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SANITARY LANDFILL GROUNDWATER MONITORING REPORT (U)

THIRD QUARTER 1994

Publication Date: November 1994

Authorized Derivative Classifier:

UNCLASSIFIED
Does Not Contain Unclassified
Controlled Nuclear Information

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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Elizabeth H. Tapp 11/23/94

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Key Words

chloroethene (vinyl chloride)
LFW wells
tetrachloroethylene
trichloroethylene
tritium

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Third Quarter 1994 Data Review

This report contains analytical data for samples taken during third quarter 1994 from wells of the LFW series located at the Sanitary Landfill at the Savannah River Site (SRS). 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 PDWS for lead (Appendix A), or the SRS flagging criteria (Appendix B).

Key to Reading the Tables

The following abbreviations may appear in the data tables:

Constituents

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
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
Sp. conductance	specific conductance
TCDD	tetrachlorodibenzo-p-dioxin
TCDF	tetrachlorodibenzo-p-furan

Laboratories

CN	Clemson Technical Center, Inc.
EM	Environmental Protection Department/ Environmental Monitoring Section (EPD/EMS) Laboratory
GE and GP	General Engineering Laboratories
SC	Savannah River Technology Center
SP	Spencer Testing Services, Inc.
TM	TMA/Eberline
WA and WS	Roy F. Weston, Inc.

Sampling Codes

B	blank sample was collected
C	well was pumping continuously
D	well was dry
E	equipment blank was collected
I	well went dry during sampling; insufficient water to collect all samples

L	well went dry before sampling began; only depth to water can be determined
P	inaccessibility or mechanical failure prevented sample collection and field analysis of the water
S	no water in standpipe; for water level events only
X	well went dry during purging; samples collected after well recovered

Sampling Methods

B	sample collected using an open-bucket bailer
P	sample collected using a bladder pump
S	sample collected using a single-speed centrifugal downhole pump
V	sample collected using a variable-speed pump

Units

E	exponential notation (e.g., 1.1E–09 = 1.1×10^{-9} = 0.0000000011)
mg/L	milligrams per liter
msl	mean sea level
MSL	million structures per liter
NTU	turbidity unit
pCi/L	picocuries per liter
pCi/mL	picocuries per milliliter
pH	pH unit
µg/L	micrograms per liter
µS/cm	microsiemens per centimeter

Other

CS	carbon steel
D	primary drinking water standard (PDWS) column in data tables
GS	groundwater protection standard column in data tables
H	holding time column in data tables
Mod	modifier column in data tables
PDWS	primary drinking water standard
PVC	polyvinyl chloride
TOC	top of casing

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 bullet (•) in the *H* (holding time) column indicates that holding time was exceeded. Analyses performed beyond holding times 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 always will exceed it.

The laboratory procedure used for the determination of specific conductance allows one day to elapse between sampling and analysis. Thus, laboratory specific conductance measurements may exceed the holding time criterion.

Data Rounding

Constituent results in analytical results tables that appear to equal the final PDWS but are not marked in the *D* (exceeded the final PDWS or screening level) column are below the final PDWS in the database. Values stored in the database contain more significant digits than the reported results. Apparent discrepancies in the tables are due to the rounding of reported results.

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 the Environmental Protection Department/Environmental Monitoring Section and provided to the primary laboratories are defined below. These modifiers appear in the data tables under the column *Mod*. The lettered modifiers are based on EPA's STORET codes.

Result modifier	
(Blank)	Data are not qualified. Numbers should be interpreted exactly as reported.
A	Value reported is the mean of two or more determinations.
I	The value in the result field is the instrument reading, not the sample quantification limit. Always used with the result qualifier *U*.
J	Value is estimated because quantitation in the sample or in associated quality control samples did not meet specifications.
L	Value is off-scale high. The actual value is not known but is known to be greater than the value shown.
M	Presence of the analyte is verified but not quantified.
R	Result was rejected because performance requirements in the sample analysis or associated quality control analyses were not met.
T	Analyte was not detected; if present, it was below the criteria for detection.
U	Material analyzed for but not detected. Analytical result reported is less than the sample quantitation limit.
V	Analyte was detected in an associated method blank.
Y	Result was obtained from an unpreserved or improperly preserved sample. Data may not be accurate.

Result modifier	
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.
4	Result is associated with QA results indicating matrix interference.
6	The associated result is from a reanalysis performed out of holding time due to problems with an earlier analysis.

Table 1. Groundwater Monitoring Results for Individual Wells

WELL LFW 6

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

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 17.56 ft (5.35 m) below TOC
Water elevation: 154.14 ft (46.98 m) msl
Sp. conductance: 343 µS/cm
Turbidity: 0.5 NTU
Water evacuated before sampling: 134 gal

Time: 9:27
pH: 5.9
Alkalinity: 34 mg/L
Water temperature: 18.2 °C

Volumes purged: 15.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	6.3	1	JY	pH	0	WA
		Specific conductance	306	1	Y	µS/cm	1	WA
		Acetone	<67	1	JVY	µg/L	0	WA
		Acetone	<67	1	JVY	µg/L	0	WA
		Acetone	<67	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	5.7	1	Y	µg/L	0	WA
		Arsenic, total recoverable	6.1	1	Y	µg/L	0	WA
		Barium, total recoverable	16	1	Y	µg/L	0	WA
		Barium, total recoverable	15	1	Y	µg/L	0	WA
		Benzene	2.4	1	JY	µg/L	0	WA
		Benzene	2.3	1	JY	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	7,130	1	Y	µg/L	0	WA
		Calcium, total recoverable	6,870	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 6 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	17,500	10	Y	µg/L	0	WA
		Chlorobenzene	1.8	1	JY	µg/L	0	WA
		Chlorobenzene	2.1	1	JY	µg/L	0	WA
		Chloroethane	3.1	1	JY	µg/L	0	WA
		Chloroethane	3.5	1	JY	µg/L	0	WA
		Chloroethane	3.2	1	JY	µg/L	0	WA
	■	Chloroethene (Vinyl chloride)	4.0	1	JY	µg/L	2	WA
	■	Chloroethene (Vinyl chloride)	4.3	1	JY	µg/L	2	WA
	■	Chloroethene (Vinyl chloride)	3.9	1	JY	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	10	1	Y	µg/L	0	WA
		Copper, total recoverable	10	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	1.6	1	JY	µg/L	0	WA
		Dichlorodifluoromethane	1.8	1	JY	µg/L	0	WA
		Dichlorodifluoromethane	1.5	1	JY	µg/L	0	WA
		1,1-Dichloroethane	8.2	1	Y	µg/L	1	WA
		1,1-Dichloroethane	8.9	1	Y	µg/L	1	WA
		1,1-Dichloroethane	8.5	1	Y	µg/L	1	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 6 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	<60	1	JVY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<60	1	JVY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<60	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.06	Y	µg/L	0	WA
		Endrin	<0.22	2.2	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	55,900	1	JY3	µg/L	2	WA
		Iron, total recoverable	53,800	1	JY3	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.06	Y	µg/L	0	WA
		Lindane	<0.11	2.2	Y	µg/L	0	WA
		Magnesium, total recoverable	7,980	1	Y	µg/L	0	WA
		Magnesium, total recoverable	7,680	1	Y	µg/L	0	WA
		Manganese, total recoverable	284	1	Y	µg/L	2	WA
		Manganese, total recoverable	274	1	Y	µg/L	2	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.06	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.2	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.2	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nickel, total recoverable	4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	87	1	Y	µg/L	0	WA
		Nitrate as nitrogen	74	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	1,880	1	Y	µg/L	0	WA

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

WELL LFW 6 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Potassium, total recoverable	1,780	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	JY3	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	JY3	µg/L	0	WA
		Silica, total recoverable	9,560	2.1	JY3	µg/L	0	WA
		Silica, total recoverable	9,220	2.1	JY3	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	9,570	1	Y	µg/L	0	WA
		Sodium, total recoverable	9,220	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	13,200	1	Y	µg/L	0	WA
		Sulfate	13,100	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	132,000	1	Y	µg/L	0	WA
		Total organic carbon	3,500	1	Y	µg/L	0	WA
		Total organic halogens	215	1	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	8,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.06	Y	µg/L	0	WA
		Toxaphene	<2.2	2.2	Y	µg/L	0	WA
		Toxaphene	<2.2	2.2	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	1.5	1	JY	µg/L	0	WA
		Trichloroethylene	1.5	1	JY	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA

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

WELL LFW 6 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	1.0	1	JY	µg/L	0	WA
		Xylenes	1.0	1	JY	µg/L	0	WA
		Xylenes	0.98	1	JY	µg/L	0	WA
		Gross alpha	8.5E+00	1		pCi/L	1	TM
		Nonvolatile beta	1.4E+01	1		pCi/L	0	TM
		Radium-226	2.2E+00	1		pCi/L	0	TM
		Radium-228	7.5E+00	1		pCi/L	0	TM
		Tritium	3.8E+00	1		pCi/mL	0	TM

WELL LFW 7

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

FIELD MEASUREMENTS

Sample date: 06/13/94 Time: 13:07
Depth to water: 19.09 ft (5.82 m) below TOC
Water elevation: 152.11 ft (46.36 m) msl
No water evacuated before sampling.
Inaccessibility or pump failure prevented sample collection.

WELL LFW 8

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

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 20.55 ft (6.26 m) below TOC
Water elevation: 149.95 ft (45.71 m) msl
Sp. conductance: 372 µS/cm
Turbidity: 4.0 NTU
Water evacuated before sampling: 264 gal
Time: 13:57
pH: 6.4
Alkalinity: 194 mg/L
Water temperature: 18.7 °C
Volumes purged: 40.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	6.1	1	JY	pH	0	WA
		Specific conductance	182	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	186	1	JY3	µg/L	2	WA

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

WELL LFW 8 collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Aluminum, total recoverable	137	1	JY3	µg/L	2	WA
		Arsenic, total recoverable	12	1	Y	µg/L	0	WA
		Arsenic, total recoverable	12	1	Y	µg/L	0	WA
		Barium, total recoverable	6.9	1	Y	µg/L	0	WA
		Barium, total recoverable	6.7	1	Y	µg/L	0	WA
		Benzene	2.4	1	JY	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	5,670	1	Y	µg/L	0	WA
		Calcium, total recoverable	5,370	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	19,600	5	Y	µg/L	0	WA
		Chlorobenzene	34	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
	■	Chloroethene (Vinyl chloride)	84	1	Y	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	8.4	1	Y	µg/L	0	WA
		Copper, total recoverable	9.3	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	2.1	1	JY	µg/L	0	WA
		1,1-Dichloroethane	31	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.06	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.04	Y	µg/L	0	WA
		Ethylbenzene	2.8	1	JY	µg/L	0	WA
		Fluoride	160	1	Y	µg/L	0	WA
		Fluoride	156	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	70,200	5	JY3	µg/L	2	WA
		Iron, total recoverable	67,800	5	JY3	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	7.4	1	Y	µg/L	0	WA
		Lindane	<0.052	1.04	Y	µg/L	0	WA
		Magnesium, total recoverable	8,310	1	Y	µg/L	0	WA
		Magnesium, total recoverable	7,840	1	Y	µg/L	0	WA
		Manganese, total recoverable	12	1	Y	µg/L	0	WA
		Manganese, total recoverable	11	1	Y	µg/L	0	WA

