 47D collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	<10		µg/L	0	WA
		1,1-Dichloroethane	<5.0		µg/L	0	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	4.1	J3	µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.054		µg/L	0	WA
		Magnesium	691	V	µg/L	0	WA
		Manganese	2.4		µg/L	0	WA
•		Mercury	<0.20	J	µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.54		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	218		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	664	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	4,080		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	976		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	4,070		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
•		Total dissolved solids	11,000	J	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 47D collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	4.0E-01 ± 7.0E-01		pCi/L	0	TM
		Nonvolatile beta	<5.0E-01		pCi/L	0	TM
		Radium-226	<1.3E-01		pCi/L	0	TM
		Radium-228	9.0E-01 ± 8.0E-01		pCi/L	0	TM
		Tritium	1.5E+00 ± 7.0E-01		pCi/mL	0	TM

WELL LFW 47D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83859.3	33.284933 °N	154.7-134.9 ft msl	161.7 ft msl	4" PVC	S	Steel Pond
E45167.9	81.710760 °W					

FIELD MEASUREMENTS

Sample date: 03/21/93
 Depth to water: 11.89 ft (3.62 m) below TOC
 Water elevation: 149.81 ft (45.66 m) msl
 Sp. conductance: 28 µS/cm
 Water evacuated before sampling: 173 gal

Time: 13:38
 pH: 5.2
 Alkalinity: 2 mg/L
 Water temperature: 16.1 °C
 Volumes purged: 17.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.5	J	pH	0	GE
		Specific conductance	24		µS/cm	0	GE
		Acetone	<100		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	<1.0		µg/L	0	GE
		Acrolein	<20		µg/L	0	GE
		Acrylonitrile	<20		µg/L	0	GE
		Allyl chloride	<50		µg/L	0	GE
		Arsenic	<2.0		µg/L	0	GE
		Barium	14		µg/L	0	GE
		Benzene	<1.0		µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10		µg/L	0	GE
		Bromodichloromethane	<1.0		µg/L	0	GE
		Bromoform	<1.0		µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0		µg/L	0	GE
		Cadmium	<2.0		µg/L	0	GE
		Calcium	1,810	J2	µg/L	0	GE
		Carbon disulfide	<1.0		µg/L	0	GE
		Carbon tetrachloride	<1.0		µg/L	0	GE

• = exceeded hold time. ■ = exceeded final primary drinking water standard.

WELL LFW 47D collected on 03/21/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloride	1,770		µg/L	0	GE
		Chlorobenzene	< 1.0		µg/L	0	GE
		Chloroethane	< 1.0		µg/L	0	GE
		Chloroethene (Vinyl chloride)	< 1.0		µg/L	0	GE
		Chloroform	< 1.0		µg/L	0	GE
		Chloromethane (Methyl chloride)	< 1.0		µg/L	0	GE
		Chloroprene	< 200		µg/L	0	GE
		Chromium	< 4.0		µg/L	0	GE
		Copper	< 4.0		µg/L	0	GE
		Dibromochloromethane	< 1.0		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	< 1.0		µg/L	0	GE
		1,2-Dibromoethane	< 20		µg/L	0	GE
		Dibromomethane (Methylene bromide)	< 1.0		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	< 30		µg/L	0	GE
		Dichlorodifluoromethane	< 1.0		µg/L	0	GE
		1,1-Dichloroethane	< 1.0		µg/L	0	GE
		1,2-Dichloroethane	< 1.0		µg/L	0	GE
		1,1-Dichloroethylene	< 1.0		µg/L	0	GE
		trans-1,2-Dichloroethylene	< 1.0		µg/L	0	GE
		Dichloromethane (Methylene chloride)	< 1.0		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	< 0.30		µg/L	0	GE
		1,2-Dichloropropane	< 1.0		µg/L	0	GE
		cis-1,3-Dichloropropene	< 1.0		µg/L	0	GE
		trans-1,3-Dichloropropene	< 1.0		µg/L	0	GE
		Endrin	< 0.0080		µg/L	0	GE
		Ethylbenzene	< 1.0		µg/L	0	GE
		Fluoride	< 100		µg/L	0	GE
		2-Hexanone	< 1.0		µg/L	0	GE
		Iodomethane (Methyl iodide)	< 15		µg/L	0	GE
		Iron	7.8		µg/L	0	GE
		Isobutyl alcohol	< 100		µg/L	0	GE
		Lead	< 3.0		µg/L	0	GE
		Lindane	< 0.0050		µg/L	0	GE
		Magnesium	880		µg/L	0	GE
		Manganese	2.7		µg/L	0	GE
•		Mercury	< 0.20	J	µg/L	0	GE
•		Mercury	< 0.20	J	µg/L	0	GE
		Methacrylonitrile	< 50		µg/L	0	GE
		Methoxychlor	< 0.50		µg/L	0	GE
		Methyl ethyl ketone	< 1.0		µg/L	0	GE
		Methyl isobutyl ketone	< 1.0		µg/L	0	GE
		Nickel	< 4.0		µg/L	0	GE
		Nitrate-nitrite as nitrogen	150		µg/L	0	GE
		Phenols	< 5.0		µg/L	0	GE
		Potassium	582		µg/L	0	GE
		Propionitrile	< 200		µg/L	0	GE
		Selenium	< 2.0		µg/L	0	GE
		Silica	4,810		µg/L	0	GE
		Silver	< 2.0		µg/L	0	GE
		Sodium	888		µg/L	0	GE
		Styrene	< 1.0		µg/L	0	GE
		Sulfate	4,090		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	< 1.0		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	< 1.0		µg/L	0	GE
		Tetrachloroethylene	< 1.0		µg/L	0	GE
		Toluene	< 1.0		µg/L	0	GE

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 47D collected on 03/21/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total dissolved solids	28,000	V	µg/L	0	GE
		Total organic carbon	< 1,000		µg/L	0	GE
		Total organic halogens	< 5.0		µg/L	0	GE
		Toxaphene	< 0.24		µg/L	0	GE
		2,4,5-TP (Silvex)	< 0.090		µg/L	0	GE
		1,1,1-Trichloroethane	< 1.0		µg/L	0	GE
		1,1,2-Trichloroethane	< 1.0		µg/L	0	GE
		Trichloroethylene	< 1.0		µg/L	0	GE
		Trichlorofluoromethane	< 1.0		µg/L	0	GE
		1,2,3-Trichloropropane	< 1.0		µg/L	0	GE
		Vanadium	< 8.0		µg/L	0	GE
		Vinyl acetate	< 1.0		µg/L	0	GE
		Xylenes	< 2.0		µg/L	0	GE
		Gross alpha	< 2.0E+00		pCi/L	0	GE
		Nonvolatile beta	< 2.0E+00		pCi/L	0	GE
		Total alpha-emitting radium	< 1.0E+00		pCi/L	0	GE
		Tritium	< 7.0E-01		pCi/mL	0	GE

WELL LFW 48C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83877.0	33.285401 °N	118.2-108.2 ft msl	169.3 ft msl	4" PVC	S	Steel Pond
E45430.3	81.710103 °W					

FIELD MEASUREMENTS

Sample date: 01/15/93
 Depth to water: 19.37 ft (5.90 m) below TOC
 Water elevation: 149.93 ft (45.70 m) msl
 Sp. conductance: 24 µS/cm
 Water evacuated before sampling: 140 gal

Time: 12:28
 pH: 5.6
 Alkalinity: 2 mg/L
 Water temperature: 18.9°C
 Volumes purged: 5.1 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.6	J	pH	0	WA
•		Specific conductance	24	J	µS/cm	0	WA
•		Acetone	< 10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	< 20		µg/L	0	WA
		Acrolein	< 10		µg/L	0	WA
		Acrylonitrile	< 10		µg/L	0	WA
		Allyl chloride	< 100		µg/L	0	WA
		Aluminum	< 20		µg/L	0	WA
		Arsenic	< 2.0		µg/L	0	WA
		Barium	9.3		µg/L	0	WA
		Benzene	< 5.0		µg/L	0	WA
		Bromodichloromethane	< 5.0		µg/L	0	WA
		Bromoform	< 5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA
		Cadmium	< 2.0		µg/L	0	WA
		Calcium	938	V	µg/L	0	WA
		Carbon disulfide	< 5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 48C collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Chloride	2,480		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropane	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropane	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	< 4.0		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.056		µg/L	0	WA
		Magnesium	404	V	µg/L	0	WA
		Manganese	12		µg/L	0	WA
•		Mercury	< 3.0	J	µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.56		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	517		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	5,850		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	2,060		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 48C collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		Total dissolved solids	4,000	J	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	7.9		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	7.0E-01 ± 7.0E-01		pCi/L	0	TM
		Nonvolatile beta	1.3E+00 ± 1.4E+00		pCi/L	0	TM
		Radium-226	3.9E-01 ± 2.2E-01		pCi/L	0	TM
		Radium-228	6.0E-01 ± 9.0E-01		pCi/L	0	TM
		Tritium	3.5E+00 ± 1.6E+00		pCi/mL	0	TM

WELL LFW 48C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83877.0	33.285401 °N	118.2-108.2 ft msl	169.3 ft msl	4" PVC	S	Steel Pond
E45430.3	81.710103 °W					

FIELD MEASUREMENTS

Sample date: 03/24/93
 Depth to water: 19.55 ft (5.96 m) below TOC
 Water elevation: 149.75 ft (45.64 m) msl
 Sp. conductance: 25 µS/cm
 Water evacuated before sampling: 212 gal

Time: 9:24
 pH: 5.4
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C
 Volumes purged: 7.8 well volumes

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 48D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83877.5 E46443.7	33.285424 °N 81.710069 °W	155.0-134.9 ft msl	169.5 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/15/93
 Depth to water: 18.99 ft (5.79 m) below TOC
 Water elevation: 150.51 ft (45.88 m) msl
 Sp. conductance: 348 μ S/cm
 Water evacuated before sampling: 97 gal

Time: 12:14
 pH: 6.9
 Alkalinity: 169 mg/L
 Water temperature: 18.4°C
 Volumes purged: 9.5 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	6.0	J	pH	0	WA
•		Specific conductance	239	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	11		μ g/L	0	WA
		Barium	4.1	J3	μ g/L	0	WA
		Benzene	3.5	J	μ g/L	1	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	7,230	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	21,500		μ g/L	0	WA
		Chlorobenzene	29		μ g/L	2	WA
		Chloroethane	<10		μ g/L	0	WA
•		Chloroethane (Vinyl chloride)	112		μ g/L	2	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	41		μ g/L	2	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. • = exceeded final primary drinking water standard.

WELL LFW 48D collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	5.9		µg/L	0	WA
		Fluoride	207		µg/L	0	WA
		Fluoride	208		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	51,000		µg/L	2	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.054		µg/L	0	WA
		Magnesium	10,800	V	µg/L	0	WA
		Manganese	14		µg/L	0	WA
•		Mercury	< 0.20	J	µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.54		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	< 20		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	1,300		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	5,860		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	20,000		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
•		Total dissolved solids	100,000	J	µg/L	0	WA
		Total organic carbon	4,880		µg/L	0	WA
		Total organic halogens	263		µg/L	2	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	11		µg/L	0	WA
		Gross alpha	1.5E+00 ± 1.2E+00		pCi/L	0	TM
		Nonvolatile beta	7.6E+00 ± 2.1E+00		pCi/L	0	TM
		Radium-226	1.0E+00 ± 3.5E-01		pCi/L	0	TM
		Radium-228	3.9E+00 ± 1.6E+00		pCi/L	1	TM
		Tritium	7.6E+00 ± 3.5E+00		pCi/mL	0	TM

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 48D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83877.5 E45443.7	33.285424 °N 81.710069 °W	155.0-134.9 ft msl	169.5 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/24/93
 Depth to water: 19.22 ft (5.86 m) below TOC
 Water elevation: 150.28 ft (45.81 m) msl
 Sp. conductance: 348 μ S/cm
 Water evacuated before sampling: 94 gal

Time: 9:14
 pH: 6.7
 Alkalinity: 149 mg/L
 Water temperature: 18.1°C
 Volumes purged: 9.3 well volumes

WELL LFW 55C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83613.2 E45205.9	33.284451 °N 81.710181 °W	104.1-94.1 ft msl	156.4 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/15/93
 Depth to water: 8.79 ft (2.68 m) below TOC
 Water elevation: 147.61 ft (44.99 m) msl
 Sp. conductance: 28 μ S/cm
 Water evacuated before sampling: 168 gal

Time: 11:24
 pH: 5.4
 Alkalinity: 1 mg/L
 Water temperature: 17.7°C
 Volumes purged: 4.8 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.2	J	pH	0	WA
•		Specific conductance	29	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	751	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	2,510		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 55C collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	16		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	938	V	µg/L	0	WA
		Manganese	5.0		µg/L	0	WA
•		Mercury	< 0.20	J	µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	1,060		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	552	J3	µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	6,400		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	2,020		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
•		Total dissolved solids	13,000	J	µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	< 5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 55C collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	1.5E+00 ± 9.0E-01		pCi/L	0	TM
		Nonvolatile beta	< 5.0E-01		pCi/L	0	TM
		Radium-226	1.0E+00 ± 3.6E-01		pCi/L	0	TM
		Radium-228	1.9E+00 ± 7.0E-01		pCi/L	1	TM
		Tritium	2.0E+00 ± 9.7E-01		pCi/mL	0	TM

WELL LFW 55C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83613.2	33.284451 °N	104.1-94.1 ft msl	155.4 ft msl	4" PVC	S	Steel Pond
E45205.9	81.710181 °W					

FIELD MEASUREMENTS

Sample date: 03/24/93
 Depth to water: 8.94 ft (2.72 m) below TOC
 Water elevation: 147.46 ft (44.95 m) msl
 Sp. conductance: 33 µS/cm
 Water evacuated before sampling: 192 gal

Time: 11:22
 pH: 5.3
 Alkalinity: 4 mg/L
 Water temperature: 18.2°C
 Volumes purged: 5.5 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 55D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83601.3	33.284398 °N	141.4-121.2 ft msl	155.4 ft msl	4" PVC	S	Steel Pond
E45189.3	81.710202 °W					

FIELD MEASUREMENTS

Sample date: 01/15/93
 Depth to water: 7.66 ft (2.33 m) below TOC
 Water elevation: 147.74 ft (45.03 m) msl
 Sp. conductance: 26 μ S/cm
 Water evacuated before sampling: 245 gal

Time: 11:28
 pH: 5.3
 Alkalinity: 1 mg/L
 Water temperature: 16.8°C
 Volumes purged: 14.1 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.0	J	pH	0	WA
•		Specific conductance	28	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	10		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	1,300	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	2,050		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 55D collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	173		µg/L	1	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	876	V	µg/L	0	WA
		Manganese	11		µg/L	0	WA
•		Mercury	<0.20	J	µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	110		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	586	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	5,000		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,140		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
•		Total dissolved solids	6,000	J	µg/L	0	WA
•		Total dissolved solids	5,000	J	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	1.2E+00 ± 8.0E-01		pCi/L	0	TM
		Nonvolatile beta	1.7E+00 ± 1.5E+00		pCi/L	0	TM
		Radium-226	6.3E-01 ± 2.9E-01		pCi/L	0	TM
		Radium-228	<2.0E-01		pCi/L	0	TM
		Tritium	1.9E+00 ± 9.4E-01		pCi/mL	0	TM

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 55D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83601.3 E45189.3	33.284398 °N 81.710202 °W	141.4-121.2 ft msl	155.4 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/24/93	Time: 11:18
Depth to water: 7.90 ft (2.41 m) below TOC	pH: 5.1
Water elevation: 147.50 ft (44.96 m) msl	Alkalinity: 2 mg/L
Sp. conductance: 29 µS/cm	Water temperature: 17.7°C
Water evacuated before sampling: 156 gal	Volumes purged: 9.0 well volumes

WELL LFW 56D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83398.0 E45306.6	33.284140 °N 81.709498 °W	151.4-131.3 ft msl	158.1 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/15/93	Time: 10:57
Depth to water: 11.72 ft (3.57 m) below TOC	pH: 5.1
Water elevation: 146.38 ft (44.62 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 14 µS/cm	Water temperature: 16.7°C
Water evacuated before sampling: 210 gal	Volumes purged: 21.2 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.0	J	pH	0	WA
•		Specific conductance	14	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	<20		µg/L	0	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	<4.0		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	413	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	1,640		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 56D collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	< 4.0		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	370	V	µg/L	0	WA
		Manganese	< 2.0		µg/L	0	WA
•		Mercury	< 0.20	J	µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	26		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	4,320		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	847		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	1,050		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
•		Total dissolved solids	9,000	J	µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	5.5		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 56D collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	<5.0E-01		pCi/L	0	TM
		Gross alpha	<5.0E-01		pCi/L	0	TM
		Nonvolatile beta	<7.0E-01		pCi/L	0	TM
		Nonvolatile beta	8.0E-01 ± 1.5E + 00		pCi/L	0	TM
		Radium-226	<2.3E-01		pCi/L	0	TM
		Radium-226	<1.8E-01		pCi/L	0	TM
		Radium-228	<3.0E-01		pCi/L	0	TM
		Radium-228	<3.0E-01		pCi/L	0	TM
		Tritium	3.6E + 00 ± 1.1E + 00		pCi/mL	0	TM
		Tritium	3.7E + 00 ± 1.3E + 00		pCi/mL	0	TM

WELL LFW 56D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83398.0	33.284140 °N	151.4-131.3 ft msl	158.1 ft msl	4" PVC	S	Steel Pond
E45306.6	81.709498 °W					

FIELD MEASUREMENTS

Sample date: 03/24/93
 Depth to water: 12.11 ft (3.69 m) below TOC
 Water elevation: 145.99 ft (44.50 m) msl
 Sp. conductance: 18 µS/cm
 Water evacuated before sampling: 232 gal

Time: 10:54
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 16.3°C
 Volumes purged: 24.1 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 57B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83196.7 E48440.6	33.283914 °N 81.708754 °W	78.4-88.4 ft msl	165.4 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/14/93
 Depth to water: 20.90 ft (6.37 m) below TOC
 Water elevation: 144.50 ft (44.04 m) msl
 Sp. conductance: 52 μ S/cm
 Water evacuated before sampling: 220 gal

Time: 17:57
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 18.7°C
 Volumes purged: 4.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.1	J	pH	0	WA
•		Specific conductance	56	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	601		μ g/L	2	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	665	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	1,690		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	<5.0		μ g/L	0	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	7.6		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 57B collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	13	J3	µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.053		µg/L	0	WA
		Magnesium	347	V	µg/L	0	WA
		Manganese	8.0		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.53		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	452		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	8,210		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,420	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	4,520		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	50,000	V	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.0		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	1.3E+01 ± 2.6E+00		pCi/L	1	TM
		Nonvolatile beta	1.2E+01 ± 2.5E+00		pCi/L	0	TM
		Radium-226	2.8E+00 ± 6.6E-01		pCi/L	0	TM
		Radium-228	5.1E+00 ± 1.2E+00		pCi/L	1	TM
		Tritium	<5.5E-01		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 57B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83196.7 E45440.6	33.283914 °N 81.708754 °W	78.4-88.4 ft msl	165.4 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 21.16 ft (6.45 m) below TOC
 Water elevation: 144.24 ft (43.96 m) msl
 Sp. conductance: 57 μ S/cm
 Water evacuated before sampling: 240 gal

Time: 10:14
 pH: 4.0
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C
 Volumes purged: 4.8 well volumes

WELL LFW 57C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83200.1 E45411.1	33.283873 °N 81.708838 °W	117.9-107.8 ft msl	165 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/14/93
 Depth to water: 20.41 ft (6.22 m) below TOC
 Water elevation: 144.59 ft (44.07 m) msl
 Sp. conductance: 28 μ S/cm
 Water evacuated before sampling: 163 gal

Time: 17:25
 pH: 5.4
 Alkalinity: 2 mg/L
 Water temperature: 18.3°C
 Volumes purged: 6.8 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.4	J	pH	0	WA
•		Specific conductance	31	J	μ S/cm	0	WA
		Acetone	11	V	μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	22	J3	μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	4.3	J3	μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	1,000	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	2,450		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 57C collected on 01/14/93, laboratory analyses (cont.)

H	R	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	1.4	J	µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	5.7		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	6.5	J3	µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	877	V	µg/L	0	WA
		Manganese	3.4		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	940		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	5,940		µg/L	0	WA
		Silver	2.2	J3V	µg/L	0	WA
		Sodium	2,000	V	µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	84,000	V	µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 57C collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total organic halogens	11		µg/L	0	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	$3.5E+00 \pm 1.3E+00$		pCi/L	0	TM
		Nonvolatile beta	$1.8E+00 \pm 1.6E+00$		pCi/L	0	TM
		Radium-226	$8.9E-01 \pm 3.6E-01$		pCi/L	0	TM
		Radium-228	$2.1E+00 \pm 8.0E-01$		pCi/L	1	TM
		Tritium	$1.8E+00 \pm 5.5E-01$		pCi/mL	0	TM

WELL LFW 57C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83200.1	33.283873 °N	117.9-107.8 ft msl	165 ft msl	4" PVC	S	Steel Pond
E45411.1	81.708838 °W					

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 20.76 ft (6.33 m) below TOC
 Water elevation: 144.24 ft (43.96 m) msl
 Sp. conductance: 29 µS/cm
 Water evacuated before sampling: 211 gal

Time: 9:18
 pH: 5.3
 Alkalinity: 4 mg/L
 Water temperature: 18.6°C
 Volumes purged: 8.8 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 57D

SBS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83190.2	33.283861 °N	150.4-130.6 ft msl	164.8 ft msl	4" PVC	8	Steel Pond
E45417.4	81.708802 °W					

FIELD MEASUREMENTS

Sample date: 01/14/93
 Depth to water: 20.18 ft (6.15 m) below TOC
 Water elevation: 144.61 ft (44.08 m) msl
 Sp. conductance: 89 μ S/cm
 Water evacuated before sampling: 246 gal

Time: 17:35
 pH: 6.0
 Alkalinity: 19 mg/L
 Water temperature: 18.6°C
 Volumes purged: 26.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	6.0	J	pH	0	WA
•		Specific conductance	75	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	<20		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	1,550	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	6,990		μ g/L	0	WA
		Chlorobenzene	1.9	J	μ g/L	0	WA
		Chloroethane	2.3	J	μ g/L	0	WA
■		Chloroethane (Vinyl chloride)	6.2	J	μ g/L	2	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	<10		μ g/L	0	WA
		1,1-Dichloroethane	32		μ g/L	2	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	<5.0		μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LPW 57D collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	18		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.053		µg/L	0	WA
		Magnesium	3,020	V	µg/L	0	WA
		Manganese	9.4		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.53		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	< 20		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	4,590		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	6,190	V	µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	1,040		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	< 5.0		µg/L	0	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	52,000	V	µg/L	0	WA
		Total organic carbon	1,220		µg/L	0	WA
		Total organic halogens	127		µg/L	2	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	< 5.0		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
		Trichloroethylene	< 5.0		µg/L	0	WA
		Trichlorofluoromethane	< 5.0		µg/L	0	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	< 5.0		µg/L	0	WA
		Gross alpha	2.0E+00 ± 1.1E+00		pCi/L	0	TM
		Nonvolatile beta	4.0E+00 ± 1.9E+00		pCi/L	0	TM
		Radium-226	2.6E-01 ± 2.0E-01		pCi/L	0	TM
		Radium-228	2.1E+00 ± 1.0E+00		pCi/L	1	TM
		Tritium	3.3E+00 ± 9.0E-01		pCi/mL	0	TM

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WELL LFW 57D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83190.2 E46417.4	33.283861 °N 81.708802 °W	150.4-130.6 ft msl	164.8 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 20.54 ft (6.26 m) below TOC
 Water elevation: 144.26 ft (43.97 m) msl
 Sp. conductance: 54 µS/cm
 Water evacuated before sampling: 251 gal

Time: 9:31
 pH: 5.7
 Alkalinity: 24 mg/L
 Water temperature: 18.0°C
 Volumes purged: 28.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	6.1	J	pH	0	GE
		Specific conductance	60		µS/cm	0	GE
		Acetone	<100		µg/L	0	GE
		Acetone	<100		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	<1.0		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	<1.0		µg/L	0	GE
		Acrolein	<20		µg/L	0	GE
		Acrolein	<20		µg/L	0	GE
		Acrylonitrile	<20		µg/L	0	GE
		Acrylonitrile	<20		µg/L	0	GE
		Allyl chloride	<50		µg/L	0	GE
		Allyl chloride	<50		µg/L	0	GE
		Arsenic	<2.0		µg/L	0	GE
		Barium	3.8		µg/L	0	GE
		Benzene	<1.0		µg/L	0	GE
		Benzene	<1.0		µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10		µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10		µg/L	0	GE
		Bromodichloromethane	<1.0		µg/L	0	GE
		Bromodichloromethane	<1.0		µg/L	0	GE
		Bromoform	<1.0		µg/L	0	GE
		Bromoform	<1.0		µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0		µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0		µg/L	0	GE
		Cadmium	<2.0		µg/L	0	GE
		Calcium	1,520	J2	µg/L	0	GE
		Carbon disulfide	<1.0		µg/L	0	GE
		Carbon disulfide	<1.0		µg/L	0	GE
		Carbon tetrachloride	<1.0		µg/L	0	GE
		Carbon tetrachloride	<1.0		µg/L	0	GE
		Chloride	5,800		µg/L	0	GE
		Chlorobenzene	1.8		µg/L	0	GE
		Chlorobenzene	1.8		µg/L	0	GE
		Chloroethane	<1.0		µg/L	0	GE
		Chloroethane	<1.0		µg/L	0	GE
■		Chloroethene (Vinyl chloride)	5.1		µg/L	2	GE
■		Chloroethene (Vinyl chloride)	4.0		µg/L	2	GE
		Chloroform	<1.0		µg/L	0	GE
		Chloroform	<1.0		µg/L	0	GE

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WELL LFW 57D collected on 03/23/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloromethane (Methyl chloride)	< 1.0		µg/L	0	GE
		Chloromethane (Methyl chloride)	< 1.0		µg/L	0	GE
		Chloroprene	< 200		µg/L	0	GE
		Chloroprene	< 200		µg/L	0	GE
		Chromium	< 4.0		µg/L	0	GE
		Copper	< 4.0		µg/L	0	GE
		Dibromochloromethane	< 1.0		µg/L	0	GE
		Dibromochloromethane	< 1.0		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	< 1.0		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	< 1.0		µg/L	0	GE
		1,2-Dibromoethane	< 20		µg/L	0	GE
		1,2-Dibromoethane	< 20		µg/L	0	GE
		Dibromomethane (Methylene bromide)	< 1.0		µg/L	0	GE
		Dibromomethane (Methylene bromide)	< 1.0		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	< 30		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	< 30		µg/L	0	GE
		Dichlorodifluoromethane	< 1.0		µg/L	0	GE
		Dichlorodifluoromethane	< 1.0		µg/L	0	GE
		1,1-Dichloroethane	33		µg/L	2	GE
		1,1-Dichloroethane	28		µg/L	2	GE
		1,2-Dichloroethane	1.4		µg/L	0	GE
		1,2-Dichloroethane	1.5		µg/L	0	GE
		1,1-Dichloroethylene	< 1.0		µg/L	0	GE
		1,1-Dichloroethylene	< 1.0		µg/L	0	GE
		trans-1,2-Dichloroethylene	< 1.0		µg/L	0	GE
		trans-1,2-Dichloroethylene	< 1.0		µg/L	0	GE
		Dichloromethane (Methylene chloride)	< 1.0		µg/L	0	GE
		Dichloromethane (Methylene chloride)	1.3		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	< 0.30		µg/L	0	GE
		1,2-Dichloropropane	< 1.0		µg/L	0	GE
		1,2-Dichloropropane	< 1.0		µg/L	0	GE
		cis-1,3-Dichloropropene	< 1.0		µg/L	0	GE
		cis-1,3-Dichloropropene	< 1.0		µg/L	0	GE
		trans-1,3-Dichloropropene	< 1.0		µg/L	0	GE
		trans-1,3-Dichloropropene	< 1.0		µg/L	0	GE
		Endrin	< 0.0060		µg/L	0	GE
		Ethylbenzene	< 1.0		µg/L	0	GE
		Ethylbenzene	< 1.0		µg/L	0	GE
		Fluoride	< 100		µg/L	0	GE
		2-Hexanone	< 1.0		µg/L	0	GE
		2-Hexanone	< 1.0		µg/L	0	GE
		Iodomethane (Methyl iodide)	< 15		µg/L	0	GE
		Iodomethane (Methyl iodide)	< 15		µg/L	0	GE
		Iron	7.2		µg/L	0	GE
		Isobutyl alcohol	< 100		µg/L	0	GE
		Isobutyl alcohol	< 100		µg/L	0	GE
		Lead	< 3.0		µg/L	0	GE
		Lindane	< 0.0050		µg/L	0	GE
		Magnesium	2,810		µg/L	0	GE
		Manganese	9.2		µg/L	0	GE
		Mercury	< 0.20		µg/L	0	GE
		Methacrylonitrile	< 50		µg/L	0	GE
		Methacrylonitrile	< 50		µg/L	0	GE
		Methoxychlor	< 0.50		µg/L	0	GE
		Methyl ethyl ketone	< 1.0		µg/L	0	GE
		Methyl ethyl ketone	< 1.0		µg/L	0	GE