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

WELL LFW 8 collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.04	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	18	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	1,920	1	Y	µg/L	0	WA
		Potassium, total recoverable	2,040	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	JY3	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	JY3	µg/L	0	WA
		Silica, total recoverable	6,520	2.1	JY3	µg/L	0	WA
		Silica, total recoverable	6,090	2.1	JY3	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	2.2	1	Y	µg/L	0	WA
		Sodium, total recoverable	15,800	1	Y	µg/L	0	WA
		Sodium, total recoverable	15,000	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	3.9	1	JY	µg/L	0	WA
		Total dissolved solids	94,000	1	Y	µg/L	0	WA
		Total organic carbon	4,300	1	Y	µg/L	0	WA
		Total organic halogens	124	2	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	40,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.04	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	1.06	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	12	1	Y	µg/L	0	WA
	■	Gross alpha	1.6E+01	1		pCi/L	2	TM
		Nonvolatile beta	1.9E+01	1		pCi/L	0	TM
		Radium-226	2.4E+00	1		pCi/L	0	TM
		Radium-228	<1.5E-01	1		pCi/L	0	TM
		Tritium	5.4E+00	1		pCi/mL	0	TM

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

WELL LFW 10A

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

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 22.96 ft (7.00 m) below TOC
Water elevation: 152.54 ft (46.49 m) msl
Sp. conductance: 381 µS/cm
Turbidity: 4.8 NTU
Water evacuated before sampling: 105 gal

Time: 15:03
pH: 5.8
Alkalinity: 153 mg/L
Water temperature: 19.6 °C

Volumes purged: 6.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	6.4	1	JY	pH	0	WA
		Specific conductance	386	1	Y	µS/cm	1	WA
		Acetone		1	LVY	µg/L	0	WA
		Acetone	578	3.33	VY	µg/L	1	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	345	1	Y	µg/L	2	WA
		Arsenic, total recoverable	6.2	1	Y	µg/L	0	WA
		Barium, total recoverable	12	1	Y	µg/L	0	WA
		Benzene	4.9	1	JY	µg/L	1	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	6,990	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	23,200	10	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
	■	Chloroethene (Vinyl chloride)	15	1	Y	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	33	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	68	1	Y	µg/L	2	WA
		1,1-Dichloroethane		1	LY	µg/L	0	WA
		1,1-Dichloroethane	175	3.33	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	2.4	1	JY	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 10A collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)		1	LY	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	337	3.33	Y	µg/L	2	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		1,2-Dichloropropane	1.6	1	JY	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.01	Y	µg/L	0	WA
		Ethylbenzene	23	1	Y	µg/L	0	WA
		Fluoride	117	1	Y	µg/L	0	WA
		Fluoride	118	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	52,400	1	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.051	1.01	Y	µg/L	0	WA
		Magnesium, total recoverable	11,700	1	Y	µg/L	0	WA
		Manganese, total recoverable	9.5	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.51	1.01	Y	µg/L	0	WA
		Methyl ethyl ketone		1	LY	µg/L	0	WA
		Methyl ethyl ketone	343	3.33	Y	µg/L	0	WA
		Methyl isobutyl ketone	129	1	Y	µg/L	0	WA
		Nickel, total recoverable	16	1	Y	µg/L	0	WA
		Nitrate as nitrogen	569	1	Y	µg/L	0	WA
		Phenols	89	1	Y	µg/L	2	WA
		Potassium, total recoverable	546	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	9,720	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	27,300	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
	■	Tetrachloroethylene	82	1	Y	µg/L	2	WA
		Toluene	48	1	Y	µg/L	0	WA
		Total dissolved solids	272,000	1	Y	µg/L	0	WA
		Total dissolved solids	280,000	1	Y	µg/L	0	WA
		Total organic carbon	54,400	5	Y	µg/L	2	WA
		Total organic halogens	1,030	10	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	24,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.01	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	18	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	34	1	Y	µg/L	2	WA
		Trichlorofluoromethane	25	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	106	1	Y	µg/L	0	WA
		Gross alpha	4.3E+00	1		pCi/L	0	TM

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

WELL LFW 10A collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Nonvolatile beta	7.7E+00	1		pCi/L	0	TM
		Radium-226	1.1E+00	1		pCi/L	0	TM
		Radium-228	3.6E+00	1		pCi/L	0	TM
	■	Tritium	4.0E+01	1		pCi/mL	2	TM

WELL LFW 16

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

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 23.27 ft (7.09 m) below TOC
Water elevation: 155.53 ft (47.41 m) msl
Sp. conductance: 30 µS/cm
Turbidity: 1.1 NTU
Water evacuated before sampling: 171 gal

Time: 12:37
pH: 4.3
Alkalinity: 1 mg/L
Water temperature: 19.6 °C

Volumes purged: 10.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.5	1	JY	pH	0	WA
		Specific conductance	27	1	Y	µS/cm	0	WA
		Acetone	<67	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	29	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	5.8	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	744	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,470	1	Y	µg/L	0	WA
		Chloride	2,440	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	2.5	1	JY	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA

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

WELL LFW 16 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	7.6	1	JY	µg/L	1	WA
		1,1-Dichloroethane	31	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<60	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.1	2.13	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	101	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	4.8	1	Y	µg/L	0	WA
		Lindane	<0.055	1.1	Y	µg/L	0	WA
		Magnesium, total recoverable	1,040	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.2	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	459	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	8,360	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,330	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	2.3	1	JY	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	18,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	146	4	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	9,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1	2.13	Y	µg/L	0	WA
		1,1,1-Trichloroethane	1.1	1	JY	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	8.4	1	Y	µg/L	2	WA

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

WELL LFW 16 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Trichlorofluoromethane	3.5	1	JY	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	5.6	1	Y	µg/L	0	WA
		Gross alpha	4.1E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.0E+00	1		pCi/L	0	TM
		Radium-226	9.6E-01	1		pCi/L	0	TM
		Radium-228	1.4E+00	1		pCi/L	0	TM
	■	Tritium	2.4E+01	1		pCi/mL	2	TM

WELL LFW 17

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

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 22.99 ft (7.01 m) below TOC
Water elevation: 154.81 ft (47.19 m) msl
Sp. conductance: 378 µS/cm
Turbidity: 2.2 NTU
Water evacuated before sampling: 51 gal

Time: 11:36
pH: 6.3
Alkalinity: 158 mg/L
Water temperature: 19.3 °C

Volumes purged: 3.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
●		pH	6.5	1	JY	pH	0	WA
		Specific conductance	331	1	Y	µS/cm	1	WA
		Acetone	<80	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	13	1	Y	µg/L	0	WA
		Barium, total recoverable	5.1	1	Y	µg/L	0	WA
		Benzene	3.5	1	JY	µg/L	1	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	5,800	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	42,300	10	Y	µg/L	0	WA
		Chlorobenzene	82	1	Y	µg/L	1	WA
		Chloroethane	6.0	1	JY	µg/L	1	WA
	■	Chloroethene (Vinyl chloride)	2.2	1	JY	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA

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

WELL LFW 17 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	27	1	Y	µg/L	2	WA
		1,2-Dichloroethane	3.3	1	JY	µg/L	1	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<39	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	15	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	20,600	1	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Magnesium, total recoverable	12,400	1	Y	µg/L	0	WA
		Manganese, total recoverable	7.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	14	1	Y	µg/L	0	WA
		Potassium, total recoverable	1,260	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,590	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	33,400	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	2.7	1	JY	µg/L	0	WA
		Total dissolved solids	135,000	1	Y	µg/L	0	WA
		Total organic carbon	5,100	1	Y	µg/L	1	WA
		Total organic halogens	553	6.66	Y	µg/L	2	WA
		Total phosphates (as P)	70	1	Y	µg/L	0	WA
		Total suspended solids	11,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA

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

WELL LFW 17 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	28	1	Y	µg/L	0	WA
		Gross alpha	3.6E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.4E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.0E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.5E+00	1		pCi/L	0	TM
		Nonvolatile beta	<7.4E-01	1		pCi/L	0	TM
		Nonvolatile beta	5.2E+00	1		pCi/L	0	TM
		Radium-226	2.9E+00	1		pCi/L	0	TM
		Radium-226	2.9E+00	1		pCi/L	0	TM
		Radium-226	2.7E+00	1		pCi/L	0	TM
		Radium-226	3.2E-01	1		pCi/L	0	TM
		Radium-226	8.5E-01	1		pCi/L	0	TM
		Radium-228	1.6E+00	1		pCi/L	0	TM
		Tritium	6.0E+00	1		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	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 20.44 ft (6.23 m) below TOC
Water elevation: 154.56 ft (47.11 m) msl
Sp. conductance: 283 µS/cm
Turbidity: 0.6 NTU
Water evacuated before sampling: 150 gal

Time: 10:33
pH: 6.2
Alkalinity: 156 mg/L
Water temperature: 19.0 °C

Volumes purged: 9.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	6.5	1	JY	pH	0	WA
		Specific conductance	188	1	Y	µS/cm	0	WA
		Acetone	<8.0	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	25	1	Y	µg/L	1	WA
		Barium, total recoverable	8.9	1	Y	µg/L	0	WA
		Benzene	1.1	1	JY	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 18 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	4,370	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	12,500	10	Y	µg/L	0	WA
		Chlorobenzene	2.2	1	JY	µg/L	0	WA
		Chloroethane	2.9	1	JY	µg/L	0	WA
	■	Chloroethene (Vinyl chloride)	2.3	1	JY	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	2.7	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	4.6	1	JY	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<3.9	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.1	Y	µg/L	0	WA
		Ethylbenzene	2.7	1	JY	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	49,800	1	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.1	Y	µg/L	0	WA
		Magnesium, total recoverable	5,960	1	Y	µg/L	0	WA
		Manganese, total recoverable	11	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	21	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	1,790	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	7,990	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	7,800	1	Y	µg/L	0	WA

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

WELL LFW 18 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	51,000	1	Y	µg/L	0	WA
		Total organic carbon	2,800	1	Y	µg/L	0	WA
		Total organic halogens	114	2	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	14,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	4.2	1	JY	µg/L	0	WA
		Gross alpha	1.1E+01	1		pCi/L	1	TM
		Nonvolatile beta	1.3E+01	1		pCi/L	0	TM
		Radium-226	1.8E+00	1		pCi/L	0	TM
		Radium-228	3.2E+00	1		pCi/L	0	TM
		Tritium	5.7E+00	1		pCi/mL	0	TM