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WELL LFW 57D collected on 03/23/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Methyl isobutyl ketone	< 1.0		µg/L	0	GE
		Methyl isobutyl ketone	< 1.0		µg/L	0	GE
		Nickel	< 4.0		µg/L	0	GE
		Nitrate-nitrite as nitrogen	< 50		µg/L	0	GE
		Phenols	< 5.0		µg/L	0	GE
		Phenols	< 5.0		µg/L	0	GE
		Potassium	< 500		µg/L	0	GE
		Propionitrile	< 200		µg/L	0	GE
		Propionitrile	< 200		µg/L	0	GE
		Selenium	< 2.0		µg/L	0	GE
		Silica	5,540		µg/L	0	GE
		Silver	< 2.0		µg/L	0	GE
		Sodium	5,200		µg/L	0	GE
		Styrene	< 1.0		µg/L	0	GE
		Styrene	< 1.0		µg/L	0	GE
		Sulfate	< 1,000		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	< 1.0		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	< 1.0		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	< 1.0		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	< 1.0		µg/L	0	GE
		Tetrachloroethylene	< 1.0		µg/L	0	GE
		Tetrachloroethylene	< 1.0		µg/L	0	GE
		Toluene	< 1.0		µg/L	0	GE
		Toluene	< 1.0		µg/L	0	GE
		Total dissolved solids	36,000	V	µg/L	0	GE
		Total organic carbon	< 1,000		µg/L	0	GE
		Total organic halogens	47		µg/L	1	GE
		Toxaphene	< 0.24		µg/L	0	GE
		2,4,5-TP (Silvex)	< 0.090		µg/L	0	GE
		1,1,1-Trichloroethane	< 1.0		µg/L	0	GE
		1,1,1-Trichloroethane	< 1.0		µg/L	0	GE
		1,1,2-Trichloroethane	< 1.0		µg/L	0	GE
		1,1,2-Trichloroethane	< 1.0		µg/L	0	GE
		Trichloroethylene	< 1.0		µg/L	0	GE
		Trichloroethylene	< 1.0		µg/L	0	GE
		Trichlorofluoromethane	< 1.0		µg/L	0	GE
		Trichlorofluoromethane	< 1.0		µg/L	0	GE
		1,2,3-Trichloropropane	< 1.0		µg/L	0	GE
		1,2,3-Trichloropropane	< 1.0		µg/L	0	GE
		Vanadium	< 8.0		µg/L	0	GE
		Vinyl acetate	< 1.0		µg/L	0	GE
		Vinyl acetate	< 1.0		µg/L	0	GE
		Xylenes	< 2.0		µg/L	0	GE
		Xylenes	< 2.0		µg/L	0	GE
		Gross alpha	< 2.0E+00		pCi/L	0	GE
		Nonvolatile beta	< 2.0E+00		pCi/L	0	GE
		Total alpha-emitting radium	1.7E+00 ± 9.0E-01		pCi/L	0	GE
		Tritium	2.0E+00 ± 3.0E-01		pCi/mL	0	GE

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WELL LFW 58D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N82940.6 E45700.2	33.283771 °N 81.707573 °W	147.6-127.5 ft msl	167.6 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/14/93
 Depth to water: 24.86 ft (7.58 m) below TOC
 Water elevation: 142.74 ft (43.51 m) msl
 Sp. conductance: 76 μ S/cm
 Water evacuated before sampling: 80 gal

Time: 16:56
 pH: 4.8
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C
 Volumes purged: 8.0 well volumes

LABORATORY ANALYSES

H	Q	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.0	J	pH	0	WA
•		Specific conductance	79	J	μ S/cm	0	WA
		Acetone	< 10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	< 20		μ g/L	0	WA
		Acrolein	< 10		μ g/L	0	WA
		Acrylonitrile	< 10		μ g/L	0	WA
		Allyl chloride	< 100		μ g/L	0	WA
		Aluminum	62		μ g/L	2	WA
		Arsenic	< 2.0		μ g/L	0	WA
		Barium	7.1		μ g/L	0	WA
		Benzene	4.6	J	μ g/L	1	WA
		Bromodichloromethane	< 5.0		μ g/L	0	WA
		Bromoform	< 5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	< 10		μ g/L	0	WA
		Cadmium	< 2.0		μ g/L	0	WA
		Calcium	1,060	V	μ g/L	0	WA
		Carbon disulfide	< 5.0		μ g/L	0	WA
		Carbon tetrachloride	< 5.0		μ g/L	0	WA
		Chloride	17,100		μ g/L	0	WA
		Chlorobenzene	< 5.0		μ g/L	0	WA
		Chloroethane	3.3	J	μ g/L	0	WA
		Chloroethene (Vinyl chloride)	< 10		μ g/L	0	WA
		Chloroform	< 5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	< 10		μ g/L	0	WA
		Chloroprene	< 20		μ g/L	0	WA
		Chromium	< 4.0		μ g/L	0	WA
		Copper	< 4.0		μ g/L	0	WA
		Dibromochloromethane	< 5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		μ g/L	0	WA
		1,2-Dibromoethane	< 20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		μ g/L	0	WA
		Dichlorodifluoromethane	69		μ g/L	2	WA
		1,1-Dichloroethane	72		μ g/L	2	WA
		1,2-Dichloroethane	4.1	J	μ g/L	1	WA
		1,1-Dichloroethylene	3.5	J	μ g/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	46		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		μ g/L	0	WA

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WELL LFW 58D collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	48		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	1,160	V	µg/L	0	WA
		Manganese	11		µg/L	0	WA
		Mercury	0.54		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	210		µg/L	0	WA
		Phenols	5.8	J3	µg/L	0	WA
		Phenols	25	J3	µg/L	0	WA
		Potassium	712	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	10,700		µg/L	0	WA
		Silver	2.2	J3V	µg/L	0	WA
		Sodium	8,950	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	2.5	J	µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	57,000	V	µg/L	0	WA
		Total organic carbon	1,830		µg/L	0	WA
		Total organic halogens	464		µg/L	2	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	10		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
■		Trichloroethylene	14		µg/L	2	WA
		Trichlorofluoromethane	57		µg/L	2	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	4.7	J	µg/L	0	WA
		Gross alpha	2.8E+00 ± 1.3E+00		pCi/L	0	TM
		Nonvolatile beta	5.0E+00 ± 2.0E+00		pCi/L	0	TM
		Radium-226	8.5E-01 ± 3.6E-01		pCi/L	0	TM
		Radium-228	3.8E+00 ± 1.3E+00		pCi/L	1	TM
		Tritium	8.3E+00 ± 2.3E+00		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 58D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N82940.6 E45700.2	33.283771 °N 81.707573 °W	147.6-127.5 ft msl	167.6 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/24/93	Time: 10:23
Depth to water: 25.16 ft (7.67 m) below TOC	pH: 4.8
Water elevation: 142.44 ft (43.42 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 77 µS/cm	Water temperature: 18.8°C
Water evacuated before sampling: 84 gal	Volumes purged: 8.6 well volumes

WELL LFW 59B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83027.1 E46047.4	33.284529 °N 81.706827 °W	76.0-66.0 ft msl	168.1 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/10/93	Time: 16:32
Depth to water: 24.73 ft (7.54 m) below TOC	pH: 4.3
Water elevation: 143.37 ft (43.70 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 45 µS/cm	Water temperature: 19.5°C
Water evacuated before sampling: 197 gal	Volumes purged: 3.9 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	4.1	J	pH	0	WA
•		Specific conductance	53	J	µS/cm	0	WA
		Acetone	<10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		µg/L	0	WA
		Acrolein	<10		µg/L	0	WA
		Acrylonitrile	<10		µg/L	0	WA
		Allyl chloride	<100		µg/L	0	WA
		Aluminum	492		µg/L	2	WA
		Arsenic	<2.0		µg/L	0	WA
		Barium	4.8	J3	µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	652	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	1,640		µg/L	0	WA
		Chloride	1,630		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 59B collected on 01/10/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chlorobenzene	<5.0		µg/L	0	WA
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	<10		µg/L	0	WA
		1,1-Dichloroethane	<5.0		µg/L	0	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	5.6	V	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.0		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	16		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	344	V	µg/L	0	WA
		Manganese	11		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	7.5	J3	µg/L	0	WA
		Nitrate as nitrogen	509		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	9,280		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	1,380	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	7,600		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	16,000		µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 59B collected on 01/10/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total organic halogens	<5.0		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	1.1E+01 ± 2.5E+00		pCi/L	1	TM
		Nonvolatile beta	7.8E+00 ± 2.2E+00		pCi/L	0	TM
		Radium-226	2.5E+00 ± 6.3E-01		pCi/L	0	TM
		Radium-228	3.0E+00 ± 1.1E+00		pCi/L	1	TM
		Tritium	4.2E-01 ± 1.2E-01		pCi/mL	0	TM

WELL LFW 59B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83027.1	33.284529 °N	76.0-86.0 ft msl	168.1 ft msl	4" PVC	S	Steel Pond
E46047.4	81.706827 °W					

FIELD MEASUREMENTS

Sample date: 03/23/93
 Depth to water: 24.61 ft (7.50 m) below TOC
 Water elevation: 143.49 ft (43.74 m) msl
 Sp. conductance: 57 µS/cm
 Water evacuated before sampling: 213 gal

Time: 9:13
 pH: 4.1
 Alkalinity: 0 mg/L
 Water temperature: 19.2°C
 Volumes purged: 4.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.4	J	pH	0	GE
		Specific conductance	40		µS/cm	0	GE
		Acetone	<100		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	<1.0		µg/L	0	GE
		Acrolein	<20		µg/L	0	GE
		Acrylonitrile	<20		µg/L	0	GE
		Allyl chloride	<50		µg/L	0	GE
		Arsenic	<2.0		µg/L	0	GE
		Barium	4.7		µg/L	0	GE
		Benzene	<1.0		µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10		µg/L	0	GE
		Bromodichloromethane	<1.0		µg/L	0	GE
		Bromoform	<1.0		µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0		µg/L	0	GE
		Cadmium	<2.0		µg/L	0	GE
		Calcium	651	J2	µg/L	0	GE

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 59B collected on 03/23/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Carbon disulfide	<1.0		µg/L	0	GE
		Carbon tetrachloride	<1.0		µg/L	0	GE
		Chloride	1,600		µg/L	0	GE
		Chlorobenzene	<1.0		µg/L	0	GE
		Chloroethane	<1.0		µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0		µg/L	0	GE
		Chloroform	<1.0		µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0		µg/L	0	GE
		Chloroprene	<200		µg/L	0	GE
		Chromium	<4.0		µg/L	0	GE
		Copper	<4.0		µg/L	0	GE
		Dibromochloromethane	<1.0		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	<1.0		µg/L	0	GE
		1,2-Dibromoethane	<20		µg/L	0	GE
		Dibromomethane (Methylene bromide)	<1.0		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	<30		µg/L	0	GE
		Dichlorodifluoromethane	<1.0		µg/L	0	GE
		1,1-Dichloroethane	<1.0		µg/L	0	GE
		1,2-Dichloroethane	<1.0		µg/L	0	GE
		1,1-Dichloroethylene	<1.0		µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0		µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	0	GE
		1,2-Dichloropropane	<1.0		µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0		µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0		µg/L	0	GE
		Endrin	<0.0060		µg/L	0	GE
		Ethylbenzene	<1.0		µg/L	0	GE
		Fluoride	<100		µg/L	0	GE
		2-Hexanone	<1.0		µg/L	0	GE
		Iodomethane (Methyl iodide)	<15		µg/L	0	GE
		Iron	17		µg/L	0	GE
		Isobutyl alcohol	<100		µg/L	0	GE
		Lead	<3.0		µg/L	0	GE
		Lindane	<0.0050		µg/L	0	GE
		Magnesium	322		µg/L	0	GE
		Manganese	11		µg/L	0	GE
		Mercury	<0.20		µg/L	0	GE
		Mercury	<0.20		µg/L	0	GE
		Methacrylonitrile	<50		µg/L	0	GE
		Methoxychlor	<0.50		µg/L	0	GE
		Methyl ethyl ketone	<1.0		µg/L	0	GE
		Methyl isobutyl ketone	<1.0		µg/L	0	GE
		Nickel	7.7		µg/L	0	GE
		Nitrate-nitrite as nitrogen	520		µg/L	0	GE
		Phenols	<5.0		µg/L	0	GE
		Potassium	<500		µg/L	0	GE
		Propionitrile	<200		µg/L	0	GE
		Selenium	<2.0		µg/L	0	GE
		Silica	10,700		µg/L	0	GE
		Silver	<2.0		µg/L	0	GE
		Sodium	1,340		µg/L	0	GE
		Styrene	<1.0		µg/L	0	GE
		Sulfate	7,710		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	<1.0		µg/L	0	GE
		1,1,1,2,2-Tetrachloroethane	<1.0		µg/L	0	GE

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 598 collected on 03/23/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Tetrachloroethylene	< 1.0		µg/L	0	GE
		Toluene	< 1.0		µg/L	0	GE
		Total dissolved solids	21,000	V	µg/L	0	GE
		Total dissolved solids	27,000	V	µg/L	0	GE
		Total organic carbon	< 1,000		µg/L	0	GE
		Total organic halogens	< 5.0		µg/L	0	GE
		Toxaphene	< 0.24		µg/L	0	GE
		2,4,6-TP (Silvex)	< 0.090		µg/L	0	GE
		1,1,1-Trichloroethane	< 1.0		µg/L	0	GE
		1,1,2-Trichloroethane	< 1.0		µg/L	0	GE
		Trichloroethylene	< 1.0		µg/L	0	GE
		Trichlorofluoromethane	< 1.0		µg/L	0	GE
		1,2,3-Trichloropropane	< 1.0		µg/L	0	GE
		Vanadium	< 8.0		µg/L	0	GE
		Vinyl acetate	< 1.0		µg/L	0	GE
		Xylenes	< 2.0		µg/L	0	GE
		Gross alpha	8.3E+00 ± 2.6E+00		pCi/L	1	GE
		Nonvolatile beta	4.2E+00 ± 1.5E+00		pCi/L	0	GE
		Total alpha-emitting radium	6.6E+00 ± 1.8E+00		pCi/L	0	GE
		Tritium	< 7.0E-01		pCi/mL	0	GE

WELL LFW 59C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83011.0	33.284501 °N	110.3-100.3 ft msl	167.3 ft msl	4" PVC	S	Steel Pond
E46052.0	81.706784 °W					

FIELD MEASUREMENTS

Sample date: 01/10/93
 Depth to water: 24.22 ft (7.38 m) below TOC
 Water elevation: 143.08 ft (43.61 m) msl
 Sp. conductance: 41 µS/cm
 Water evacuated before sampling: 109 gal

Time: 16:53
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C
 Volumes purged: 3.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.8	J	pH	0	WA
•		Specific conductance	42	J	µS/cm	0	WA
		Acetone	< 10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	< 20		µg/L	0	WA
		Acrolein	< 10		µg/L	0	WA
		Acrylonitrile	< 10		µg/L	0	WA
		Allyl chloride	< 100		µg/L	0	WA
		Aluminum	< 20		µg/L	0	WA
		Arsenic	< 2.0		µg/L	0	WA
		Barium	6.3		µg/L	0	WA
		Benzene	< 5.0		µg/L	0	WA
		Bromodichloromethane	< 5.0		µg/L	0	WA
		Bromoform	< 5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 59C collected on 01/10/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Cadmium	<2.0		µg/L	0	WA
		Calcium	852	V	µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	5,990		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA
		Chloroethane	<10		µg/L	0	WA
		Chloroethane (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	11		µg/L	2	WA
		1,1-Dichloroethane	28		µg/L	2	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	2.0	J	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	47	V	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	23		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	962	V	µg/L	0	WA
		Manganese	3.4		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	863		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	7,760		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	3,240	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 59C collected on 01/10/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	1.5	J	µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	18,000		µg/L	0	WA
		Total organic carbon	1,100		µg/L	0	WA
		Total organic halogens	65		µg/L	2	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53		µg/L	0	WA
		1,1,1-Trichloroethane	1.5	J	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
■		Trichloroethylene	10		µg/L	2	WA
		Trichlorofluoromethane	13		µg/L	2	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	1.6	J	µg/L	0	WA
		Gross alpha	4.3E+00 ± 1.7E+00		pCi/L	0	TM
		Nonvolatile beta	3.3E+00 ± 1.9E+00		pCi/L	0	TM
		Radium-226	1.1E+00 ± 4.1E-01		pCi/L	0	TM
		Radium-228	1.5E+00 ± 7.0E-01		pCi/L	1	TM
■		Tritium	2.1E+01 ± 3.5E+00		pCi/mL	2	TM

WELL LFW 59C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83011.0	33.284501 °N	110.3-100.3 ft msl	167.3 ft msl	4" PVC	S	Steel Pond
E46052.0	81.706784 °W					

FIELD MEASUREMENTS

Sample date: 03/24/93
 Depth to water: 24.12 ft (7.35 m) below TOC
 Water elevation: 143.18 ft (43.64 m) msl
 Sp. conductance: 49 µS/cm
 Water evacuated before sampling: 164 gal

Time: 11:49
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.5°C
 Volumes purged: 5.8 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 59D

SNS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casina	Casina	Pump	Formation
N83000.1	33.284484 °N	149.3-129.3 ft msl	167.6 ft msl	4" PVC	S	Steel Pond
E46056.1	81.706752 °W					

FIELD MEASUREMENTS

Sample date: 01/10/93
 Depth to water: 23.95 ft (7.30 m) below TOC
 Water elevation: 143.65 ft (43.79 m) msl
 Sp. conductance: 32 µS/cm
 Water evacuated before sampling: 70 gal

Time: 16:31
 pH: 5.1
 Alkalinity: 0 mg/L
 Water temperature: 19.5°C
 Volumes purged: 7.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.9	J	pH	0	WA
•		pH	4.9	J	pH	0	WA
•		Specific conductance	33	J	µS/cm	0	WA
•		Specific conductance	33	J	µS/cm	0	WA
		Acetone	< 10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	< 20		µg/L	0	WA
		Acrolein	< 10		µg/L	0	WA
		Acrylonitrile	< 10		µg/L	0	WA
		Allyl chloride	< 100		µg/L	0	WA
		Aluminum	27	J3	µg/L	1	WA
		Arsenic	< 2.0		µg/L	0	WA
		Barium	5.2	J3	µg/L	0	WA
		Benzene	2.2	J	µg/L	0	WA
		Bromodichloromethane	< 5.0		µg/L	0	WA
		Bromoform	< 5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA
		Cadmium	< 2.0		µg/L	0	WA
		Calcium	551	V	µg/L	0	WA
		Carbon disulfide	< 5.0		µg/L	0	WA
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Chloride	4,720		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA
		Chloroethane	< 10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	74		µg/L	2	WA
		1,1-Dichloroethane	54		µg/L	2	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	4.6	J	µg/L	1	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 59D collected on 01/10/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	51	V	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	16	J3	µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.056		µg/L	0	WA
		Magnesium	621	V	µg/L	0	WA
		Manganese	8.3		µg/L	0	WA
		Mercury	0.32		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.56		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	58		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	7,960		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	2,420	V	µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	3.4	J	µg/L	1	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	21,000		µg/L	0	WA
		Total dissolved solids	22,000		µg/L	0	WA
		Total organic carbon	1,200		µg/L	0	WA
		Total organic halogens	367		µg/L	2	WA
		Total organic halogens	374		µg/L	2	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.54		µg/L	0	WA
		1,1,1-Trichloroethane	26		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
■		Trichloroethylene	33		µg/L	2	WA
		Trichlorofluoromethane	131		µg/L	2	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	3.9	J	µg/L	0	WA
		Gross alpha	1.8E+00 ± 1.2E+00		pCi/L	0	TM
		Nonvolatile beta	3.3E+00 ± 1.9E+00		pCi/L	0	TM
		Radium-226	5.8E-01 ± 3.0E-01		pCi/L	0	TM
		Radium-228	< 1.0E-01		pCi/L	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 59D collected on 01/10/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Tritium	1.1E+01 ± 2.0E+00		pCi/mL	1	TM

WELL LFW 59D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83000.1	33.284484 °N	149.3-129.3 ft msl	167.6 ft msl	4" PVC	S	Steel Pond
E48056.1	81.706752 °W					

FIELD MEASUREMENTS

Sample date: 03/24/93
 Depth to water: 23.43 ft (7.14 m) below TOC
 Water elevation: 144.17 ft (43.94 m) msl
 Sp. conductance: 37 µS/cm
 Water evacuated before sampling: 65 gal

Time: 10:36
 pH: 4.9
 Alkalinity: 0 mg/L
 Water temperature: 19.3°C
 Volumes purged: 6.7 well volumes

WELL LFW 60D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N82531.5	33.282903 °N	143.8-123.8 ft msl	157.1 ft msl	4" PVC	S	Steel Pond
E45722.3	81.706720 °W					

FIELD MEASUREMENTS

Sample date: 01/15/93
 Depth to water: 18.05 ft (5.50 m) below TOC
 Water elevation: 139.05 ft (42.38 m) msl
 Sp. conductance: 17 µS/cm
 Water evacuated before sampling: 13 gal
 The well went dry during purging.

Time: 10:22
 pH: 5.4
 Alkalinity: 2 mg/L
 Water temperature: 16.9°C
 Volumes purged: 1.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.6	J	pH	0	WA
•		Specific conductance	15	J	µS/cm	0	WA
		Acetone	< 10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	< 20		µg/L	0	WA
		Acrolein	< 10		µg/L	0	WA
		Acrylonitrile	< 10		µg/L	0	WA
		Allyl chloride	< 100		µg/L	0	WA
		Aluminum	50		µg/L	1	WA
		Arsenic	< 2.0		µg/L	0	WA
		Barium	< 4.0		µg/L	0	WA
		Benzene	< 5.0		µg/L	0	WA
		Bromodichloromethane	< 5.0		µg/L	0	WA
		Bromoform	< 5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 800 collected on 01/15/93, laboratory analyses (cont.)

H	R	Analyte	Result	Mod	Unit	Flag	Lab
		Cadmium	< 2.0		µg/L	0	WA
		Calcium	834	V	µg/L	0	WA
		Carbon disulfide	< 5.0		µg/L	0	WA
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Chloride	1,230		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA
		Chloroethane	< 10		µg/L	0	WA
		Chloroethane (Vinyl chloride)	< 10		µg/L	0	WA
		Chloroform	< 5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	< 10		µg/L	0	WA
		Chloroprene	< 20		µg/L	0	WA
		Chromium	< 4.0		µg/L	0	WA
		Copper	< 4.0		µg/L	0	WA
		Dibromochloromethane	< 5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	< 20		µg/L	0	WA
		1,2-Dibromoethane	< 20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	< 10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	< 100		µg/L	0	WA
		Dichlorodifluoromethane	< 10		µg/L	0	WA
		1,1-Dichloroethane	< 5.0		µg/L	0	WA
		1,2-Dichloroethane	< 5.0		µg/L	0	WA
		1,1-Dichloroethylene	< 5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	< 5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	< 5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	< 1.1		µg/L	0	WA
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	< 5.0		µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	55		µg/L	0	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	225	V	µg/L	0	WA
•		Manganese	12		µg/L	0	WA
		Mercury	< 0.20	J	µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	61		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	4,750		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	1,620		µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	< 1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 60D collected on 01/15/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
•		Total dissolved solids	7,000	J	µg/L	0	WA
		Total organic carbon	2,240		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	1.0E+00 ± 7.0E-01		pCi/L	0	TM
		Nonvolatile beta	1.8E+00 ± 1.6E+00		pCi/L	0	TM
		Radium-226	<2.2E-01		pCi/L	0	TM
		Radium-228	2.1E+00 ± 1.0E+00		pCi/L	1	TM
		Tritium	1.2E+00 ± 3.8E-01		pCi/mL	0	TM

WELL LFW 60D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N82531.5	33.282903 °N	143.8-123.8 ft msl	157.1 ft msl	4" PVC	S	Steel Pond
E45722.3	81.706720 °W					

FIELD MEASUREMENTS

Sample date: 03/24/93

Depth to water: 18.42 ft (5.61 m) below TOC

Water elevation: 138.68 ft (42.27 m) msl

Sp. conductance: 17 µS/cm

Water evacuated before sampling: 12 gal

The well went dry during purging.

Time: 9:48

pH: 5.5

Alkalinity: 3 mg/L

Water temperature: 18.1°C

Volumes purged: 1.2 well volumes

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 61C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83084.4	33.285378 °N	121.1-111.0 ft msl	168.3 ft msl	4" PVC	S	Steel Pond
E46489.6	81.705774 °W					

FIELD MEASUREMENTS

Sample date: 01/14/93
 Depth to water: 25.01 ft (7.62 m) below TOC
 Water elevation: 143.29 ft (43.68 m) msl
 Sp. conductance: 72 μ S/cm
 Water evacuated before sampling: 114 gal

Time: 13:20
 pH: 6.1
 Alkalinity: 28 mg/L
 Water temperature: 19.0°C
 Volumes purged: 5.4 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	6.0	J	pH	0	WA
•		Specific conductance	77	J	μ S/cm	0	WA
		Acetone	15		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	20	J3	μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	4.0	J3	μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	1,150	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	3,300		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	<4.0		μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	42		μ g/L	2	WA
		1,1-Dichloroethane	23		μ g/L	2	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	6.1		μ g/L	1	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	92		μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 61C collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	< 5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	< 5.0		µg/L	0	WA
		Endrin	< 0.11		µg/L	0	WA
		Ethylbenzene	1.3	J	µg/L	0	WA
		Fluoride	< 100		µg/L	0	WA
		2-Hexanone	< 10		µg/L	0	WA
		Iodomethane (Methyl iodide)	< 10		µg/L	0	WA
		Iron	14,500		µg/L	2	WA
		Isobutyl alcohol	< 20		µg/L	0	WA
		Lead	< 3.0		µg/L	0	WA
		Lindane	< 0.055		µg/L	0	WA
		Magnesium	1,190	V	µg/L	0	WA
		Manganese	20		µg/L	0	WA
		Mercury	< 0.20		µg/L	0	WA
		Methacrylonitrile	< 20		µg/L	0	WA
		Methoxychlor	< 0.55		µg/L	0	WA
		Methyl ethyl ketone	< 10		µg/L	0	WA
		4-Methyl-2-pentanone	< 10		µg/L	0	WA
		Nickel	< 4.0		µg/L	0	WA
		Nitrate as nitrogen	< 20		µg/L	0	WA
		Phenols	< 5.0		µg/L	0	WA
		Potassium	< 500		µg/L	0	WA
		Propionitrile	< 50		µg/L	0	WA
		Selenium	< 2.0		µg/L	0	WA
		Silica	6,150		µg/L	0	WA
		Silver	< 2.0		µg/L	0	WA
		Sodium	2,840	V	µg/L	0	WA
		Styrene	< 5.0		µg/L	0	WA
		Sulfate	1,460		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	< 10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	< 5.0		µg/L	0	WA
		Tetrachloroethylene	3.9	J	µg/L	1	WA
		Toluene	< 5.0		µg/L	0	WA
		Total dissolved solids	54,000	V	µg/L	0	WA
		Total dissolved solids	55,000	V	µg/L	0	WA
		Total organic carbon	< 1,000		µg/L	0	WA
		Total organic halogens	264		µg/L	2	WA
		Total organic halogens	256		µg/L	2	WA
		Total phosphates (as P)	< 50		µg/L	0	WA
		Toxaphene	< 1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	< 0.55		µg/L	0	WA
		1,1,1-Trichloroethane	40		µg/L	0	WA
		1,1,2-Trichloroethane	< 5.0		µg/L	0	WA
■		Trichloroethylene	7.2		µg/L	2	WA
		Trichlorofluoromethane	96		µg/L	2	WA
		1,2,3-Trichloropropane	< 10		µg/L	0	WA
		Vanadium	< 3.0		µg/L	0	WA
		Vinyl acetate	< 10		µg/L	0	WA
		Xylenes	8.5		µg/L	0	WA
		Gross alpha	< 6.0E-01		pCi/L	0	TM
		Nonvolatile beta	< 8.0E-01		pCi/L	0	TM
		Radium-226	1.3E-01 ± 1.4E-01		pCi/L	0	TM
		Radium-228	5.0E-01 ± 8.0E-01		pCi/L	0	TM
		Tritium	1.8E+00 ± 5.1E-01		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 61C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83084.4 E46489.6	33.285378 °N 81.705774 °W	121.1-111.0 ft msl	168.3 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/24/93
 Depth to water: 25.32 ft (7.72 m) below TOC
 Water elevation: 142.98 ft (43.58 m) msl
 Sp. conductance: 77 μ S/cm
 Water evacuated before sampling: 183 gal

Time: 11:56
 pH: 5.9
 Alkalinity: 20 mg/L
 Water temperature: 19.4°C
 Volumes purged: 8.7 well volumes

WELL LFW 61D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83089.1 E46471.1	33.285358 °N 81.705832 °W	150.4-130.3 ft msl	168.3 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/14/93
 Depth to water: 22.39 ft (6.82 m) below TOC
 Water elevation: 145.91 ft (44.47 m) msl
 Sp. conductance: 18 μ S/cm
 Water evacuated before sampling: 213 gal

Time: 13:27
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.0°C
 Volumes purged: 20.8 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.5	J	pH	0	WA
•		Specific conductance	15	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	32	J3	μ g/L	1	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	<4.0		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	334	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	1,900		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 61D collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	60		µg/L	2	WA
		1,1-Dichloroethane	24		µg/L	2	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	4.7		µg/L	1	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	21		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	8.8	J3	µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	472	V	µg/L	0	WA
		Manganese	<2.0		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	200		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	6,330	J3V	µg/L	0	WA
		Silver	2.9	V	µg/L	0	WA
		Sodium	1,480		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	2.8	J	µg/L	1	WA
		Toluene	<5.0		µg/L	0	WA
•		Total dissolved solids	26,000	JV	µg/L	0	WA
•		Total dissolved solids	26,000	JV	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA

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WELL LFW 61D collected on 01/14/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total organic halogens	367		µg/L	2	WA
		Total organic halogens	356		µg/L	2	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55		µg/L	0	WA
		1,1,1-Trichloroethane	21		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
■		Trichloroethylene	8.7		µg/L	2	WA
		Trichlorofluoromethane	118		µg/L	2	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	2.1E+00 ± 1.1E+00		pCi/L	0	TM
		Nonvolatile beta	1.6E+00 ± 1.6E+00		pCi/L	0	TM
		Radium-226	2.4E-01 ± 1.8E-01		pCi/L	0	TM
		Radium-228	2.2E+00 ± 9.0E-01		pCi/L	1	TM
■		Tritium	4.6E+01 ± 1.3E+01		pCi/mL	2	TM

WELL LFW 61D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83089.1	33.285358 °N	150.4-130.3 ft msl	168.3 ft msl	4" PVC	S	Steel Pond
E46471.1	81.705832 °W					

FIELD MEASUREMENTS

Sample date: 03/24/93
 Depth to water: 22.99 ft (7.01 m) below TOC
 Water elevation: 145.31 ft (44.29 m) msl
 Sp. conductance: 21 µS/cm
 Water evacuated before sampling: 140 gal

Time: 11:36
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 18.8°C
 Volumes purged: 14.2 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 62B

SBS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N83001.2 E45915.5	33.284257 °N 81.707124 °W	72.8-82.8 ft msl	164.9 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/11/93
 Depth to water: 22.13 ft (6.75 m) below TOC
 Water elevation: 142.77 ft (43.52 m) msl
 Sp. conductance: 34 μ S/cm
 Water evacuated before sampling: 369 gal