WELL LFW 19

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

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 20.57 ft (6.27 m) below TOC
Water elevation: 156.13 ft (47.59 m) msl
Sp. conductance: 23 µS/cm
Turbidity: 3.7 NTU
Water evacuated before sampling: 140 gal

Time: 8:29
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 19.5 °C

Volumes purged: 8.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.7	1	JY	pH	0	WA
•		pH	5.7	1	JY	pH	0	WA
		Specific conductance	20	1	Y	µS/cm	0	WA
		Specific conductance	20	1	Y	µS/cm	0	WA
		Acetone	<80	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA

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

WELL LFW 19 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	454	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,620	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	2.0	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	6.9	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<39	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.06	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.06	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	119	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	9.8	1	Y	µg/L	0	WA
		Lindane	<0.053	1.06	Y	µg/L	0	WA
		Magnesium, total recoverable	527	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.06	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	391	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA

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

WELL LFW 19 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,320	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,380	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	26,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.06	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	1.06	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	4.3	1	JY	µg/L	0	WA
		Gross alpha	8.1E+00	1		pCi/L	1	TM
		Nonvolatile beta	1.5E+01	1		pCi/L	0	TM
		Radium-226	1.3E+00	1		pCi/L	0	TM
		Radium-228	6.3E+00	1		pCi/L	0	TM
		Tritium	3.2E+00	1		pCi/mL	0	TM

WELL LFW 20

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

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 21.43 ft (6.53 m) below TOC
Water elevation: 159.07 ft (48.49 m) msl
Sp. conductance: 26 µS/cm
Turbidity: 1.9 NTU
Water evacuated before sampling: 286 gal

Time: 8:59
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 19.5 °C

Volumes purged: 18.1 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.0	1	JY	pH	0	WA
		Specific conductance	23	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA

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WELL LFW 20 collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Acetone	<10	1	Y	µg/L	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	34	1	Y	µg/L	1	WA
		Aluminum, total recoverable	31	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	6.7	1	Y	µg/L	0	WA
		Barium, total recoverable	6.6	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	333	1	Y	µg/L	0	WA
		Calcium, total recoverable	315	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,470	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	6.8	1	JY	µg/L	1	WA
		Chloromethane (Methyl chloride)	6.3	1	JY	µg/L	1	WA
		Chloromethane (Methyl chloride)	3.8	1	JY	µg/L	0	WA

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WELL LFW 20 collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<17	1	JVY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<17	1	JVY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.12	Y	µg/L	0	WA
		Endrin	<0.22	2.2	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA

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WELL LFW 20 collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	88	1	Y	µg/L	0	WA
		Iron, total recoverable	79	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	3.7	1	Y	µg/L	0	WA
		Lindane	<0.056	1.12	Y	µg/L	0	WA
		Lindane	<0.11	2.2	Y	µg/L	0	WA
		Magnesium, total recoverable	533	1	Y	µg/L	0	WA
		Magnesium, total recoverable	502	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.56	1.12	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.2	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.2	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	640	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,680	2.1	Y	µg/L	0	WA
		Silica, total recoverable	6,290	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,960	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,830	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 20 collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	31,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.12	Y	µg/L	0	WA
		Toxaphene	<2.2	2.2	Y	µg/L	0	WA
		Toxaphene	<2.2	2.2	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	6.3E+00	1		pCi/L	0	TM
		Gross alpha	7.3E+00	1		pCi/L	0	TM
		Nonvolatile beta	1.1E+01	1		pCi/L	0	TM
		Nonvolatile beta	5.8E+00	1		pCi/L	0	TM
		Radium-226	2.3E+00	1		pCi/L	0	TM
		Radium-226	2.7E+00	1		pCi/L	0	TM
		Radium-228	4.6E+00	1		pCi/L	0	TM
		Radium-228	4.7E+00	1		pCi/L	0	TM
		Tritium	2.2E+00	1		pCi/mL	0	TM
		Tritium	1.7E+00	1		pCi/mL	0	TM

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

WELL LFW 21

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

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 25.28 ft (7.71 m) below TOC
Water elevation: 150.32 ft (45.82 m) msl
Sp. conductance: 947 µS/cm
Turbidity: 7.1 NTU
Water evacuated before sampling: 167 gal

Time: 8:01
pH: 6.6
Alkalinity: 235 mg/L
Water temperature: 18.7 °C

Volumes purged: 11.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.8	1	JY	pH	0	WA
		Specific conductance	791	1	Y	µS/cm	2	WA
		Acetone		5	LY	µg/L	0	WA
		Acetone	2,630	20	Y	µg/L	2	WA
		Acetonitrile (Methyl cyanide)	<100	5	Y	µg/L	0	WA
		Acrolein	<50	5	Y	µg/L	0	WA
		Acrylonitrile	<50	5	Y	µg/L	0	WA
		Allyl chloride	<100	5	Y	µg/L	0	WA
		Aluminum, total recoverable	32	1	Y	µg/L	1	WA
		Aluminum, total recoverable	37	1	Y	µg/L	1	WA
		Arsenic, total recoverable	25	1	Y	µg/L	1	WA
		Arsenic, total recoverable	26	1	Y	µg/L	1	WA
		Barium, total recoverable	12	1	Y	µg/L	0	WA
		Barium, total recoverable	11	1	Y	µg/L	0	WA
	■	Benzene	9.7	5	JY	µg/L	2	WA
		Bromodichloromethane	<25	5	Y	µg/L	0	WA
		Bromoform	<25	5	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<50	5	Y	µg/L	0	WA
		Cadmium, total recoverable	<10	5	Y	µg/L	0	WA
		Cadmium, total recoverable	<10	5	Y	µg/L	0	WA
		Calcium, total recoverable	57,800	1	Y	µg/L	0	WA
		Calcium, total recoverable	56,300	1	Y	µg/L	0	WA
		Carbon disulfide	<25	5	Y	µg/L	0	WA
		Carbon tetrachloride	<25	5	Y	µg/L	0	WA
		Chloride	46,200	10	Y	µg/L	0	WA
		Chlorobenzene	<25	5	Y	µg/L	0	WA
		Chloroethane	<50	5	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<50	5	Y	µg/L	0	WA
		Chloroform	<25	5	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<50	5	Y	µg/L	0	WA
		Chloroprene	<500	5	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	5.9	1	Y	µg/L	0	WA
		Copper, total recoverable	6.9	1	Y	µg/L	0	WA
		Dibromochloromethane	<25	5	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<100	5	Y	µg/L	0	WA
		1,2-Dibromoethane	<100	5	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<50	5	Y	µg/L	0	WA

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

WELL LFW 21 collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		trans-1,4-Dichloro-2-butene	<500	5	Y	µg/L	0	WA
		Dichlorodifluoromethane	<50	5	Y	µg/L	0	WA
		1,1-Dichloroethane	155	5	Y	µg/L	2	WA
		1,2-Dichloroethane	<25	5	Y	µg/L	0	WA
		1,1-Dichloroethylene	<25	5	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<25	5	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<50	5	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.06	Y	µg/L	0	WA
		1,2-Dichloropropane	<25	5	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<25	5	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<25	5	Y	µg/L	0	WA
		Endrin	<0.11	1.05	Y	µg/L	0	WA
		Endrin	<0.21	2.11	Y	µg/L	0	WA
		Ethylbenzene	66	5	Y	µg/L	0	WA
		Fluoride	234	1	Y	µg/L	0	WA
		2-Hexanone	7.0	5	JY	µg/L	0	WA
		Iodomethane (Methyl iodide)	<50	5	Y	µg/L	0	WA
		Iron, total recoverable	160,000	5	JY3	µg/L	2	WA
		Iron, total recoverable	158,000	5	JY3	µg/L	2	WA
		Isobutyl alcohol	<100	5	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.05	Y	µg/L	0	WA
		Lindane	<0.11	2.11	Y	µg/L	0	WA
		Magnesium, total recoverable	25,700	1	Y	µg/L	0	WA
		Magnesium, total recoverable	24,900	1	Y	µg/L	0	WA
		Manganese, total recoverable	64	5	Y	µg/L	2	WA
		Manganese, total recoverable	62	5	Y	µg/L	2	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<100	5	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.05	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.11	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.11	Y	µg/L	0	WA
		Methyl ethyl ketone		5	LY	µg/L	0	WA
		Methyl ethyl ketone	2,280	20	Y	µg/L	0	WA
		Methyl isobutyl ketone		5	LY	µg/L	0	WA
		Methyl isobutyl ketone	913	20	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	490	5	Y	µg/L	2	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Potassium, total recoverable	588	1	Y	µg/L	0	WA
		Propionitrile	<250	5	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,690	2.1	JY3	µg/L	0	WA
		Silica, total recoverable	6,460	2.1	JY3	µg/L	0	WA
		Silver, total recoverable	10	5	JY3	µg/L	0	WA
		Silver, total recoverable	<10	5	JY3	µg/L	0	WA
		Sodium, total recoverable	55,800	1	Y	µg/L	0	WA
		Sodium, total recoverable	54,100	1	Y	µg/L	0	WA
		Styrene	<25	5	Y	µg/L	0	WA
		Sulfate	<2,000	2	Y	µg/L	0	WA
		Sulfate	<2,000	2	Y	µg/L	0	WA

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

WELL LFW 21 collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<50	5	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<25	5	Y	µg/L	0	WA
		Tetrachloroethylene	<25	5	Y	µg/L	0	WA
		Toluene	230	5	Y	µg/L	0	WA
		Total dissolved solids	634,000	1	Y	µg/L	0	WA
		Total organic carbon	192,000	10	Y	µg/L	2	WA
		Total organic halogens	685	6.66	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	111,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.05	Y	µg/L	0	WA
		Toxaphene	<2.1	2.11	Y	µg/L	0	WA
		Toxaphene	<2.1	2.11	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	1.06	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<25	5	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<25	5	Y	µg/L	0	WA
		Trichloroethylene	<25	5	Y	µg/L	0	WA
		Trichlorofluoromethane	<25	5	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<50	5	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<50	5	Y	µg/L	0	WA
		Xylenes	209	5	Y	µg/L	0	WA
		Gross alpha	9.8E+00	1		pCi/L	1	TM
		Nonvolatile beta	6.6E+00	1		pCi/L	0	TM
		Radium-226	1.8E+00	1		pCi/L	0	TM
		Radium-226	2.0E+00	1		pCi/L	0	TM
		Radium-228	1.5E+00	1		pCi/L	0	TM
		Radium-228	3.7E+00	1		pCi/L	0	TM
		Tritium	1.7E+01	1		pCi/mL	1	TM
		Tritium	1.7E+01	1		pCi/mL	1	TM

WELL LFW 22

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

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 23.39 ft (7.13 m) below TOC
Water elevation: 150.81 ft (45.97 m) msl
Sp. conductance: 772 µS/cm
Turbidity: 1.3 NTU
Water evacuated before sampling: 146 gal

Time: 8:23
pH: 6.5
Alkalinity: 243 mg/L
Water temperature: 18.8 °C

Volumes purged: 7.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.5	1	JY	pH	0	WA
		Specific conductance	585	1	Y	µS/cm	2	WA
		Acetone		1	LY	µg/L	0	WA
		Acetone	2,380	20	Y	µg/L	2	WA

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

WELL LFW 22 collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	11	1	Y	µg/L	0	WA
		Barium, total recoverable	7.8	1	Y	µg/L	0	WA
		Benzene	4.4	1	JY	µg/L	1	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<20	10	Y	µg/L	0	WA
		Calcium, total recoverable	27,200	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	30,400	10	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
	■	Chloroethene (Vinyl chloride)	3.7	1	JY	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	6.5	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	24	1	Y	µg/L	2	WA
		1,1-Dichloroethane	97	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	1.6	1	JY	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)		1	LY	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	451	20	Y	µg/L	2	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	2.0	1	JY	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	56	1	Y	µg/L	0	WA
		Fluoride	139	1	Y	µg/L	0	WA
		2-Hexanone	5.1	1	JY	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	191,000	5	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Magnesium, total recoverable	16,100	1	Y	µg/L	0	WA
		Manganese, total recoverable	106	10	Y	µg/L	2	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone		1	LY	µg/L	0	WA
		Methyl ethyl ketone	1,800	20	Y	µg/L	0	WA

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

WELL LFW 22 collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Methyl isobutyl ketone		1	LY	µg/L	0	WA
		Methyl isobutyl ketone	1,430	20	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	357	3	Y	µg/L	2	WA
		Phenols	358	3	Y	µg/L	2	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,630	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<20	10	Y	µg/L	0	WA
		Sodium, total recoverable	29,500	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	2.9	1	JY	µg/L	1	WA
		Toluene	119	1	Y	µg/L	0	WA
		Total dissolved solids	482,000	1	Y	µg/L	0	WA
		Total organic carbon	184,000	20	Y	µg/L	2	WA
		Total organic halogens	444	6.66	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	37,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	22	1	Y	µg/L	2	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	209	1	Y	µg/L	0	WA
		Gross alpha	1.1E+01	1		pCi/L	1	TM
		Nonvolatile beta	5.6E+00	1		pCi/L	0	TM
		Radium-226	1.0E+00	1		pCi/L	0	TM
		Radium-228	2.1E+00	1		pCi/L	0	TM
		Tritium	8.6E+00	1		pCi/mL	0	TM

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

WELL LFW 23

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

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 20.78 ft (6.33 m) below TOC
Water elevation: 151.02 ft (46.03 m) msl
Sp. conductance: 25 µS/cm
Turbidity: 1.0 NTU
Water evacuated before sampling: 160 gal

Time: 10:00
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 18.7 °C

Volumes purged: 9.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.8	1	JY	pH	0	WA
		Specific conductance	21	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	366	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,900	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	1.5	1	JY	µg/L	0	WA
		1,1-Dichloroethane	5.8	1	Y	µg/L	1	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	2.8	1	JY	µg/L	1	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA

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

WELL LFW 23 collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.06	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	35	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	9.5	1	Y	µg/L	0	WA
		Lead, total recoverable	7.9	1	Y	µg/L	0	WA
		Lindane	<0.053	1.06	Y	µg/L	0	WA
		Magnesium, total recoverable	548	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.06	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	4.6	1	Y	µg/L	0	WA
		Nitrate as nitrogen	1,760	5	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	7,250	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,960	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	9,000	1	Y	µg/L	0	WA
		Total organic carbon	1,100	1	Y	µg/L	0	WA
		Total organic halogens	21	1.33	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.06	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	2.8	1	JY	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	4.0E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.1E+00	1		pCi/L	0	TM
		Radium-226	1.1E+00	1		pCi/L	0	TM
		Radium-228	1.4E+00	1		pCi/L	0	TM
		Tritium	2.5E+00	1		pCi/mL	0	TM

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

WELL LFW 24

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

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 17.85 ft (5.44 m) below TOC
Water elevation: 153.45 ft (46.77 m) msl
Sp. conductance: 20 µS/cm
Turbidity: 1.4 NTU
Water evacuated before sampling: 169 gal

Time: 11:03
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 17.8 °C

Volumes purged: 8.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.7	1	JY	pH	0	WA
		Specific conductance	18	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	35	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	272	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,240	1	Y	µg/L	0	WA
		Chloride	2,210	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 24 collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	51	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	4.7	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Magnesium, total recoverable	510	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	486	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,670	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,200	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	<1,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	7.6E+00	1		pCi/L	1	TM
		Nonvolatile beta	4.3E+00	1		pCi/L	0	TM
		Radium-226	5.8E-01	1		pCi/L	0	TM
		Radium-228	2.2E+00	1		pCi/L	0	TM
		Tritium	2.8E+00	1		pCi/mL	0	TM

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

WELL LFW 25

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

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 18.63 ft (5.68 m) below TOC
Water elevation: 156.07 ft (47.57 m) msl
Sp. conductance: 18 µS/cm
Turbidity: 0.3 NTU
Water evacuated before sampling: 89 gal

Time: 14:07
pH: 4.4
Alkalinity: 1 mg/L
Water temperature: 18.6 °C

Volumes purged: 4.1 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.5	1	JY	pH	0	WA
		Specific conductance	16	1	Y	µS/cm	0	WA
		Acetone	<80	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	28	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	4.4	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	228	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,380	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	1.7	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<39	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA

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

WELL LFW 25 collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.08	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	42	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	5.3	1	Y	µg/L	0	WA
		Lindane	<0.054	1.08	Y	µg/L	0	WA
		Magnesium, total recoverable	388	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	253	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,100	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,360	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	12,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
•		Total suspended solids	<1,000	1	J1	µg/L	0	GE
•		Total suspended solids	<1,000	1	J1	µg/L	0	GE
		Toxaphene	<1.1	1.08	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	6.8E+00	1		pCi/L	0	TM
		Nonvolatile beta	1.4E+01	1		pCi/L	0	TM
		Radium-226	2.2E+00	1		pCi/L	0	TM
		Radium-228	5.6E+00	1		pCi/L	0	TM
		Tritium	2.0E+00	1		pCi/mL	0	TM

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

WELL LFW 26

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

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 24.90 ft (7.59 m) below TOC
Water elevation: 161.60 ft (49.26 m) msl
Sp. conductance: 15 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 149 gal

Time: 14:25
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 19.5 °C

Volumes purged: 12.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	13	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	21	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	4.5	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	237	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,950	1	Y	µg/L	0	WA
		Chloride	1,990	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 26 collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.2	2.15	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	81	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.1	Y	µg/L	0	WA
		Magnesium, total recoverable	299	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	4.2	1	Y	µg/L	0	WA
		Nitrate as nitrogen	90	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,010	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,260	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	22,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1	2.15	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	2.9E+00	1		pCi/L	0	TM

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WELL LFW 26 collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Nonvolatile beta	4.0E+00	1		pCi/L	0	TM
		Radium-226	8.0E-01	1		pCi/L	0	TM
		Radium-228	4.7E+00	1		pCi/L	0	TM
		Tritium	1.4E+00	1		pCi/mL	0	TM

WELL LFW 27

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 26.75 ft (8.15 m) below TOC
Water elevation: 162.45 ft (49.52 m) msl
Sp. conductance: 21 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 76 gal

Time: 8:27
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 19.4 °C

Volumes purged: 5.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	19	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	24	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	5.7	1	Y	µg/L	0	WA
		Barium, total recoverable	5.4	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	282	1	Y	µg/L	0	WA
		Calcium, total recoverable	279	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,450	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	2.3	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA

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WELL LFW 27 collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<30	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.08	Y	µg/L	0	WA
		Endrin	<0.21	2.11	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	35	1	Y	µg/L	0	WA
		Iron, total recoverable	35	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.054	1.08	Y	µg/L	0	WA
		Lindane	<0.11	2.11	Y	µg/L	0	WA
		Magnesium, total recoverable	347	1	Y	µg/L	0	WA
		Magnesium, total recoverable	341	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.7	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.8	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.11	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.11	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	285	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,510	2.1	Y	µg/L	0	WA
		Silica, total recoverable	6,440	2.1	Y	µg/L	0	WA

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

WELL LFW 27 collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,060	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,050	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	15,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.08	Y	µg/L	0	WA
		Toxaphene	<2.1	2.11	Y	µg/L	0	WA
		Toxaphene	<2.1	2.11	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	5.0E-01	1		pCi/L	0	TM
		Nonvolatile beta	3.2E+00	1		pCi/L	0	TM
		Radium-226	1.2E+00	1		pCi/L	0	TM
		Radium-228	1.2E+00	1		pCi/L	0	TM
		Tritium	2.1E+00	1		pCi/mL	0	TM

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

WELL LFW 28

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

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 28.52 ft (8.69 m) below TOC
Water elevation: 163.88 ft (49.95 m) msl
Sp. conductance: 45 µS/cm
Turbidity: 8.4 NTU
Water evacuated before sampling: 16 gal
The well went dry during purging.

Time: 9:03
pH: 5.1
Alkalinity: 10 mg/L
Water temperature: 22.5 °C

Volumes purged: 1.1 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	36	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	65	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	17	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	2,610	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,130	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	11	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA

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

WELL LFW 28 collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	212	1	Y	µg/L	1	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	5.5	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Magnesium, total recoverable	1,080	1	Y	µg/L	0	WA
		Manganese, total recoverable	7.7	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	742	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	537	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,380	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,030	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	31,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	2.8E+00	1		pCi/L	0	TM
		Nonvolatile beta	3.1E+00	1		pCi/L	0	TM
		Radium-226	1.4E+00	1		pCi/L	0	TM
		Radium-228	1.0E+00	1		pCi/L	0	TM
		Tritium	1.9E+00	1		pCi/mL	0	TM

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

WELL LFW 29

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

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 29.87 ft (9.10 m) below TOC
Water elevation: 165.43 ft (50.42 m) msl
Sp. conductance: 23 µS/cm
Turbidity: 1.5 NTU
Water evacuated before sampling: 83 gal

Time: 12:53
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 19.5 °C

Volumes purged: 5.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		pH	5.0	1	JY	pH	0	WA
		Specific conductance	19	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	25	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	6.6	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	470	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,910	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	3.5	1	JY	µg/L	1	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA

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

WELL LFW 29 collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.08	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	17	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.054	1.08	Y	µg/L	0	WA
		Magnesium, total recoverable	433	1	Y	µg/L	0	WA
		Manganese, total recoverable	3.5	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	519	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,390	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	992	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	26,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.08	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	6.0E+00	1		pCi/L	0	TM
		Nonvolatile beta	3.7E+00	1		pCi/L	0	TM
		Radium-226	2.0E+00	1		pCi/L	0	TM
		Radium-228	3.9E+00	1		pCi/L	0	TM
		Tritium	2.0E+00	1		pCi/mL	0	TM