Time: 12:04
 pH: 4.7
 Alkalinity: 0 mg/L
 Water temperature: 18.9°C
 Volumes purged: 7.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	4.4	J	pH	0	GE
•		pH	4.5	J	pH	0	GE
•		pH	4.6	J	pH	0	WA
•		pH	4.7	J	pH	0	WA
		Specific conductance	35		μ S/cm	0	GE
		Specific conductance	35		μ S/cm	0	GE
•		Specific conductance	36	J	μ S/cm	0	WA
•		Specific conductance	35	J	μ S/cm	0	WA
		Acetone	<100		μ g/L	0	GE
		Acetone	<100		μ g/L	0	GE
		Acetone	<10		μ g/L	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<1.0		μ g/L	0	GE
		Acetonitrile (Methyl cyanide)	<1.0		μ g/L	0	GE
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<20		μ g/L	0	GE
		Acrolein	<20		μ g/L	0	GE
		Acrolein	<10		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<20		μ g/L	0	GE
		Acrylonitrile	<20		μ g/L	0	GE
		Acrylonitrile	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<50		μ g/L	0	GE
		Allyl chloride	<50		μ g/L	0	GE
		Allyl chloride	<100		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	297		μ g/L	2	GE
		Aluminum	836		μ g/L	2	GE
		Aluminum	411		μ g/L	2	WA
		Aluminum	1,590		μ g/L	2	WA
		Arsenic	<2.0	J1	μ g/L	0	GE
		Arsenic	<2.0	J1	μ g/L	0	GE
		Arsenic	<2.0	J1	μ g/L	0	GE
		Arsenic	<2.0		μ g/L	0	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	8.5		μ g/L	0	GE
		Barium	9.6		μ g/L	0	GE

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 62B collected on 01/11/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Barium	7.5		µg/L	0	WA
		Barium	9.6		µg/L	0	WA
		Benzene	<1.0		µg/L	0	GE
		Benzene	<1.0		µg/L	0	GE
		Benzene	<5.0		µg/L	0	WA
		Benzene	<5.0		µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<10		µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10		µg/L	0	GE
		Bromodichloromethane	<1.0		µg/L	0	GE
		Bromodichloromethane	<1.0		µg/L	0	GE
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromodichloromethane	<5.0		µg/L	0	WA
		Bromoform	<1.0		µg/L	0	GE
		Bromoform	<1.0		µg/L	0	GE
		Bromoform	<5.0		µg/L	0	WA
		Bromoform	<5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	<1.0		µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0		µg/L	0	GE
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	GE
		Cadmium	<2.0		µg/L	0	GE
		Cadmium	<2.0		µg/L	0	WA
		Cadmium	<2.0		µg/L	0	WA
		Calcium	1,120	J2	µg/L	0	GE
		Calcium	1,210	J2	µg/L	0	GE
		Calcium	817	V	µg/L	0	WA
		Calcium	784	V	µg/L	0	WA
		Carbon disulfide	<1.0		µg/L	0	GE
		Carbon disulfide	<1.0		µg/L	0	GE
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon disulfide	<5.0		µg/L	0	WA
		Carbon tetrachloride	<1.0		µg/L	0	GE
		Carbon tetrachloride	<1.0		µg/L	0	GE
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Carbon tetrachloride	<5.0		µg/L	0	WA
		Chloride	1,870		µg/L	0	GE
		Chloride	1,860		µg/L	0	GE
		Chloride	1,720		µg/L	0	WA
		Chloride	1,670		µg/L	0	WA
		Chlorobenzene	<1.0		µg/L	0	GE
		Chlorobenzene	<1.0		µg/L	0	GE
		Chlorobenzene	<5.0		µg/L	0	WA
		Chlorobenzene	<5.0		µg/L	0	WA
		Chloroethane	<1.0		µg/L	0	GE
		Chloroethane	<1.0		µg/L	0	GE
		Chloroethane	<10		µg/L	0	WA
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<1.0		µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0		µg/L	0	GE
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<1.0		µg/L	0	GE
		Chloroform	<1.0		µg/L	0	GE
		Chloroform	<5.0		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA

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WELL LFW 62B collected on 01/11/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloromethane (Methyl chloride)	<1.0		µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0		µg/L	0	GE
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<200		µg/L	0	GE
		Chloroprene	<200		µg/L	0	GE
		Chloroprene	<20		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	GE
		Chromium	<4.0		µg/L	0	GE
		Chromium	<4.0		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	GE
		Copper	<4.0		µg/L	0	GE
		Copper	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<1.0		µg/L	0	GE
		Dibromochloromethane	<1.0		µg/L	0	GE
		Dibromochloromethane	<5.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<1.0		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	<1.0		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	GE
		1,2-Dibromoethane	<20		µg/L	0	GE
		1,2-Dibromoethane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<1.0		µg/L	0	GE
		Dibromomethane (Methylene bromide)	<1.0		µg/L	0	GE
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<30		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	<30		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	<1.0		µg/L	0	GE
		Dichlorodifluoromethane	<1.0		µg/L	0	GE
		Dichlorodifluoromethane	<10		µg/L	0	WA
		Dichlorodifluoromethane	<10		µg/L	0	WA
		1,1-Dichloroethane	<1.0		µg/L	0	GE
		1,1-Dichloroethane	<1.0		µg/L	0	GE
		1,1-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethane	<5.0		µg/L	0	WA
		1,2-Dichloroethane	<1.0		µg/L	0	GE
		1,2-Dichloroethane	<1.0		µg/L	0	GE
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	<1.0		µg/L	0	GE
		1,1-Dichloroethylene	<1.0		µg/L	0	GE
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<1.0		µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0		µg/L	0	GE
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA

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WELL LFW 62B collected on 01/11/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	<1.0	JV	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	JV	µg/L	0	GE
		Dichloromethane (Methylene chloride)	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.30		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.2		µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<1.0		µg/L	0	GE
		1,2-Dichloropropane	<1.0		µg/L	0	GE
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<1.0		µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0		µg/L	0	GE
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<1.0		µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0		µg/L	0	GE
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
•		Endrin	<0.0060	J6	µg/L	0	GE
•		Endrin	<0.0060	J6	µg/L	0	GE
		Endrin	<0.11		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<1.0		µg/L	0	GE
		Ethylbenzene	<1.0		µg/L	0	GE
		Ethylbenzene	<5.0		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	GE
		Fluoride	<100		µg/L	0	GE
		Fluoride	<100		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<1.0		µg/L	0	GE
		2-Hexanone	<1.0		µg/L	0	GE
		2-Hexanone	<10		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<15		µg/L	0	GE
		Iodomethane (Methyl iodide)	<15		µg/L	0	GE
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	98		µg/L	0	GE
		Iron	275		µg/L	1	GE
		Iron	234		µg/L	1	WA
		Iron	687		µg/L	2	WA
		Isobutyl alcohol	<100		µg/L	0	GE
		Isobutyl alcohol	<100		µg/L	0	GE
		Isobutyl alcohol	<20		µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	GE
		Lead	<3.0		µg/L	0	GE
		Lead	<3.0		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
•		Lindane	<0.0050	J6	µg/L	0	GE
•		Lindane	<0.0050	J6	µg/L	0	GE

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 62B collected on 01/11/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Lindane	<0.055		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	426		µg/L	0	GE
		Magnesium	508		µg/L	0	GE
		Magnesium	435	V	µg/L	0	WA
		Magnesium	542	V	µg/L	0	WA
		Manganese	24		µg/L	0	GE
		Manganese	27		µg/L	1	GE
		Manganese	23		µg/L	0	WA
		Manganese	25		µg/L	0	WA
		Mercury	<0.20		µg/L	0	GE
		Mercury	<0.20		µg/L	0	GE
		Mercury	<0.20		µg/L	0	WA
		Mercury	<0.20		µg/L	0	WA
		Methacrylonitrile	<50		µg/L	0	GE
		Methacrylonitrile	<50		µg/L	0	GE
		Methacrylonitrile	<20		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
•		Methoxychlor	<0.50	J6	µg/L	0	GE
•		Methoxychlor	<0.50	J6	µg/L	0	GE
		Methoxychlor	<0.55		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<1.0		µg/L	0	GE
		Methyl ethyl ketone	<1.0		µg/L	0	GE
		Methyl ethyl ketone	<10		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		Methyl isobutyl ketone	<1.0		µg/L	0	GE
		Methyl isobutyl ketone	<1.0		µg/L	0	GE
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	6.5		µg/L	0	GE
		Nickel	5.7		µg/L	0	GE
		Nickel	9.1	J3	µg/L	0	WA
		Nickel	6.2	J3	µg/L	0	WA
		Nitrate as nitrogen	411		µg/L	0	WA
		Nitrate as nitrogen	389		µg/L	0	WA
		Nitrate-nitrite as nitrogen	610		µg/L	0	GE
		Nitrate-nitrite as nitrogen	710		µg/L	0	GE
		Phenols	<5.0		µg/L	0	GE
		Phenols	<5.0		µg/L	0	GE
		Phenols	<5.0		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	<500		µg/L	0	GE
		Potassium	<500		µg/L	0	GE
		Potassium	<500		µg/L	0	WA
		Potassium	<500		µg/L	0	WA
		Propionitrile	<200		µg/L	0	GE
		Propionitrile	<200		µg/L	0	GE
		Propionitrile	<50		µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0	J1	µg/L	0	GE
		Selenium	<2.0	J1	µg/L	0	GE
		Selenium	<2.0	J1	µg/L	0	GE
		Selenium	<2.0		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 62B collected on 01/11/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Silica	11,000		µg/L	0	GE
		Silica	14,400		µg/L	0	GE
		Silica	10,300		µg/L	0	WA
		Silica	15,800		µg/L	0	WA
		Silver	<2.0		µg/L	0	GE
		Silver	<2.0		µg/L	0	GE
		Silver	<2.0		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	2,040		µg/L	0	GE
		Sodium	2,260		µg/L	0	GE
		Sodium	1,960	V	µg/L	0	WA
		Sodium	2,120	V	µg/L	0	WA
		Styrene	<1.0		µg/L	0	GE
		Styrene	<1.0		µg/L	0	GE
		Styrene	<5.0		µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	9,790		µg/L	0	GE
		Sulfate	10,500		µg/L	0	GE
		Sulfate	5,800		µg/L	0	WA
		Sulfate	5,420		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<1.0		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	<1.0		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<1.0		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	<1.0		µg/L	0	GE
		Tetrachloroethylene	<1.0		µg/L	0	GE
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Tetrachloroethylene	<5.0		µg/L	0	WA
		Toluene	<1.0		µg/L	0	GE
		Toluene	<1.0		µg/L	0	GE
		Toluene	<5.0		µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	27,000		µg/L	0	GE
		Total dissolved solids	26,000		µg/L	0	GE
		Total dissolved solids	18,000	V	µg/L	0	WA
		Total dissolved solids	25,000	V	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	GE
		Total organic carbon	<1,000		µg/L	0	GE
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	GE
		Total organic halogens	<5.0		µg/L	0	GE
		Total organic halogens	<5.0		µg/L	0	WA
		Total organic halogens	<5.0		µg/L	0	WA
		Total phosphates (as P)	<50		µg/L	0	GE
		Total phosphates (as P)	<50		µg/L	0	GE
		Total phosphates (as P)	75		µg/L	0	WA
		Total phosphates (as P)	86		µg/L	0	WA
●		Toxaphene	<0.24	J6	µg/L	0	GE
●		Toxaphene	<0.24	J6	µg/L	0	GE
		Toxaphene	<1.1		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA

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WELL LFW 628 collected on 01/11/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		2,4,5-TP (Silvex)	<0.090		µg/L	0	GE
		2,4,5-TP (Silvex)	<0.090		µg/L	0	GE
		2,4,5-TP (Silvex)	<0.56		µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56		µg/L	0	WA
		1,1,1-Trichloroethane	<1.0		µg/L	0	GE
		1,1,1-Trichloroethane	<1.0		µg/L	0	GE
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<1.0		µg/L	0	GE
		1,1,2-Trichloroethane	<1.0		µg/L	0	GE
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
		Trichloroethylene	<1.0		µg/L	0	GE
		Trichloroethylene	<1.0		µg/L	0	GE
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichloroethylene	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<1.0		µg/L	0	GE
		Trichlorofluoromethane	<1.0		µg/L	0	GE
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		Trichlorofluoromethane	<5.0		µg/L	0	WA
		1,2,3-Trichloropropane	<1.0		µg/L	0	GE
		1,2,3-Trichloropropane	<1.0		µg/L	0	GE
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<8.0		µg/L	0	GE
		Vanadium	<8.0		µg/L	0	GE
		Vanadium	<3.0		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<1.0		µg/L	0	GE
		Vinyl acetate	<1.0		µg/L	0	GE
		Vinyl acetate	<10		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<2.0		µg/L	0	GE
		Xylenes	<2.0		µg/L	0	GE
		Xylenes	<5.0		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	4.5E+00 ± 1.7E+00		pCi/L	0	GE
		Gross alpha	3.7E+00 ± 1.6E+00		pCi/L	0	GE
		Gross alpha	1.4E+01 ± 3.3E+00		pCi/L	1	TM
		Gross alpha	1.2E+01 ± 3.1E+00		pCi/L	1	TM
		Nonvolatile beta	5.1E+00 ± 1.6E+00		pCi/L	0	GE
		Nonvolatile beta	4.7E+00 ± 1.5E+00		pCi/L	0	GE
		Nonvolatile beta	9.1E+00 ± 2.7E+00		pCi/L	0	TM
		Nonvolatile beta	8.6E+00 ± 2.7E+00		pCi/L	0	TM
		Radium-226	2.2E+00 ± 5.4E-01		pCi/L	0	TM
		Radium-226	2.8E+00 ± 6.6E-01		pCi/L	0	TM
		Radium-226	3.3E+00 ± 1.0E+00		pCi/L	1	TM
		Radium-226	2.5E+00 ± 1.0E+00		pCi/L	1	TM
		Total alpha-emitting radium	5.6E+00 ± 1.8E+00		pCi/L	0	GE
		Total alpha-emitting radium	4.4E+00 ± 1.5E+00		pCi/L	0	GE
		Tritium	<7.0E-01		pCi/mL	0	GE
		Tritium	<7.0E-01		pCi/mL	0	GE
		Tritium	<4.7E-01		pCi/mL	0	TM
		Tritium	5.5E-01 ± 8.0E-02		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 62B

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83001.2 E45915.5	33.284257 °N 81.707124 °W	72.6-62.8 ft msl	164.9 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/24/93	Time: 9:34
Depth to water: 22.05 ft (6.72 m) below TOC	pH: 4.5
Water elevation: 142.85 ft (43.54 m) msl	Alkalinity: 0 mg/L
Sp. conductance: 40 µS/cm	Water temperature: 19.3°C
Water evacuated before sampling: 291 gal	Volumes purged: 5.5 well volumes

WELL LFW 62C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83012.7 E45906.7	33.284268 °N 81.707169 °W	118.4-108.4 ft msl	165.5 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 01/11/93	Time: 11:39
Depth to water: 22.16 ft (6.75 m) below TOC	pH: 5.2
Water elevation: 143.34 ft (43.69 m) msl	Alkalinity: 1 mg/L
Sp. conductance: 34 µS/cm	Water temperature: 19.0°C
Water evacuated before sampling: 81 gal	Volumes purged: 3.5 well volumes