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

WELL LFW 30

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 44.72 ft (13.63 m) below TOC
Water elevation: 165.28 ft (50.38 m) msl
Sp. conductance: 20 µS/cm
Turbidity: 0.3 NTU
Water evacuated before sampling: 175 gal

Time: 10:44
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 18.9 °C

Volumes purged: 11.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.1	1	JY	pH	0	WA
		Specific conductance	18	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	5.6	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	885	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,520	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA

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

WELL LFW 30 collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<2.2	2.22	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.08	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	9.6	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.054	1.08	Y	µg/L	0	WA
		Magnesium, total recoverable	595	1	Y	µg/L	0	WA
		Manganese, total recoverable	3.1	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	603	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,790	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	896	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	28,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.08	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1	2.22	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	4.2E+00	1		pCi/L	0	TM
		Nonvolatile beta	6.7E+00	1		pCi/L	0	TM
		Radium-226	9.8E-01	1		pCi/L	0	TM
		Radium-228	3.8E+00	1		pCi/L	0	TM
		Tritium	1.8E+00	1		pCi/mL	0	TM

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

WELL LFW 31

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 64.23 ft (19.58 m) below TOC
Water elevation: 165.07 ft (50.31 m) msl
Sp. conductance: 25 µS/cm
Turbidity: 0.5 NTU
Water evacuated before sampling: 96 gal

Time: 10:07
pH: 4.8
Alkalinity: 1 mg/L
Water temperature: 19.0 °C

Volumes purged: 7.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.1	1	JY	pH	0	WA
		Specific conductance	23	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	653	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,260	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	7.7	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.14	Y	µg/L	0	WA

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

WELL LFW 31 collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.06	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	13	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.06	Y	µg/L	0	WA
		Magnesium, total recoverable	551	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.2	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.06	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	320	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	856	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,190	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,650	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	2,130	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	22,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.06	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.57	1.14	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	5.6E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.7E+00	1		pCi/L	0	TM
		Radium-226	1.6E+00	1		pCi/L	0	TM
		Radium-228	1.1E+00	1		pCi/L	0	TM
		Tritium	2.4E+00	1		pCi/mL	0	TM

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

WELL LFW 32

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 60.82 ft (18.54 m) below TOC
Water elevation: 162.88 ft (49.65 m) msl
Sp. conductance: 27 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 94 gal

Time: 9:19
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 19.0 °C

Volumes purged: 7.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.0	1	JY	pH	0	WA
		Specific conductance	24	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	5.5	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	458	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	3,260	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<110	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.12	Y	µg/L	0	WA

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

WELL LFW 32 collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.06	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	8.5	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.06	Y	µg/L	0	WA
		Magnesium, total recoverable	611	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.1	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.06	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	715	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	1,190	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,680	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,590	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	22,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.06	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.12	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.2E+01	1		pCi/L	1	TM
		Nonvolatile beta	1.6E+01	1		pCi/L	0	TM
		Radium-226	2.8E+00	1		pCi/L	0	TM
		Radium-228	4.6E+00	1		pCi/L	0	TM
		Tritium	2.8E+00	1		pCi/mL	0	TM

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

WELL LFW 33

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

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 52.13 ft (15.89 m) below TOC
Water elevation: 161.57 ft (49.25 m) msl
Sp. conductance: 25 µS/cm
Turbidity: 0.3 NTU
Water evacuated before sampling: 50 gal

Time: 11:24
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 19.6 °C

Volumes purged: 4.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	22	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	344	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	3,020	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	3.7	1	JY	µg/L	1	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA

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

WELL LFW 33 collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.08	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	13	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	3.5	1	Y	µg/L	0	WA
		Lindane	<0.054	1.08	Y	µg/L	0	WA
		Magnesium, total recoverable	456	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	461	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	700	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,550	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,650	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	32,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.08	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.1E+01	1		pCi/L	1	TM
		Nonvolatile beta	1.8E+01	1		pCi/L	0	TM
		Radium-226	3.3E+00	1		pCi/L	0	TM
		Radium-228	1.0E+01	1		pCi/L	1	TM
		Tritium	2.4E+00	1		pCi/mL	0	TM

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

WELL LFW 34

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

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 40.79 ft (12.43 m) below TOC
Water elevation: 160.21 ft (48.83 m) msl
Sp. conductance: 24 µS/cm
Turbidity: 0.2 NTU
Water evacuated before sampling: 90 gal

Time: 10:40
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 19.3 °C

Volumes purged: 8.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.4	1	JY	pH	0	WA
		Specific conductance	21	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	22	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	4.2	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	458	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,680	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	3.5	1	JY	µg/L	1	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08	Y	µg/L	0	WA

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

WELL LFW 34 collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.06	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	34	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.06	Y	µg/L	0	WA
		Magnesium, total recoverable	470	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.06	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	410	1	Y	µg/L	0	WA
		Nitrate as nitrogen	412	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	635	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,920	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,810	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	27,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.06	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	4.4E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.4E+00	1		pCi/L	0	TM
		Radium-226	1.5E+00	1		pCi/L	0	TM
		Radium-228	3.2E+00	1		pCi/L	0	TM
		Tritium	2.8E+00	1		pCi/mL	0	TM

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

WELL LFW 35

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

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 24.73 ft (7.54 m) below TOC
Water elevation: 158.97 ft (48.45 m) msl
Sp. conductance: 33 µS/cm
Turbidity: 0.3 NTU
Water evacuated before sampling: 105 gal

Time: 9:48
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 20.2 °C

Volumes purged: 10.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	28	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	4.8	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	296	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,940	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	3.7	1	JY	µg/L	1	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA

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

WELL LFW 35 collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.11	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	5.8	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.056	1.11	Y	µg/L	0	WA
		Magnesium, total recoverable	527	1	Y	µg/L	0	WA
		Manganese, total recoverable	6.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.56	1.11	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	1,320	5	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	4,580	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,090	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	30,000	1	Y	µg/L	0	WA
		Total organic carbon	1,780	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.11	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	4.6E+00	1		pCi/L	0	TM
		Nonvolatile beta	5.6E+00	1		pCi/L	0	TM
		Radium-226	1.3E+00	1		pCi/L	0	TM
		Radium-228	2.8E+00	1		pCi/L	0	TM
		Tritium	2.1E+00	1		pCi/mL	0	TM

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

WELL LFW 36

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

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 24.78 ft (7.55 m) below TOC
Water elevation: 145.62 ft (44.39 m) msl
Sp. conductance: 317 µS/cm
Turbidity: 7.4 NTU
Water evacuated before sampling: 327 gal

Time: 10:26
pH: 6.3
Alkalinity: 112 mg/L
Water temperature: 19.0 °C

Volumes purged: 32.5 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	6.2	1	JY	pH	0	WA
		Specific conductance	250	1	Y	µS/cm	1	WA
		Acetone	<13	1.25	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<25	1.25	Y	µg/L	0	WA
		Acrolein	<13	1.25	Y	µg/L	0	WA
		Acrylonitrile	<13	1.25	Y	µg/L	0	WA
		Allyl chloride	<25	1.25	Y	µg/L	0	WA
		Aluminum, total recoverable	736	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	4.0	1.25	JY	µg/L	1	WA
		Bromodichloromethane	<6.3	1.25	Y	µg/L	0	WA
		Bromoform	<6.3	1.25	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<13	1.25	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	4,890	1	Y	µg/L	0	WA
		Carbon disulfide	<6.3	1.25	Y	µg/L	0	WA
		Carbon tetrachloride	<6.3	1.25	Y	µg/L	0	WA
		Chloride	28,200	10	Y	µg/L	0	WA
		Chlorobenzene	27	1.25	Y	µg/L	0	WA
		Chloroethane	5.6	1.25	JY	µg/L	1	WA
	■	Chloroethene (Vinyl chloride)	5.4	1.25	JY	µg/L	2	WA
		Chloroform	<6.3	1.25	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<13	1.25	Y	µg/L	0	WA
		Chloroprene	<125	1.25	Y	µg/L	0	WA
		Chromium, total recoverable	9.9	1	Y	µg/L	0	WA
		Copper, total recoverable	4.8	1	Y	µg/L	0	WA
		Dibromochloromethane	<6.3	1.25	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<25	1.25	Y	µg/L	0	WA
		1,2-Dibromoethane	<25	1.25	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<13	1.25	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<125	1.25	Y	µg/L	0	WA
		Dichlorodifluoromethane	5.1	1.25	JY	µg/L	1	WA
		1,1-Dichloroethane	44	1.25	Y	µg/L	2	WA
		1,2-Dichloroethane	4.7	1.25	JY	µg/L	1	WA
		1,1-Dichloroethylene	<6.3	1.25	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<6.3	1.25	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<23	1.25	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA

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

WELL LFW 36 collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<2.2	2.17	Y	µg/L	0	WA
		1,2-Dichloropropane	<6.3	1.25	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<6.3	1.25	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<6.3	1.25	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	1.5	1.25	JY	µg/L	0	WA
		Fluoride	143	1	Y	µg/L	0	WA
		2-Hexanone	<13	1.25	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<13	1.25	Y	µg/L	0	WA
		Iron, total recoverable	28,200	1	Y	µg/L	2	WA
		Isobutyl alcohol	<25	1.25	Y	µg/L	0	WA
		Lead, total recoverable	10	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Magnesium, total recoverable	12,700	1	Y	µg/L	0	WA
		Manganese, total recoverable	17	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<25	1.25	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<13	1.25	Y	µg/L	0	WA
		Methyl isobutyl ketone	2.2	1.25	JY	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	117	1	Y	µg/L	0	WA
		Phenols	6.7	1	Y	µg/L	0	WA
		Potassium, total recoverable	963	1	Y	µg/L	0	WA
		Propionitrile	<63	1.25	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	8,530	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	26,300	1	Y	µg/L	0	WA
		Styrene	<6.3	1.25	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<13	1.25	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<6.3	1.25	Y	µg/L	0	WA
		Tetrachloroethylene	<6.3	1.25	Y	µg/L	0	WA
		Toluene	1.5	1.25	JY	µg/L	0	WA
		Total dissolved solids	142,000	1	Y	µg/L	0	WA
		Total organic carbon	5,200	1	Y	µg/L	1	WA
		Total organic halogens	486	1	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	56,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1	2.17	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<6.3	1.25	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<6.3	1.25	Y	µg/L	0	WA
		Trichloroethylene	<6.3	1.25	Y	µg/L	0	WA
		Trichlorofluoromethane	4.6	1.25	JY	µg/L	0	WA
		1,2,3-Trichloropropane	<13	1.25	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<13	1.25	Y	µg/L	0	WA
		Xylenes	1.6	1.25	JY	µg/L	0	WA
	■	Gross alpha	3.3E+01	1		pCi/L	2	TM
		Nonvolatile beta	2.8E+01	1		pCi/L	1	TM
		Radium-226	3.0E+00	1		pCi/L	0	TM
		Radium-228	1.2E+01	1		pCi/L	1	TM
		Tritium	8.6E+00	1		pCi/mL	0	TM

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

WELL LFW 37

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

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 27.39 ft (8.35 m) below TOC
Water elevation: 142.51 ft (43.44 m) msl
Sp. conductance: 932 µS/cm
Turbidity: 1.5 NTU
Water evacuated before sampling: 62 gal

Time: 8:45
pH: 6.3
Alkalinity: 425 mg/L
Water temperature: 19.5 °C

Volumes purged: 7.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.8	1	JY	pH	0	WA
		Specific conductance	717	1	Y	µS/cm	2	WA
		Acetone		1	LY	µg/L	0	WA
		Acetone	822	10	Y	µg/L	1	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	9.6	1	Y	µg/L	0	WA
		Barium, total recoverable	6.8	1	Y	µg/L	0	WA
	■	Benzene	7.1	1	Y	µg/L	2	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<10	5	Y	µg/L	0	WA
		Calcium, total recoverable	26,400	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	48,900	10	Y	µg/L	0	WA
		Chlorobenzene	3.8	1	JY	µg/L	0	WA
		Chloroethane	7.2	1	JY	µg/L	1	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	5.1	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	30	1	Y	µg/L	2	WA
		1,1-Dichloroethane	114	1	Y	µg/L	2	WA
		1,2-Dichloroethane	4.7	1	JY	µg/L	1	WA
		1,1-Dichloroethylene	4.7	1	JY	µg/L	1	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	190	1	VY	µg/L	2	WA

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

WELL LFW 37 collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08	Y	µg/L	0	WA
		1,2-Dichloropropane	2.2	1	JY	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.04	Y	µg/L	0	WA
		Ethylbenzene	15	1	Y	µg/L	0	WA
		Fluoride	191	1	Y	µg/L	0	WA
		Fluoride	193	1	Y	µg/L	0	WA
		2-Hexanone	2.4	1	JY	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	220,000	5	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.052	1.04	Y	µg/L	0	WA
		Magnesium, total recoverable	27,900	1	Y	µg/L	0	WA
		Manganese, total recoverable	52	5	Y	µg/L	2	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.04	Y	µg/L	0	WA
		Methyl ethyl ketone		1	LY	µg/L	0	WA
		Methyl ethyl ketone	895	10	Y	µg/L	0	WA
		Methyl isobutyl ketone	185	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	144	1	Y	µg/L	2	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	10,600	2.1	Y	µg/L	0	WA
		Silver, total recoverable	13	5	Y	µg/L	0	WA
		Sodium, total recoverable	33,600	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	20,700	2	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	3.6	1	JY	µg/L	1	WA
		Toluene	23	1	Y	µg/L	0	WA
		Total dissolved solids	531,000	1	Y	µg/L	0	WA
		Total organic carbon	140,000	20	Y	µg/L	2	WA
		Total organic halogens	866	10	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	95,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.04	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08	Y	µg/L	0	WA
		1,1,1-Trichloroethane	15	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
■		Trichloroethylene	22	1	Y	µg/L	2	WA
		Trichlorofluoromethane	131	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	91	1	Y	µg/L	0	WA
		Gross alpha	1.2E+01	1		pCi/L	1	TM
		Nonvolatile beta	9.1E+00	1		pCi/L	0	TM
		Radium-226	2.1E+00	1		pCi/L	0	TM

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

WELL LFW 37 collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Radium-228	6.9E+00	1		pCi/L	0	TM
		Tritium	1.1E+01	1		pCi/mL	1	TM

WELL LFW 38

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

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 27.40 ft (8.35 m) below TOC
Water elevation: 142.90 ft (43.56 m) msl
Sp. conductance: 104 µS/cm
Turbidity: 0.1 NTU
Water evacuated before sampling: 55 gal

Time: 11:22
pH: 4.5
Alkalinity: 1 mg/L
Water temperature: 20.5 °C

Volumes purged: 6.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.9	1	JY	pH	0	WA
		Specific conductance	94	1	Y	µS/cm	0	WA
		Acetone	<11	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	32	1	Y	µg/L	1	WA
		Aluminum, total recoverable	34	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	7.2	1	Y	µg/L	0	WA
		Barium, total recoverable	6.7	1	Y	µg/L	0	WA
	■	Benzene	16	1	Y	µg/L	2	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	802	1	Y	µg/L	0	WA
		Calcium, total recoverable	793	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	23,900	5	Y	µg/L	0	WA
		Chlorobenzene	4.5	1	JY	µg/L	0	WA
		Chloroethane	7.3	1	JY	µg/L	1	WA
	■	Chloroethene (Vinyl chloride)	3.4	1	JY	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA

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WELL LFW 38 collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	28	1	Y	µg/L	2	WA
		1,1-Dichloroethane	123	1	Y	µg/L	2	WA
	■	1,2-Dichloroethane	6.3	1	Y	µg/L	2	WA
		1,1-Dichloroethylene	4.5	1	JY	µg/L	1	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	82	1	VY	µg/L	2	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08		µg/L	0	WA
		1,2-Dichloropropane	2.5	1	JY	µg/L	1	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.05	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	113	1	Y	µg/L	0	WA
		Iron, total recoverable	112	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.05	Y	µg/L	0	WA
		Magnesium, total recoverable	1,050	1	Y	µg/L	0	WA
		Magnesium, total recoverable	1,050	1	Y	µg/L	0	WA
		Manganese, total recoverable	6.8	1	Y	µg/L	0	WA
		Manganese, total recoverable	6.5	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.05	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	8.2	1	JY	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	59	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Potassium, total recoverable	538	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	12,300	2.1	Y	µg/L	0	WA
		Silica, total recoverable	12,300	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	15,600	1	Y	µg/L	0	WA
		Sodium, total recoverable	15,400	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA

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

WELL LFW 38 collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	2.7	1	JY	µg/L	1	WA
		Toluene	1.3	1	JY	µg/L	0	WA
		Total dissolved solids	97,000	1	Y	µg/L	0	WA
		Total organic carbon	2,900	1	Y	µg/L	0	WA
		Total organic halogens	455	6.66	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	2,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.05	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08		µg/L	0	WA
		1,1,1-Trichloroethane	20	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	20	1	Y	µg/L	2	WA
		Trichlorofluoromethane	82	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	21	1	Y	µg/L	0	WA
		Gross alpha	2.2E+00	1		pCi/L	0	TM
		Gross alpha	2.0E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.0E+00	1		pCi/L	0	TM
		Nonvolatile beta	3.1E+00	1		pCi/L	0	TM
		Radium-226	1.2E+00	1		pCi/L	0	TM
		Radium-226	1.1E+00	1		pCi/L	0	TM
		Radium-228	1.8E+00	1		pCi/L	0	TM
		Tritium	1.9E+01	1		pCi/mL	1	TM
		Tritium	1.8E+01	1		pCi/mL	1	TM

WELL LFW 39

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

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 28.33 ft (8.64 m) below TOC
Water elevation: 143.07 ft (43.61 m) msl
Sp. conductance: 126 µS/cm
Turbidity: 0.3 NTU
Water evacuated before sampling: 92 gal

Time: 10:38
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 20.0 °C

Volumes purged: 11.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
●		pH	4.7	1	JY	pH	0	WA
		Specific conductance	117	1	Y	µS/cm	0	WA
		Acetone	<11	1	JY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA

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

WELL LFW 39 collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	40	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	9.7	1	Y	µg/L	0	WA
		Benzene	2.8	1	JY	µg/L	1	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,630	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	20,700	5	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	8.3	1	JY	µg/L	1	WA
	■	Chloroethene (Vinyl chloride)	4.3	1	JY	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	49	1	Y	µg/L	2	WA
		1,1-Dichloroethane	137	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	6.5	1	Y	µg/L	1	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)		1	LY	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	196	1.25	VY	µg/L	2	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1		µg/L	0	WA
		1,2-Dichloropropane	2.5	1	JY	µg/L	1	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.05	Y	µg/L	0	WA
		Ethylbenzene	3.7	1	JY	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	1,570	1	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.05	Y	µg/L	0	WA
		Magnesium, total recoverable	3,020	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.05	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	2.2	1	JY	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	48	1	Y	µg/L	0	WA

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

WELL LFW 39 collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	723	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	2.3	1	Y	µg/L	0	WA
		Silica, total recoverable	13,800	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	13,700	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	7,200	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
	■	Tetrachloroethylene	7.2	1	Y	µg/L	2	WA
		Toluene	1.1	1	JY	µg/L	0	WA
		Total dissolved solids	116,000	1	Y	µg/L	0	WA
		Total organic carbon	4,100	1	Y	µg/L	0	WA
		Total organic halogens	1,160	10	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.05	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1		µg/L	0	WA
		1,1,1-Trichloroethane	19	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	28	1	Y	µg/L	2	WA
		Trichlorofluoromethane	40	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	110	1	Y	µg/L	0	WA
		Gross alpha	3.4E+00	1		pCi/L	0	TM
		Nonvolatile beta	5.4E+00	1		pCi/L	0	TM
		Radium-226	3.1E+00	1		pCi/L	0	TM
		Radium-228	7.0E-01	1		pCi/L	0	TM
		Radium-228	2.8E+00	1		pCi/L	0	TM
		Tritium	4.7E+00	1		pCi/mL	0	TM

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

WELL LFW 40

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

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 28.16 ft (8.58 m) below TOC
Water elevation: 142.84 ft (43.54 m) msl
Sp. conductance: 345 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 93 gal

Time: 9:00
pH: 6.3
Alkalinity: 165 mg/L
Water temperature: 19.5 °C

Volumes purged: 12.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.6	1	JY	pH	0	WA
		Specific conductance	179	1	Y	µS/cm	0	WA
		Acetone	79	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	25	1	Y	µg/L	0	WA
		Barium, total recoverable	5.6	1	Y	µg/L	0	WA
		Benzene	1.1	1	JY	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	5,950	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	8,410	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	8.6	1	JY	µg/L	1	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	1.0	1	JY	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	6.9	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	58	1	Y	µg/L	2	WA
		1,1-Dichloroethane	70	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	4.2	1	JY	µg/L	1	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	188	1	VY	µg/L	2	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.15		µg/L	0	WA