LABORATORY ANALYSES

<u>H</u>	<u>D</u>	<u>Analyte</u>	<u>Result</u>	<u>Mod</u>	<u>Unit</u>	<u>Flag</u>	<u>Lab</u>
•		pH	5.0	J	pH	0	WA
•		Specific conductance	33	J	µS/cm	0	WA
		Acetone	< 10		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	< 20		µg/L	0	WA
		Acrolein	< 10		µg/L	0	WA
		Acrylonitrile	< 10		µg/L	0	WA
		Allyl chloride	< 100		µg/L	0	WA
		Aluminum	33	J3	µg/L	1	WA
		Arsenic	< 2.0		µg/L	0	WA
		Barium	7.2		µg/L	0	WA
		Benzene	< 5.0		µg/L	0	WA
		Bromodichloromethane	< 5.0		µg/L	0	WA
		Bromoform	< 5.0		µg/L	0	WA
		Bromomethane (Methyl bromide)	< 10		µg/L	0	WA
		Cadmium	< 2.0		µg/L	0	WA
		Calcium	876	V	µg/L	0	WA
		Carbon disulfide	< 5.0		µg/L	0	WA
		Carbon tetrachloride	< 5.0		µg/L	0	WA
		Chloride	3,560		µg/L	0	WA
		Chlorobenzene	< 5.0		µg/L	0	WA

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WELL LFW 62C collected on 01/11/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Chloroethane	<10		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10		µg/L	0	WA
		Chloroform	<5.0		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10		µg/L	0	WA
		Chloroprene	<20		µg/L	0	WA
		Chromium	<4.0		µg/L	0	WA
		Copper	<4.0		µg/L	0	WA
		Dibromochloromethane	<5.0		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		µg/L	0	WA
		1,2-Dibromoethane	<20		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		µg/L	0	WA
		Dichlorodifluoromethane	9.6		µg/L	1	WA
		1,1-Dichloroethane	12		µg/L	2	WA
		1,2-Dichloroethane	<5.0		µg/L	0	WA
		1,1-Dichloroethylene	1.5	J	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		µg/L	0	WA
		Dichloromethane (Methylene chloride)	12	V	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	9.4	J3	µg/L	0	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	<3.0		µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	1,010	V	µg/L	0	WA
		Manganese	9.5		µg/L	0	WA
		Mercury	1.1		µg/L	1	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	<4.0		µg/L	0	WA
		Nitrate as nitrogen	1,480		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	719	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	8,060		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	2,590	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
		Tetrachloroethylene	2.2	J	µg/L	0	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	13,000	V	µg/L	0	WA
		Total organic carbon	<1,000		µg/L	0	WA
		Total organic halogens	58		µg/L	2	WA

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WELL LFW 62C collected on 01/11/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
■		Trichloroethylene	10		µg/L	2	WA
		Trichlorofluoromethane	5.6		µg/L	1	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	$2.2\text{E}+00 \pm 1.6\text{E}+00$		pCi/L	0	TM
		Nonvolatile beta	<7.0E-01		pCi/L	0	TM
		Radium-226	$7.3\text{E}-01 \pm 3.1\text{E}-01$		pCi/L	0	TM
		Radium-228	$1.4\text{E}+00 \pm 9.0\text{E}-01$		pCi/L	1	TM
		Tritium	$9.5\text{E}+00 \pm 1.4\text{E}+00$		pCi/mL	0	TM

WELL LFW 62C

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N83012.7	33.284268 °N	118.4-108.4 ft msl	165.5 ft msl	4" PVC	S	Steel Pond
E45906.7	81.707169 °W					

FIELD MEASUREMENTS

Sample date: 03/24/93
 Depth to water: 22.04 ft (6.72 m) below TOC
 Water elevation: 143.46 ft (43.73 m) msl
 Sp. conductance: 38 µS/cm
 Water evacuated before sampling: 75 gal

Time: 10:03
 pH: 5.0
 Alkalinity: 0 mg/L
 Water temperature: 19.6°C
 Volumes purged: 3.3 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 62D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Formation
N82991.6	33.284247 °N	147.6-127.6 ft msl	164.8 ft msl	4" PVC	S	Steel Pond
E45922.9	81.707086 °W					

FIELD MEASUREMENTS

Sample date: 01/12/93
 Depth to water: 20.89 ft (6.37 m) below TOC
 Water elevation: 143.91 ft (43.86 m) msl
 Sp. conductance: 47 μ S/cm
 Water evacuated before sampling: 11 gal
 The well went dry during purging.

Time: 9:05
 pH: 4.7
 Alkalinity: 3 mg/L
 Water temperature: 17.2°C
 Volumes purged: 1.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	Mod	Unit	Flag	Lab
•		pH	5.0	J	pH	0	WA
•		Specific conductance	41	J	μ S/cm	0	WA
		Acetone	<10		μ g/L	0	WA
		Acetonitrile (Methyl cyanide)	<20		μ g/L	0	WA
		Acrolein	<10		μ g/L	0	WA
		Acrylonitrile	<10		μ g/L	0	WA
		Allyl chloride	<100		μ g/L	0	WA
		Aluminum	144		μ g/L	2	WA
		Arsenic	<2.0		μ g/L	0	WA
		Barium	7.8		μ g/L	0	WA
		Benzene	<5.0		μ g/L	0	WA
		Bromodichloromethane	<5.0		μ g/L	0	WA
		Bromoform	<5.0		μ g/L	0	WA
		Bromomethane (Methyl bromide)	<10		μ g/L	0	WA
		Cadmium	<2.0		μ g/L	0	WA
		Calcium	763	V	μ g/L	0	WA
		Carbon disulfide	<5.0		μ g/L	0	WA
		Carbon tetrachloride	<5.0		μ g/L	0	WA
		Chloride	5,200		μ g/L	0	WA
		Chlorobenzene	<5.0		μ g/L	0	WA
		Chloroethane	<10		μ g/L	0	WA
		Chloroethene (Vinyl chloride)	<10		μ g/L	0	WA
		Chloroform	<5.0		μ g/L	0	WA
		Chloromethane (Methyl chloride)	<10		μ g/L	0	WA
		Chloroprene	<20		μ g/L	0	WA
		Chromium	<4.0		μ g/L	0	WA
		Copper	4.0	J3	μ g/L	0	WA
		Dibromochloromethane	<5.0		μ g/L	0	WA
		1,2-Dibromo-3-chloropropane	<20		μ g/L	0	WA
		1,2-Dibromoethane	<20		μ g/L	0	WA
		Dibromomethane (Methylene bromide)	<10		μ g/L	0	WA
		trans-1,4-Dichloro-2-butene	<100		μ g/L	0	WA
		Dichlorodifluoromethane	45		μ g/L	2	WA
		1,1-Dichloroethane	31		μ g/L	2	WA
		1,2-Dichloroethane	<5.0		μ g/L	0	WA
		1,1-Dichloroethylene	2.6	J	μ g/L	0	WA
		trans-1,2-Dichloroethylene	<5.0		μ g/L	0	WA
		Dichloromethane (Methylene chloride)	24	V	μ g/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1		μ g/L	0	WA

• = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 62D collected on 01/12/93, laboratory analyses (cont.)

H	D	Analyte	Result	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0		µg/L	0	WA
		Endrin	<0.11		µg/L	0	WA
		Ethylbenzene	<5.0		µg/L	0	WA
		Fluoride	<100		µg/L	0	WA
		2-Hexanone	<10		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10		µg/L	0	WA
		Iron	377		µg/L	2	WA
		Isobutyl alcohol	<20		µg/L	0	WA
		Lead	6.0	J3	µg/L	0	WA
		Lindane	<0.055		µg/L	0	WA
		Magnesium	994	V	µg/L	0	WA
		Manganese	24		µg/L	0	WA
		Mercury	0.58		µg/L	0	WA
		Methacrylonitrile	<20		µg/L	0	WA
		Methoxychlor	<0.55		µg/L	0	WA
		Methyl ethyl ketone	<10		µg/L	0	WA
		4-Methyl-2-pentanone	<10		µg/L	0	WA
		Nickel	4.0	J3	µg/L	0	WA
		Nitrate as nitrogen	493		µg/L	0	WA
		Phenols	<5.0		µg/L	0	WA
		Potassium	526	J3	µg/L	0	WA
		Propionitrile	<50		µg/L	0	WA
		Selenium	<2.0		µg/L	0	WA
		Silica	9,470		µg/L	0	WA
		Silver	<2.0		µg/L	0	WA
		Sodium	3,170	V	µg/L	0	WA
		Styrene	<5.0		µg/L	0	WA
		Sulfate	<1,000		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0		µg/L	0	WA
■		Tetrachloroethylene	6.0		µg/L	2	WA
		Toluene	<5.0		µg/L	0	WA
		Total dissolved solids	22,000	V	µg/L	0	WA
		Total organic carbon	2,190		µg/L	0	WA
		Total organic halogens	284		µg/L	2	WA
		Total organic halogens	267		µg/L	2	WA
		Total phosphates (as P)	<50		µg/L	0	WA
		Toxaphene	<1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56		µg/L	0	WA
		1,1,1-Trichloroethane	22		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0		µg/L	0	WA
■		Trichloroethylene	9.5		µg/L	2	WA
		Trichlorofluoromethane	97		µg/L	2	WA
		1,2,3-Trichloropropane	<10		µg/L	0	WA
		Vanadium	<3.0		µg/L	0	WA
		Vinyl acetate	<10		µg/L	0	WA
		Xylenes	<5.0		µg/L	0	WA
		Gross alpha	3.1E+00 ± 1.7E+00		pCi/L	0	TM
		Nonvolatile beta	2.8E+00 ± 2.1E+00		pCi/L	0	TM
		Radium-226	8.1E-01 ± 3.6E-01		pCi/L	0	TM
		Radium-228	1.6E+00 ± 9.0E-01		pCi/L	1	TM
		Tritium	4.1E+00 ± 7.3E-01		pCi/mL	0	TM

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

WELL LFW 62D

<u>SRS Coord.</u>	<u>Lat/Longitude</u>	<u>Screen Zone Elevation</u>	<u>Top of Casing</u>	<u>Casing</u>	<u>Pump</u>	<u>Formation</u>
N82991.6 E45922.9	33.284247 °N 81.707086 °W	147.6-127.6 ft msl	164.8 ft msl	4" PVC	S	Steel Pond

FIELD MEASUREMENTS

Sample date: 03/24/93
 Depth to water: 20.47 ft (6.24 m) below TOC
 Water elevation: 144.33 ft (43.99 m) msl
 Sp. conductance: 47 μ S/cm
 Water evacuated before sampling: 11 gal
 The well went dry during purging.

Time: 9:08
 pH: 5.0
 Alkalinity: 1 mg/L
 Water temperature: 17.9°C
 Volumes purged: 1.0 well volumes

● = exceeded holding time. ■ = exceeded final primary drinking water standard.

Appendix A – Final Primary Drinking Water Standards

Final Primary Drinking Water Standards

Analyte	Unit	Level	Status	Reference
Arsenic	µg/L	50	Final	CFR, 1991
Barium	µg/L	2,000	Final	CFR, 1991
Benzene	µg/L	5	Final	CFR, 1991
Bromodichloromethane	µg/L	100 ^a	Final	CFR, 1991
Bromoform	µg/L	100 ^a	Final	CFR, 1991
Cadmium	µg/L	5	Final	CFR, 1991
Carbon tetrachloride	µg/L	5	Final	CFR, 1991
Chlordane	µg/L	2	Final	CFR, 1991
Chloroethene (Vinyl chloride)	µg/L	2	Final	CFR, 1991
Chloroform	µg/L	100 ^a	Final	CFR, 1991
Chromium	µg/L	100	Final	CFR, 1991
Copper	µg/L	1,300	Final	CFR, 1991
Dibromochloromethane	µg/L	100 ^a	Final	CFR, 1991
Dibromochloropropane	µg/L	0.2	Final	CFR, 1991
1,2-Dichlorobenzene	µg/L	600	Final	CFR, 1991
1,4-Dichlorobenzene	µg/L	75	Final	CFR, 1991
1,2-Dichloroethane	µg/L	5	Final	CFR, 1991
1,1-Dichloroethylene	µg/L	7	Final	CFR, 1991
cis-1,2-Dichloroethylene	µg/L	70	Final	CFR, 1991
trans-1,2-Dichloroethylene	µg/L	100	Final	CFR, 1991
2,4-Dichlorophenoxyacetic acid	µg/L	70	Final	CFR, 1991
1,2-Dichloropropane	µg/L	5	Final	CFR, 1991
Endrin	µg/L	0.2	Final	CFR, 1991
Ethylbenzene	µg/L	700	Final	CFR, 1991
Fluoride	µg/L	4,000	Final	CFR, 1991
Gross alpha ^b	pCi/L	1.5E + 01	Final	CFR, 1991
Heptachlor	µg/L	0.4	Final	CFR, 1991
Heptachlor epoxide	µg/L	0.2	Final	CFR, 1991
Lead	µg/L	50	Final	SCDHEC, 1981
Lindane	µg/L	0.2	Final	CFR, 1991
Mercury	µg/L	2	Final	CFR, 1991
Methoxychlor	µg/L	40	Final	CFR, 1991
Nitrate as nitrogen	µg/L	10,000	Final	CFR, 1991
Nitrate-nitrite as nitrogen	µg/L	10,000	Final	CFR, 1991
Nitrite as nitrogen	µg/L	1,000	Final	CFR, 1991
Nonvolatile beta ^c	pCi/L	5E + 01	Final	EPA, 1977
PCBs ^d	µg/L	0.5	Final	CFR, 1991
Pentachlorophenol	µg/L	1	Final	CFR, 1991
Selenium	µg/L	50	Final	CFR, 1991
Strontium-89/90 ^e	pCi/L	8E + 00	Final	CFR, 1991
Strontium-90	pCi/L	8E + 00	Final	CFR, 1991
Styrene	µg/L	100	Final	CFR, 1991
Tetrachloroethylene	µg/L	5	Final	CFR, 1991
Toluene	µg/L	1,000	Final	CFR, 1991
Total radium (Radium-226 and -228)	pCi/L	5E + 00	Final	CFR, 1991
Total trihalomethanes	µg/L	100	Final	CFR, 1991
Toxaphene	µg/L	3	Final	CFR, 1991
2,4,5-TP (Silvex)	µg/L	50	Final	CFR, 1991
1,1,1-Trichloroethane	µg/L	200	Final	CFR, 1991

<u>Analyte</u>	<u>Unit</u>	<u>Level</u>	<u>Status</u>	<u>Reference</u>
Trichloroethylene	µg/L	5	Final	CFR, 1991
Tritium	pCi/mL	2E+01	Final	CFR, 1991
Xylenes	µg/L	10,000	Final	CFR, 1991

Note: The drinking water standard for lead was changed to the South Carolina Primary Drinking Water Standard of 50 µg/L fourth quarter 1992.

- a This value is the drinking water standard for total trihalomethanes (the sum of bromoform, bromodichloromethane, chloroform, and dibromochloromethane).
- b The standard given is for gross alpha including radium-226 but excluding radon and uranium.
- c This is the screening level above which providers of public drinking water should perform analyses for specific man-made radionuclides. The standard for the total dose equivalent from all such radionuclides is 4 mrem per year.
- d Analyses were conducted in 1992 for the following: PCB 1016, PCB 1221, PCB 1232, PCB 1242, PCB 1248, PCB 1254, and PCB 1260.
- e For double radionuclide analyses where each separate radionuclide has its own standard, the more stringent standard is used.