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

WELL LFW 40 collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	2.7	1	JY	µg/L	1	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin		1.08	RY4	µg/L	0	WA
•		Endrin	<0.10	1.04	JY	µg/L	0	WA
		Ethylbenzene	14	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	68,800	5	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane		1.08	RY4	µg/L	0	WA
•		Lindane	<0.052	1.04	JY	µg/L	0	WA
		Magnesium, total recoverable	7,240	1	Y	µg/L	0	WA
		Manganese, total recoverable	15	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
•		Methoxychlor	<0.52	1.04	JY	µg/L	0	WA
		Methyl ethyl ketone	117	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	158	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	48	1	Y	µg/L	1	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,340	2.1	Y	µg/L	0	WA
		Silver, total recoverable	2.2	1	Y	µg/L	0	WA
		Sodium, total recoverable	13,500	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
	■	Tetrachloroethylene	9.4	1	Y	µg/L	2	WA
		Toluene	8.3	1	Y	µg/L	0	WA
		Total dissolved solids	175,000	1	Y	µg/L	0	WA
		Total organic carbon	29,400	2	Y	µg/L	2	WA
		Total organic halogens	408	6.66	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	74,000	1		µg/L	0	GE
		Toxaphene		1.08	RY4	µg/L	0	WA
•		Toxaphene	<1.0	1.04	JY	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.58	1.15		µg/L	0	WA
		1,1,1-Trichloroethane	36	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	29	1	Y	µg/L	2	WA
		Trichlorofluoromethane	93	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	67	1	Y	µg/L	0	WA
		Gross alpha	3.5E+00	1		pCi/L	0	TM
		Nonvolatile beta	<8.0E-01	1		pCi/L	0	TM
		Radium-226	5.1E-01	1		pCi/L	0	TM

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

WELL LFW 40 collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Radium-228	6.4E+00	1		pCi/L	0	TM
		Tritium	4.5E+00	1		pCi/mL	0	TM

WELL LFW 41

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

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 26.56 ft (8.10 m) below TOC
Water elevation: 143.94 ft (43.87 m) msl
Sp. conductance: 16 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 100 gal

Time: 8:15
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 19.0 °C

Volumes purged: 11.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.1	1	JY	pH	0	WA
		Specific conductance	14	1	Y	µS/cm	0	WA
		Acetone	<11	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	203	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,450	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA

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

WELL LFW 41 collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dichlorodifluoromethane	6.8	1	JY	µg/L	1	WA
		1,1-Dichloroethane	2.1	1	JY	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<21	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09		µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	73	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	3.1	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Magnesium, total recoverable	272	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	52	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,280	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,500	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	48,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	31	1.33	Y	µg/L	1	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09		µg/L	0	WA
		1,1,1-Trichloroethane	3.5	1	JY	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	1.5	1	JY	µg/L	0	WA
		Trichlorofluoromethane	14	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 41 collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	1.3E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.7E+00	1		pCi/L	0	TM
		Radium-226	9.6E-01	1		pCi/L	0	TM
		Radium-228	7.2E+00	1		pCi/L	0	TM
		Tritium	1.4E+00	1		pCi/mL	0	TM

WELL LFW 42

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

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 23.70 ft (7.22 m) below TOC
Water elevation: 146.40 ft (44.62 m) msl
Sp. conductance: 18 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 66 gal

Time: 12:34
pH: 4.7
Alkalinity: 1 mg/L
Water temperature: 18.9 °C

Volumes purged: 6.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.0	1	JY	pH	0	WA
		Specific conductance	15	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	292	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,190	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA

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

WELL LFW 42 collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	2.8	1	JY	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.04	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	<24	1	JVY	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.052	1.04	Y	µg/L	0	WA
		Magnesium, total recoverable	344	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.04	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	96	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,770	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,550	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	110,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	19	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.04	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	5.9	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	18	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA

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

WELL LFW 42 collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	8.7E+00	1		pCi/L	1	TM
		Nonvolatile beta	6.0E+00	1		pCi/L	0	TM
		Radium-226	1.2E+00	1		pCi/L	0	TM
		Radium-228	7.0E-01	1		pCi/L	0	TM
		Tritium	2.6E+00	1		pCi/mL	0	TM

WELL LFW 43B

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 37.33 ft (11.38 m) below TOC
Water elevation: 165.67 ft (50.50 m) msl
Sp. conductance: 23 µS/cm
Turbidity: 6.4 NTU
Water evacuated before sampling: 331 gal

Time: 9:11
pH: 5.5
Alkalinity: 1 mg/L
Water temperature: 19.0 °C

Volumes purged: 6.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.6	1	J1	pH	0	GE
•		pH	5.8	1	J1	pH	0	GE
•		pH	5.7	1	J1	pH	0	GE
•		pH	5.4	1	JY	pH	0	WA
•		pH	5.6	1	JY	pH	0	WA
		Specific conductance	18	1		µS/cm	0	GE
		Specific conductance	18	1		µS/cm	0	GE
		Specific conductance	17	1	Y	µS/cm	0	WA
		Specific conductance	18	1	Y	µS/cm	0	WA
		Acetone	<100	1		µg/L	0	GE
		Acetone	<100	1		µg/L	0	GE
		Acetone	<10	1	VY	µg/L	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<5.0	1		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	<5.0	1		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<20	1		µg/L	0	GE
		Acrolein	<20	1		µg/L	0	GE
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<20	1		µg/L	0	GE
		Acrylonitrile	<20	1		µg/L	0	GE
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<50	1		µg/L	0	GE

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

WELL LFW 43B collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Allyl chloride	<50	1		µg/L	0	GE
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	188	1		µg/L	2	GE
		Aluminum, total recoverable	193	1		µg/L	2	GE
		Aluminum, total recoverable	54	1	Y	µg/L	2	WA
		Aluminum, total recoverable	64	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1		µg/L	0	GE
		Arsenic, total recoverable	<2.0	1		µg/L	0	GE
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	5.8	1		µg/L	0	GE
		Barium, total recoverable	5.5	1		µg/L	0	GE
		Barium, total recoverable	4.6	1	Y	µg/L	0	WA
		Barium, total recoverable	4.8	1	Y	µg/L	0	WA
		Benzene	<1.0	1		µg/L	0	GE
		Benzene	<1.0	1		µg/L	0	GE
		Benzene	<1.0	1		µg/L	0	GE
		Benzene	<5.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<10	1		µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	1		µg/L	0	GE
		Bromodichloromethane	<1.0	1		µg/L	0	GE
		Bromodichloromethane	<1.0	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<1.0	1		µg/L	0	GE
		Bromoform	<1.0	1		µg/L	0	GE
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<1.0	1		µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	1		µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1		µg/L	0	GE
		Cadmium, total recoverable	<2.0	1		µg/L	0	GE
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,240	1		µg/L	0	GE
		Calcium, total recoverable	1,190	1		µg/L	0	GE
		Calcium, total recoverable	948	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,010	1	Y	µg/L	0	WA
		Carbon disulfide	<10	1		µg/L	0	GE
		Carbon disulfide	<10	1		µg/L	0	GE
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<1.0	1		µg/L	0	GE
		Carbon tetrachloride	<1.0	1		µg/L	0	GE
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,770	1		µg/L	0	GE
		Chloride	1,790	1		µg/L	0	GE
		Chloride	1,360	1	Y	µg/L	0	WA
		Chloride	1,320	1	Y	µg/L	0	WA
		Chlorobenzene	<1.0	1		µg/L	0	GE
		Chlorobenzene	<1.0	1		µg/L	0	GE

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WELL LFW 43B collected on 06/03/94, laboratory analyses (cont.)

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

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WELL LFW 43B collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1-Dichloroethane	<1.0	1		µg/L	0	GE
		1,1-Dichloroethane	<1.0	1		µg/L	0	GE
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<1.0	1		µg/L	0	GE
		1,2-Dichloroethane	<1.0	1		µg/L	0	GE
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<1.0	1		µg/L	0	GE
		1,1-Dichloroethylene	<1.0	1		µg/L	0	GE
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<1.0	1		µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	1		µg/L	0	GE
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<1.0	1		µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	1		µg/L	0	GE
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<0.0015	1	J3	µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0015	1		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0015	1		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		1,2-Dichloropropane	<1.0	1		µg/L	0	GE
		1,2-Dichloropropane	<1.0	1		µg/L	0	GE
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
•		Endrin	<0.0060	1	J1	µg/L	0	GE
•		Endrin	<0.0059	1	J1	µg/L	0	GE
		Endrin	<0.11	1.08	Y	µg/L	0	WA
		Endrin	<0.10	1.03	Y	µg/L	0	WA
		Ethylbenzene	<1.0	1		µg/L	0	GE
		Ethylbenzene	<1.0	1		µg/L	0	GE
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1		µg/L	0	GE
		Fluoride	<100	1		µg/L	0	GE
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1		µg/L	0	GE
		2-Hexanone	<10	1		µg/L	0	GE
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<15	1		µg/L	0	GE
		Iodomethane (Methyl iodide)	<15	1		µg/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA

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WELL LFW 43B collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	106	1		µg/L	0	GE
		Iron, total recoverable	94	1		µg/L	0	GE
		Iron, total recoverable	107	1	Y	µg/L	0	WA
		Iron, total recoverable	126	1	Y	µg/L	0	WA
		Isobutyl alcohol	<100	1		µg/L	0	GE
		Isobutyl alcohol	<100	1		µg/L	0	GE
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1		µg/L	0	GE
		Lead, total recoverable	<3.0	1		µg/L	0	GE
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
•		Lindane	<0.0050	1	J1	µg/L	0	GE
•		Lindane	<0.0050	1	J1	µg/L	0	GE
		Lindane	<0.054	1.08	Y	µg/L	0	WA
		Lindane	<0.052	1.03	Y	µg/L	0	WA
		Magnesium, total recoverable	335	1		µg/L	0	GE
		Magnesium, total recoverable	324	1		µg/L	0	GE
		Magnesium, total recoverable	232	1	Y	µg/L	0	WA
		Magnesium, total recoverable	235	1	Y	µg/L	0	WA
		Manganese, total recoverable	8.3	1		µg/L	0	GE
		Manganese, total recoverable	7.1	1		µg/L	0	GE
		Manganese, total recoverable	5.9	1	Y	µg/L	0	WA
		Manganese, total recoverable	6.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1		µg/L	0	GE
		Mercury, total recoverable	<0.20	1		µg/L	0	GE
		Mercury, total recoverable	<0.20	1		µg/L	0	GE
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<50	1		µg/L	0	GE
		Methacrylonitrile	<50	1		µg/L	0	GE
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
•		Methoxychlor	<0.50	1	J1	µg/L	0	GE
•		Methoxychlor	<0.50	1	J1	µg/L	0	GE
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.03	Y	µg/L	0	WA
		Methyl ethyl ketone	<1.0	1		µg/L	0	GE
		Methyl ethyl ketone	<1.0	1		µg/L	0	GE
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1		µg/L	0	GE
		Methyl isobutyl ketone	<10	1		µg/L	0	GE
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1		µg/L	0	GE
		Nickel, total recoverable	<4.0	1		µg/L	0	GE
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	681	1	Y	µg/L	0	WA
		Nitrate as nitrogen	681	1	Y	µg/L	0	WA
		Nitrate-nitrite as nitrogen	877	1		µg/L	0	GE
		Nitrate-nitrite as nitrogen	900	1		µg/L	0	GE
		Phenols	<5.0	1		µg/L	0	GE
		Phenols	<5.0	1		µg/L	0	GE