References

CFR (Code of Federal Regulations), 1991. *National Primary Drinking Water Regulations*, 40 CFR, Part 141, pp. 578-715. Washington, DC.

EPA (U.S. Environmental Protection Agency), 1977. *National Interim Primary Drinking Water Regulations*, EPA-570/9-76-003. Washington, DC.

SCDHEC (South Carolina Department of Health and Environmental Control), 1981. *State Primary Drinking Water Regulations*, R.61-58.5. Columbia, SC.

Appendix B – Flagging Criteria

Flagging Criteria

Beginning in 1991, the Savannah River Site Environmental Protection Department/ Environmental Monitoring Section modified its guidelines for flagging constituents in the Groundwater Monitoring Program. These flagging criteria are as follows:

- **Flag 2 criteria** for constituents equal the Safe Drinking Water Act (SDWA) final Primary Drinking Water Standard (PDWS), the SDWA proposed PDWS, or the SDWA Secondary Drinking Water Standard (SDWS). If a constituent does not have a drinking water standard, the Flag 2 criterion equals 10 times the method detection limit (MDL) calculated as the 90th percentile detection limit obtained recently by one of the primary analytical laboratories.
- **Flag 1 criteria** for constituents equal one-half of the final PDWS, one-half the proposed PDWS, or one-half the SDWS. If a constituent does not have a drinking water standard, the Flag 1 criterion equals 5 times the MDL calculated as the 90th percentile detection limit obtained recently by one of the primary analytical laboratories.
- **Flag 0 criteria** are assigned to constituent levels below Flag 1 criteria, constituent levels below the sample detection limits, or constituents having no flagging criteria.

The following parameters are not assigned flagging criteria: alkalinity, calcium, color, corrosivity, Eh, magnesium, odor, potassium, silica, sodium, total dissolved solids, total phosphates (as P), total phosphorus, and turbidity. In addition, common laboratory contaminants and cleaners including phthalates, methylene chloride, ketones, and toluene are not assigned flagging criteria.

Analyte	Unit	Flag 1	Flag 2	Source
Acenaphthene	µg/L	50	100	EPA Method 8270
Acenaphthylene	µg/L	50	100	EPA Method 8270
Acetone	µg/L	50	100	EPA Method 8240
Acetonitrile (Methyl cyanide)	µg/L	500	1,000	EPA Method 8240
Acetophenone	µg/L	50	100	EPA Method 8270
2-Acetylaminofluorene	µg/L	50	100	EPA Method 8270
Acrolein	µg/L	100	200	EPA Method 8240
Acrylonitrile	µg/L	100	200	EPA Method 8240
Aldrin	µg/L	2.5	5	EPA Method 8080
Alkalinity (as CaCO ₃)		No flag	No flag	Set by EPD/EMS
Allyl chloride	µg/L	250	500	EPA Method 8240
Aluminum	µg/L	25	50	Secondary DWS (CFR, 1991b)
Americium-241	pCi/L	3.17E+00	6.34E+00	Proposed DWS (EPA, 1991)
Americium-243	pCi/L	3.19E+00	6.37E+00	Proposed DWS (EPA, 1991)
4-Aminobiphenyl	µg/L	50	100	EPA Method 8270
Ammonia	µg/L	500	1,000	APHA Method 417B
Ammonia nitrogen	µg/L	50	100	EPA Method 350.1
Aniline	µg/L	50	100	EPA Method 8270
Anthracene	µg/L	50	100	EPA Method 8270
Antimony	µg/L	2.5	5	Proposed DWS (EPA, 1990)
Antimony-125	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Aramite	µg/L	50	100	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source
Arsenic	µg/L	25	50	Final DWS (CFR, 1991a)
Barium	µg/L	1,000	2,000	Final DWS (CFR, 1991a)
Barium-140	pCi/L	4.5E + 01	9E + 01	Final DWS (EPA, 1977)
Benzene	µg/L	2.5	5	Final DWS (CFR, 1991a)
alpha-Benzene hexachloride	µg/L	2.5	5	EPA Method 8080
beta-Benzene hexachloride	µg/L	2.5	5	EPA Method 8080
delta-Benzene hexachloride	µg/L	2.5	5	EPA Method 8080
Benzidine	µg/L	250	500	EPA Method 8270
Benzo[a]anthracene	µg/L	0.05	0.1	Proposed DWS (EPA, 1990)
Benzo[b]fluoranthene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Benzo[k]fluoranthene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Benzo[g,h,i]perylene	µg/L	50	100	EPA Method 8270
Benzo[a]pyrene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Benzoic acid	µg/L	250	500	EPA Method 8270
1,4-Benzoquinone	µg/L	50	100	EPA Method 8270
Benzyl alcohol	µg/L	100	200	EPA Method 8270
Beryllium	µg/L	0.5	1	Proposed DWS (EPA, 1990)
Beryllium-7	pCi/L	3E + 03	6E + 03	Final DWS (EPA, 1977)
Bis(2-chloroethoxy) methane	µg/L	50	100	EPA Method 8270
Bis(2-chloroethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-chloroisopropyl) ether	µg/L	50	100	EPA Method 8270
Bis(chloromethyl) ether	µg/L	50	100	EPA Method 8270
Bis(chloromethyl-ethyl) ether	µg/L	50	100	EPA Method 8270
Bis(2-ethylhexyl) phthalate		No flag	No flag	Set by EPD/EMS
Bromide	µg/L	5,000	10,000	EPA Method 300.0
Bromodichloromethane	µg/L	50	100	Final DWS (CFR, 1991a)
Bromoform	µg/L	50	100	Final DWS (CFR, 1991a)
Bromomethane (Methyl bromide)	µg/L	5	10	EPA Method 8240
4-Bromophenyl phenyl ether	µg/L	50	100	EPA Method 8270
2-sec-Butyl-4,6-dinitrophenol	µg/L	3.5	7	Proposed DWS (EPA, 1990)
Butylbenzyl phthalate		No flag	No flag	Set by EPD/EMS
Cadmium	µg/L	2.5	5	Final DWS (CFR, 1991a)
Calcium		No flag	No flag	Set by EPD/EMS
Carbon disulfide	µg/L	5	10	EPA Method 8240
Carbon tetrachloride	µg/L	2.5	5	Final DWS (CFR, 1991a)
Carbon-14	pCi/L	1E + 03	2E + 03	Final DWS (EPA, 1977)
Carbonate	µg/L	500	1,000	EPA Method 310.1
Cerium-141	pCi/L	1.5E + 02	3E + 02	Final DWS (EPA, 1977)
Cerium-144	pCi/L	1.31E + 02	2.61E + 02	Proposed DWS (EPA, 1991)
Cesium-134	pCi/L	4.07E + 01	8.13E + 01	Proposed DWS (EPA, 1991)
Cesium-137	pCi/L	1E + 02	2E + 02	Final DWS (EPA, 1977)
Chlordane	µg/L	1	2	Final DWS (CFR, 1991a)
Chloride	µg/L	125,000	250,000	Secondary DWS (CFR, 1991b)
4-Chloroaniline	µg/L	50	100	EPA Method 8270
Chlorobenzene	µg/L	5	10	EPA Method 8240
Chlorobenzilate	µg/L	50	100	EPA Method 8270
Chloroethane	µg/L	5	10	EPA Method 8240
Chloroethene (Vinyl chloride)	µg/L	1	2	Final DWS (CFR, 1991a)
Chloroethyl vinyl ether	µg/L	5	10	EPA Method 8240
2-Chloroethyl vinyl ether	µg/L	5	10	EPA Method 8240
Chloroform	µg/L	50	100	Final DWS (CFR, 1991a)
para-Chloro-meta-cresol	µg/L	50	100	EPA Method 8270
Chloromethane (Methyl chloride)	µg/L	5	10	EPA Method 8240
2-Chloronaphthalene	µg/L	50	100	EPA Method 8240
2-Chlorophenol	µg/L	50	100	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source
4-Chlorophenyl phenyl ether	µg/L	50	100	EPA Method 8270
Chloroprene	µg/L	1,000	2,000	EPA Method 8240
Chromium	µg/L	50	100	Final DWS (CFR, 1991a)
Chromium-51	pCi/L	3E+03	6E+03	Final DWS (EPA, 1977)
Chrysene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990)
Cobalt	µg/L	20	40	EPA Method 8010
Cobalt-57	pCi/L	5E+02	1E+03	Final DWS (EPA, 1977)
Cobalt-58	pCi/L	4.5E+03	9E+03	Final DWS (EPA, 1977)
Cobalt-60	pCi/L	5E+01	1E+02	Final DWS (EPA, 1977)
Color		No flag	No flag	Set by EPD/EMS
Copper	µg/L	650	1,300	Final DWS (CFR, 1991a)
Corrosivity		No flag	No flag	Set by EPD/EMS
m-Cresol (3-Methylphenol)	µg/L	50	100	EPA Method 8270
o-Cresol (2-Methylphenol)	µg/L	50	100	EPA Method 8270
p-Cresol (4-Methylphenol)	µg/L	50	100	EPA Method 8270
Curium-242	pCi/L	6.65E+01	1.33E+02	Proposed DWS (EPA, 1991)
Curium-243	pCi/L	4.15E+00	8.3E+00	Proposed DWS (EPA, 1991)
Curium-244	pCi/L	4.92E+00	9.84E+00	Proposed DWS (EPA, 1991)
Curium-246	pCi/L	3.14E+00	6.27E+00	Proposed DWS (EPA, 1991)
Cyanide	µg/L	100	200	Proposed DWS (EPA, 1990)
p,p'-DDD	µg/L	2.5	5	EPA Method 8080
p,p'-DDE	µg/L	2.5	5	EPA Method 8080
p,p'-DDT	µg/L	2.5	5	EPA Method 8080
Di-n-butyl phthalate		No flag	No flag	Set by EPD/EMS
Di-n-octyl phthalate		No flag	No flag	Set by EPD/EMS
Diallate	µg/L	50	100	EPA Method 8270
Dibenz[a,h]anthracene	µg/L	0.15	0.3	Proposed DWS (EPA, 1990)
Dibenzofuran	µg/L	50	100	EPA Method 8270
Dibromochloromethane	µg/L	50	100	Final DWS (CFR, 1991a)
Dibromochloropropane	µg/L	0.1	0.2	Final DWS (CFR, 1991a)
1,2-Dibromo-3-chloropropane	µg/L	250	500	EPA Method 8240
1,2-Dibromoethane	µg/L	100	200	EPA Method 8240
Dibromomethane (Methylene bromide)	µg/L	5	10	EPA Method 8240
1,2-Dichlorobenzene	µg/L	300	600	Final DWS (CFR, 1991a)
1,3-Dichlorobenzene	µg/L	50	100	EPA Method 8270
1,4-Dichlorobenzene	µg/L	37.5	75	Final DWS (CFR, 1991a)
3,3'-Dichlorobenzidine	µg/L	50	100	EPA Method 8270
trans-1,4-Dichloro-2-butene	µg/L	150	300	EPA Method 8240
Dichlorodifluoromethane	µg/L	5	10	EPA Method 8240
1,1-Dichloroethane	µg/L	5	10	EPA Method 8240
1,2-Dichloroethane	µg/L	2.5	5	Final DWS (CFR, 1991a)
cis-1,2-Dichloroethene	µg/L	35	70	Final DWS (CFR, 1991a)
1,1-Dichloroethylene	µg/L	3.5	7	Final DWS (CFR, 1991a)
1,2-Dichloroethylene	µg/L	25	50	EPA Method 8240
trans-1,2-Dichloroethylene	µg/L	50	100	Final DWS (CFR, 1991a)
Dichloromethane (Methylene chloride)		No flag	No flag	Set by EPD/EMS
2,4-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,6-Dichlorophenol	µg/L	50	100	EPA Method 8270
2,4-Dichlorophenoxyacetic acid	µg/L	35	70	Final DWS (CFR, 1991a)
1,2-Dichloropropane	µg/L	2.5	5	Final DWS (CFR, 1991a)
cis-1,3-Dichloropropene	µg/L	5	10	EPA Method 8240
trans-1,3-Dichloropropene	µg/L	5	10	EPA Method 8240
Dieldrin	µg/L	2.5	5	EPA Method 8080

Analyte	Unit	Flag 1	Flag 2	Source
Diethyl phthalate		No flag	No flag	Set by EPD/EMS
Dimethoate	µg/L	50	100	EPA Method 8270
p-Dimethylaminoazobenzene	µg/L	50	100	EPA Method 8270
p-(Dimethylamino)ethylbenzene	µg/L	50	100	EPA Method 8270
7,12-Dimethylbenz[a]anthracene	µg/L	50	100	EPA Method 8270
3,3'-Dimethylbenzidine	µg/L	50	100	EPA Method 8270
a,a-Dimethylphenethylamine	µg/L	50	100	EPA Method 8270
2,4-Dimethyl phenol	µg/L	50	100	EPA Method 8270
Dimethyl phthalate		No flag	No flag	Set by EPD/EMS
1,3-Dinitrobenzene	µg/L	50	100	EPA Method 8270
4,6-Dinitro-ortho-cresol	µg/L	250	500	EPA Method 8270
2,4-Dinitrophenol	µg/L	250	500	EPA Method 8270
2,4-Dinitrotoluene	µg/L	50	100	EPA Method 8270
2,6-Dinitrotoluene	µg/L	50	100	EPA Method 8270
1,4-Dioxane	µg/L	50	100	EPA Method 8270
Diphenylamine	µg/L	50	100	EPA Method 8270
1,2-Diphenylhydrazine	µg/L	50	100	EPA Method 8270
Dissolved organic carbon	µg/L	5,000	10,000	EPA Method 9060
Disulfoton	µg/L	50	100	EPA Method 8270
Eh		No flag	No flag	Set by EPD/EMS
alpha-Endosulfan	µg/L	50	100	EPA Method 8270
beta-Endosulfan	µg/L	50	100	EPA Method 8270
Endosulfan I	µg/L	2.5	5	EPA Method 8080
Endosulfan II	µg/L	2.5	5	EPA Method 8080
Endosulfan sulfate	µg/L	2.5	5	EPA Method 8080
Endrin	µg/L	0.1	0.2	Final DWS (CFR, 1991a)
Endrin aldehyde	µg/L	2.5	5	EPA Method 8080
Endrin ketone		No flag	No flag	Set by EPD/EMS
Ethyl methacrylate	µg/L	50	100	EPA Method 8270
Ethyl methanesulfonate	µg/L	50	100	EPA Method 8270
Ethylbenzene	µg/L	350	700	Final DWS (CFR, 1991a)
Europium-154	pCi/L	1E+02	2E+02	Final DWS (EPA, 1977)
Europium-155	pCi/L	3E+02	6E+02	Final DWS (EPA, 1977)
Famphur	µg/L	50	100	EPA Method 8270
Fluoranthene	µg/L	50	100	EPA Method 8270
Fluorene	µg/L	50	100	EPA Method 8270
Fluoride	µg/L	2,000	4,000	Final DWS (CFR, 1991a)
Gross alpha	pCi/L	7.5E+00	1.5E+01	Final DWS (CFR, 1991a)
Heptachlor	µg/L	0.2	0.4	Final DWS (CFR, 1991a)
Heptachlor epoxide	µg/L	0.1	0.2	Final DWS (CFR, 1991a)
Heptachlorodibenzo-p-dioxin isomers	µg/L	0.00325	0.0065	EPA Method 8280
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	µg/L	0.00325	0.0065	EPA Method 8280
Heptachlorodibenzo-p-furan isomers	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorobenzene	µg/L	0.5	1	Proposed DWS (EPA, 1990)
Hexachlorobutadiene	µg/L	50	100	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	25	50	Proposed DWS (EPA, 1990)
Hexachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280

Analyte	Unit	Flag 1	Flag 2	Source
1,2,3,4,7,8-Hexachlorodibenzo- p-furan	µg/L	0.002	0.004	EPA Method 8280
Hexachloroethane	µg/L	50	100	EPA Method 8270
Hexachlorophene	µg/L	250	500	EPA Method 8270
Hexachloropropene	µg/L	50	100	EPA Method 8270
2-Hexanone	µg/L	100	200	EPA Method 8240
Indeno[1,2,3-c,d]pyrene	µg/L	50	100	EPA Method 8270
Iodine	µg/L	500	1,000	EPA Method 415
Iodine-129	pCi/L	5E-01	1E+00	Final DWS (EPA, 1977)
Iodine-131	pCi/L	1.5E+00	3E+00	Final DWS (EPA, 1977)
Iodomethane (Methyl iodide)	µg/L	75	150	EPA Method 8240
Iron	µg/L	150	300	Secondary DWS (CFR, 1991b)
Iron-55	pCi/L	1E+03	2E+03	Final DWS (EPA, 1977)
Iron-59	pCi/L	1E+02	2E+02	Final DWS (EPA, 1977)
Isobutyl alcohol	µg/L	500	1,000	EPA Method 8240
Isodrin	µg/L	50	100	EPA Method 8270
Isophorone	µg/L	50	100	EPA Method 8270
Isosafrole	µg/L	50	100	EPA Method 8270
Kepone	µg/L	50	100	EPA Method 8270
Lanthanum-140	pCi/L	3E+01	6E+01	Final DWS (EPA, 1977)
Lead	µg/L	7.5	15	Final DWS (CFR, 1991a)
Lindane	µg/L	0.1	0.2	Final DWS (CFR, 1991a)
Lithium	µg/L	25	50	EPA Method 6010
Magnesium		No flag	No flag	Set by EPD/EMS
Manganese	µg/L	25	50	Secondary DWS (CFR, 1991b)
Manganese-54	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Mercury	µg/L	1	2	Final DWS (CFR, 1991a)
Methacrylonitrile	µg/L	250	500	EPA Method 8240
Methapyrilene	µg/L	50	100	EPA Method 8270
Methoxychlor	µg/L	20	40	Final DWS (CFR, 1991a)
3-Methylcholanthrene	µg/L	50	100	EPA Method 8270
2-Methyl-4,6-dinitrophenol	µg/L	250	500	EPA Method 8270
Methyl ethyl ketone		No flag	No flag	Set by EPD/EMS
Methyl isobutyl ketone		No flag	No flag	Set by EPD/EMS
Methyl methacrylate	µg/L	50	100	EPA Method 8270
Methyl methanesulfonate	µg/L	50	100	EPA Method 8270
2-Methylnaphthalene	µg/L	50	100	EPA Method 8270
Molybdenum	µg/L	250	500	EPA Method 6010
Naphthalene	µg/L	50	100	EPA Method 8270
1,4-Naphthoquinone	µg/L	50	100	EPA Method 8270
1-Naphthylamine	µg/L	50	100	EPA Method 8270
2-Naphthylamine	µg/L	50	100	EPA Method 8270
Neptunium-237	pCi/L	3.53E+00	7.06E+00	Proposed DWS (EPA, 1991)
Nickel	µg/L	50	100	Proposed DWS (EPA, 1990)
Nickel-59	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Nickel-63	pCi/L	2.5E+01	5E+01	Final DWS (EPA, 1977)
Niobium-95	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Nitrate as nitrogen	µg/L	5,000	10,000	Final DWS (CFR, 1991a)
Nitrate-nitrite as nitrogen	µg/L	5,000	10,000	Final DWS (CFR, 1991a)
Nitrite as nitrogen	µg/L	500	1,000	Final DWS (CFR, 1991a)
2-Nitroaniline	µg/L	50	100	EPA Method 8270
3-Nitroaniline	µg/L	50	100	EPA Method 8270
4-Nitroaniline	µg/L	50	100	EPA Method 8270
Nitrobenzene	µg/L	50	100	EPA Method 8270
Nitrogen by Kjeldahl method	µg/L	500	1,000	EPA Method 351.2

Analyte	Unit	Flag 1	Flag 2	Source
2-Nitrophenol	µg/L	50	100	EPA Method 8270
4-Nitrophenol	µg/L	50	100	EPA Method 8270
4-Nitroquinoline-1-oxide	µg/L	50	100	EPA Method 8270
N-Nitrosodi-n-butylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodimethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodiphenylamine	µg/L	50	100	EPA Method 8270
N-Nitrosodi-propylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomethylethylamine	µg/L	50	100	EPA Method 8270
N-Nitrosomorpholine	µg/L	50	100	EPA Method 8270
N-Nitrosopiperidine	µg/L	50	100	EPA Method 8270
N-Nitrosopyrrolidine	µg/L	50	100	EPA Method 8270
5-Nitro-o-toluidine	µg/L	50	100	EPA Method 8270
Nonvolatile beta	pCi/L	2.5E+01	5E+01	Proposed DWS (EPA, 1986)
Octachlorodibenzo-p-dioxin isomers	µg/L	0.005	0.01	EPA Method 8280
Octachlorodibenzo-p-furan isomers	µg/L	0.005	0.01	EPA Method 8280
Odor		No flag	No flag	Set by EPD/EMS
Oil & Grease	µg/L	5,000	10,000	EPA Method 413.1
Parathion	µg/L	2.5	5	EPA Method 8080
Parathion methyl	µg/L	2.5	5	EPA Method 8080
PCB 1016	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1221	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1232	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1242	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1248	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1254	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1260	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
PCB 1262	µg/L	0.25	0.5	Final DWS (CFR, 1991a)
Pentachlorobenzene	µg/L	50	100	EPA Method 8270
Pentachlorodibenzo-p-dioxin isomers	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	µg/L	0.00275	0.0055	EPA Method 8280
Pentachlorodibenzo-p-furan isomers	µg/L	0.00275	0.0055	EPA Method 8280
1,2,3,7,8-Pentachlorodibenzo-p-furan	µg/L	0.00275	0.0055	EPA Method 8280
Pentachloroethane	µg/L	50	100	EPA Method 8270
Pentachloronitrobenzene	µg/L	50	100	EPA Method 8270
Pentachlorophenol	µg/L	0.5	1	Final DWS (CFR, 1991a)
pH	pH	8	10	Set by EPD/EMS
pH	pH	4	3	Set by EPD/EMS
Phenacetin	µg/L	50	100	EPA Method 8270
Phenanthrene	µg/L	50	100	EPA Method 8270
Phenol	µg/L	50	100	EPA Method 8270
Phenols	µg/L	25	50	EPA Method 420.1
p-Phenylenediamine	µg/L	50	100	EPA Method 8270
Phorate	µg/L	2.5	5	EPA Method 8080
2-Picoline	µg/L	50	100	EPA Method 8270
Plutonium-238	pCi/L	3.51E+00	7.02E+00	Proposed DWS (EPA, 1991)
Plutonium-239	pCi/L	3.11E+01	6.21E+01	Proposed DWS (EPA, 1991)
Plutonium-239/240 ^a	pCi/L	3.11E+01	6.21E+01	Proposed DWS (EPA, 1991)
Plutonium-240	pCi/L	3.11E+01	6.22E+01	Proposed DWS (EPA, 1991)
Plutonium-241	pCi/L	3.13E+01	6.26E+01	Proposed DWS (EPA, 1991)
Plutonium-242	pCi/L	3.27E+01	6.54E+01	Proposed DWS (EPA, 1991)
Potassium		No flag	No flag	Set by EPD/EMS

Analyte	Unit	Flag 1	Flag 2	Source
Potassium-40	pCi/L	1.5E + 02	3E + 02	Proposed DWS (EPA, 1986)
Pronamid	µg/L	50	100	EPA Method 8270
Propionitrile	µg/L	1,000	2,000	EPA Method 8240
Pyrene	µg/L	50	100	EPA Method 8270
Pyridine	µg/L	50	100	EPA Method 8270
Radium-226	pCi/L	7.85E + 00	1.57E + 01	Proposed DWS (EPA, 1991)
Radium-228	pCi/L	3.93E + 00	7.85E + 00	Proposed DWS (EPA, 1991)
Radon-222	pCi/L	1.5E + 02	3E + 02	Proposed DWS (EPA, 1991)
Ruthenium-103	pCi/L	1E + 02	2E + 02	Final DWS (EPA, 1977)
Ruthenium-106	pCi/L	1.5E + 01	3E + 01	Final DWS (EPA, 1977)
Safron	µg/L	50	100	EPA Method 8270
Selenium	µg/L	25	50	Final DWS (CFR, 1991a)
Silica		No flag	No flag	Set by EPD/EMS
Silver	µg/L	25	50	Final DWS (CFR, 1991a)
Sodium		No flag	No flag	Set by EPD/EMS
Sodium-22	pCi/L	2.33E + 02	4.66E + 02	Proposed DWS (EPA, 1991)
Specific conductance	µS/cm	250	500	Set by EPD/EMS
Strontium-89	pCi/L	1E + 01	2E + 01	Final DWS (EPA, 1977)
Strontium-89/90 ^a	pCi/L	4E + 00	8E + 00	Final DWS (CFR, 1991a)
Strontium-90	pCi/L	4E + 00	8E + 00	Final DWS (CFR, 1991a)
Styrene	µg/L	50	100	Final DWS (CFR, 1991a)
Sulfate	µg/L	200,000	400,000	Proposed DWS (EPA, 1990)
Sulfide	µg/L	5,000	10,000	EPA Method 9030
Sulfotep	µg/L	50	100	EPA Method 8270
Surfactants		No flag	No flag	Set by EPD/EMS
2,3,7,8-TCDD	µg/L	0.00225	0.0045	EPA Method 8280
2,3,7,8-TCDF	µg/L	0.002	0.004	EPA Method 8280
Technetium-99	pCi/L	4.5E + 02	9E + 02	Final DWS (EPA, 1977)
1,2,4,5-Tetrachlorobenzene	µg/L	50	100	EPA Method 8270
Tetrachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280
Tetrachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280
1,1,1,2-Tetrachloroethane	µg/L	5	10	EPA Method 8240
1,1,2,2-Tetrachloroethane	µg/L	5	10	EPA Method 8240
Tetrachloroethylene	µg/L	2.5	5	Final DWS (CFR, 1991a)
2,3,4,6-Tetrachlorophenol	µg/L	50	100	EPA Method 8270
Tetraethyl dithiopyrophosphate	µg/L	50	100	EPA Method 8270
Thallium	µg/L	0.5	1	Proposed DWS (EPA, 1990)
Thionazin	µg/L	50	100	EPA Method 8270
Thorium-228	pCi/L	6.25E + 01	1.25E + 02	Proposed DWS (EPA, 1991)
Thorium-230	pCi/L	3.96E + 01	7.92E + 01	Proposed DWS (EPA, 1991)
Thorium-232	pCi/L	4.4E + 01	8.8E + 01	Proposed DWS (EPA, 1991)
Thorium-234	pCi/L	2E + 02	4.01E + 02	Proposed DWS (EPA, 1991)
Tin	µg/L	10	20	EPA Method 282.2
Tin-113	pCi/L	1.5E + 02	3E + 02	Final DWS (EPA, 1977)
Toluene	µg/L	500	1,000	Final DWS (CFR, 1991a)
o-Toluidine	µg/L	50	100	EPA Method 8270
Total carbon	µg/L	5,000	10,000	EPA Method 9060
Total dissolved solids		No flag	No flag	Set by EPD/EMS
Total hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total inorganic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic carbon	µg/L	5,000	10,000	EPA Method 9060
Total organic halogens	µg/L	25	50	EPA Method 9020
Total organic nitrogen	µg/L	500	1,000	EPA Method 420

Analyte	Unit	Flag 1	Flag 2	Source
Total petroleum hydrocarbons	µg/L	5,000	10,000	EPA Method 418.1
Total phosphates (as P)		No flag	No flag	Set by EPD/EMS
Total phosphorus		No flag	No flag	Set by EPD/EMS
Total radium	pCi/L	2.5E+00	5E+00	Final DWS (CFR, 1991a)
Total silica	µg/L	500	1,000	EPA Method 6010
Total trihalomethanes	µg/L	50	100	Final DWS (CFR, 1991a)
Toxaphene	µg/L	1.5	3	Final DWS (CFR, 1991a)
2,4,5-TP (Silvex)	µg/L	25	50	Final DWS (CFR, 1991a)
Tributyl phosphate	µg/L	50	100	EPA Method 8270
1,2,4-Trichlorobenzene	µg/L	4.5	9	Proposed DWS (EPA, 1990)
1,1,1-Trichloroethane	µg/L	100	200	Final DWS (CFR, 1991a)
1,1,2-Trichloroethane	µg/L	2.5	5	Proposed DWS (EPA, 1990)
Trichloroethylene	µg/L	2.5	5	Final DWS (CFR, 1991a)
Trichlorofluoromethane	µg/L	5	10	EPA Method 8240
2,4,5-Trichlorophenol	µg/L	50	100	EPA Method 8270
2,4,6-Trichlorophenol	µg/L	50	100	EPA Method 8270
2,4,5-Trichlorophenoxyacetic acid	µg/L	2.5	5	EPA Method 8150
1,2,3-Trichloropropane	µg/L	5	10	EPA Method 8240
O,O,O-Triethyl phosphorothioate	µg/L	50	100	EPA Method 8270
1,3,5-Trinitrobenzene	µg/L	50	100	EPA Method 8270
Tritium	pCi/mL	1E+01	2E+01	Final DWS (CFR, 1991a)
Turbidity		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed DWS (EPA, 1991)
Uranium alpha activity	pCi/L	1.5E+01	3E+01	Proposed DWS (EPA, 1991)
Uranium-233/234 ^a	pCi/L	6.9E-00	1.38E+01	Proposed DWS (EPA, 1991)
Uranium-234	pCi/L	6.95E+00	1.39E+01	Proposed DWS (EPA, 1991)
Uranium-235	pCi/L	7.25E+00	1.45E+01	Proposed DWS (EPA, 1991)
Uranium-238	pCi/L	7.3E+00	1.46E+01	Proposed DWS (EPA, 1991)
Vanadium	µg/L	50	100	EPA Method 6010
Vinyl acetate	µg/L	5	10	EPA Method 8240
Xylenes	µg/L	5,000	10,000	Final DWS (CFR, 1991a)
Zinc	µg/L	2,500	5,000	Secondary DWS (CFR, 1991b)
Zinc-65	pCi/L	1.5E+02	3E+02	Final DWS (EPA, 1977)
Zirconium-95	pCi/L	1E+02	2E+02	Final DWS (EPA, 1977)
Zirconium/Niobium-95 ^a	pCi/L	1E+02	2E+02	Final DWS (EPA, 1977)

^a For double radionuclide analyses where each separate radionuclide has its own standard, the more stringent standard is used.

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