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WELL LFW 43B collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1		µg/L	0	GE
		Potassium, total recoverable	<500	1		µg/L	0	GE
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<200	1		µg/L	0	GE
		Propionitrile	<200	1		µg/L	0	GE
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1		µg/L	0	GE
		Selenium, total recoverable	<2.0	1		µg/L	0	GE
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	9,120	1		µg/L	0	GE
		Silica, total recoverable	8,960	1		µg/L	0	GE
		Silica, total recoverable	5,620	2.1	Y	µg/L	0	WA
		Silica, total recoverable	5,710	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1		µg/L	0	GE
		Silver, total recoverable	<2.0	1		µg/L	0	GE
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,500	1		µg/L	0	GE
		Sodium, total recoverable	1,450	1		µg/L	0	GE
		Sodium, total recoverable	1,140	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,160	1	Y	µg/L	0	WA
		Styrene	<10	1		µg/L	0	GE
		Styrene	<10	1		µg/L	0	GE
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	2,080	1		µg/L	0	GE
		Sulfate	2,130	1		µg/L	0	GE
		Sulfate	<1,000	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<1.0	1		µg/L	0	GE
		Tetrachloroethylene	<1.0	1		µg/L	0	GE
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<1.0	1		µg/L	0	GE
		Toluene	<1.0	1		µg/L	0	GE
		Toluene	<1.0	1		µg/L	0	GE
		Toluene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	16,000	1		µg/L	0	GE
		Total dissolved solids	23,000	1		µg/L	0	GE
		Total dissolved solids	26,000	1	Y	µg/L	0	WA
		Total dissolved solids	28,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1		µg/L	0	GE

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

WELL LFW 43B collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Total organic carbon	<1,000	1		µg/L	0	GE
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1		µg/L	0	GE
		Total organic halogens	<5.0	1		µg/L	0	GE
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1		µg/L	0	GE
		Total phosphates (as P)	<50	1		µg/L	0	GE
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	9,000	1		µg/L	0	GE
		Total suspended solids	5,000	1		µg/L	0	GE
•		Toxaphene	<0.24	1	J1	µg/L	0	GE
•		Toxaphene	<0.24	1	J1	µg/L	0	GE
		Toxaphene	<1.1	1.08	Y	µg/L	0	WA
		Toxaphene	<1.0	1.03	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.00044	1	J3	µg/L	0	GE
		2,4,5-TP (Silvex)	<0.00046	1		µg/L	0	GE
		2,4,5-TP (Silvex)	<0.00046	1		µg/L	0	GE
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<1.0	1		µg/L	0	GE
		Trichloroethylene	<1.0	1		µg/L	0	GE
		Trichloroethylene	<1.0	1		µg/L	0	GE
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<1.0	1		µg/L	0	GE
		Trichlorofluoromethane	<1.0	1		µg/L	0	GE
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<1.0	1		µg/L	0	GE
		1,2,3-Trichloropropane	<1.0	1		µg/L	0	GE
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<8.0	1		µg/L	0	GE
		Vanadium, total recoverable	<8.0	1		µg/L	0	GE
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1		µg/L	0	GE
		Vinyl acetate	<10	1		µg/L	0	GE
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<2.0	1		µg/L	0	GE
		Xylenes	<2.0	1		µg/L	0	GE
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	2.3E+00	1	J	pCi/L	0	GP

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WELL LFW 43B collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	5.1E-01	1	J	pCi/L	0	GP
		Gross alpha	5.6E+00	1		pCi/L	0	TM
		Gross alpha	2.3E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.7E+00	1	J	pCi/L	0	GP
		Nonvolatile beta	-1.5E-01	1	UI	pCi/L	0	GP
		Nonvolatile beta	3.1E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.2E+00	1		pCi/L	0	TM
		Radium-226	1.8E+00	1		pCi/L	0	TM
		Radium-226	1.6E+00	1		pCi/L	0	TM
		Radium-228	4.0E-01	1		pCi/L	0	TM
		Radium-228	1.4E+00	1		pCi/L	0	TM
		Radium, total alpha-emitting	1.4E+00	1		pCi/L	0	GP
		Radium, total alpha-emitting	1.4E+00	1		pCi/L	0	GP
		Tritium	9.6E-01	1	J	pCi/mL	0	GP
		Tritium	1.2E+00	1		pCi/mL	0	GP
		Tritium	1.1E+00	1		pCi/mL	0	TM
		Tritium	1.1E+00	1		pCi/mL	0	TM

WELL LFW 43C

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 36.86 ft (11.24 m) below TOC
Water elevation: 165.74 ft (50.52 m) msl
Sp. conductance: 21 µS/cm
Turbidity: 0.2 NTU
Water evacuated before sampling: 250 gal
Time: 8:44
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 18.7 °C
Volumes purged: 10.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	16	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	749	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA

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WELL LFW 43C collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,340	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.04	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	5.6	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.052	1.04	Y	µg/L	0	WA
		Magnesium, total recoverable	368	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.3	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.04	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	390	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,030	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,080	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA

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WELL LFW 43C collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Total dissolved solids	21,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.04	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.5E+00	1		pCi/L	0	TM
		Nonvolatile beta	<7.5E-01	1		pCi/L	0	TM
		Radium-226	2.0E+00	1		pCi/L	0	TM
		Radium-228	8.0E-01	1		pCi/L	0	TM
		Tritium	2.6E+00	1		pCi/mL	0	TM

WELL LFW 43D

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 36.57 ft (11.15 m) below TOC
Water elevation: 166.33 ft (50.70 m) msl
Sp. conductance: 18 µS/cm
Turbidity: 0.1 NTU
Water evacuated before sampling: 275 gal
Time: 9:55
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 19.2 °C
Volumes purged: 27.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	14	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	6.5	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA

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WELL LFW 43D collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	463	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,350	1	Y	µg/L	0	WA
		Chloride	1,320	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<110	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.05	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	6.8	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.05	Y	µg/L	0	WA
		Magnesium, total recoverable	489	1	Y	µg/L	0	WA
		Manganese, total recoverable	4.6	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.05	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	310	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,180	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	848	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 43D collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	17,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.05	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.2E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.5E+00	1		pCi/L	0	TM
		Radium-226	1.1E+00	1		pCi/L	0	TM
		Radium-228	1.2E+00	1		pCi/L	0	TM
		Tritium	1.7E+00	1		pCi/mL	0	TM

WELL LFW 44D

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

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 15.80 ft (4.82 m) below TOC
Water elevation: 154.50 ft (47.09 m) msl
Sp. conductance: 25 µS/cm
Turbidity: 0.7 NTU
Water evacuated before sampling: 177 gal

Time: 11:13
pH: 4.6
Alkalinity: 0 mg/L
Water temperature: 18.1 °C

Volumes purged: 18.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.0	1	JY	pH	0	WA
		Specific conductance	25	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	25	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA

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

WELL LFW 44D collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	591	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	3,070	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.04	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	63	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.052	1.04	Y	µg/L	0	WA
		Magnesium, total recoverable	513	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.04	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	562	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	898	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA

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

WELL LFW 44D collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Silica, total recoverable	5,940	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,310	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	18,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	5.5	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.04	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	8.2E+00	1		pCi/L	1	TM
		Nonvolatile beta	8.6E+00	1		pCi/L	0	TM
		Radium-226	3.0E+00	1		pCi/L	0	TM
		Radium-228	3.8E+00	1		pCi/L	0	TM
		Tritium	2.7E+00	1		pCi/mL	0	TM

WELL LFW 45D

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

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 14.53 ft (4.43 m) below TOC
Water elevation: 151.77 ft (46.26 m) msl
Sp. conductance: 27 µS/cm
Turbidity: 0.3 NTU
Water evacuated before sampling: 217 gal

Time: 14:32
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 17.1 °C

Volumes purged: 19.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.9	1	JY	pH	0	WA
		Specific conductance	23	1	Y	µS/cm	0	WA
		Acetone	<11	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA

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WELL LFW 45D collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	22	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	6.9	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	954	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,760	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	4.6	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<21	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08		µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.04	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	21	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.052	1.04	Y	µg/L	0	WA
		Magnesium, total recoverable	701	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.6	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.04	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	285	1	Y	µg/L	0	WA

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

WELL LFW 45D collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Phenols	5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	783	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,930	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,080	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	2,000	1	Y	µg/L	0	WA
		Sulfate	1,850	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	57,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	8.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.04	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.4E+00	1		pCi/L	0	TM
		Nonvolatile beta	3.5E+00	1		pCi/L	0	TM
		Radium-226	2.2E+00	1		pCi/L	0	TM
		Radium-228	2.0E+00	1		pCi/L	0	TM
		Tritium	1.8E+00	1		pCi/mL	0	TM

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

WELL LFW 46D

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

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 14.60 ft (4.45 m) below TOC
Water elevation: 150.50 ft (45.87 m) msl
Sp. conductance: 122 µS/cm
Turbidity: 0.9 NTU
Water evacuated before sampling: 403 gal

Time: 13:27
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 17.8 °C

Volumes purged: 46.5 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	111	1	Y	µS/cm	0	WA
		Acetone	<11	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	26	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	15	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	10,500	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	3,980	1	Y	µg/L	0	WA
		Chloride	3,970	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<21	1	JVY	µg/L	0	WA

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

WELL LFW 46D collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08		µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	37	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.1	Y	µg/L	0	WA
		Magnesium, total recoverable	4,090	1	Y	µg/L	0	WA
		Manganese, total recoverable	8.9	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	303	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	1,060	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,600	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,500	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	39,700	5	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	113,000	1	Y	µg/L	0	WA
		Total organic carbon	1,200	1	Y	µg/L	0	WA
		Total organic halogens	11	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	19,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	8.6E+00	1		pCi/L	1	TM
		Nonvolatile beta	1.1E+01	1		pCi/L	0	TM
		Radium-226	6.1E-01	1		pCi/L	0	TM
		Radium-228	3.9E+00	1		pCi/L	0	TM
		Tritium	1.8E+00	1		pCi/mL	0	TM

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WELL LFW 47C

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

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 13.19 ft (4.02 m) below TOC
Water elevation: 148.21 ft (45.17 m) msl
Sp. conductance: 36 µS/cm
Turbidity: 0.5 NTU
Water evacuated before sampling: 316 gal

Time: 9:11
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 18.4 °C

Volumes purged: 11.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.4	1	J1	pH	0	GE
•		pH	5.4	1	J1	pH	0	GE
•		pH	5.3	1	J1	pH	0	GE
•		pH	5.5	1	JY	pH	0	WA
•		pH	5.6	1	JY	pH	0	WA
•		pH	5.7	1	JY	pH	0	WA
		Specific conductance	27	1		µS/cm	0	GE
		Specific conductance	27	1		µS/cm	0	GE
		Specific conductance	28	1	Y	µS/cm	0	WA
		Specific conductance	27	1	Y	µS/cm	0	WA
		Acetone	<100	1		µg/L	0	GE
		Acetone	<100	1		µg/L	0	GE
		Acetone	<10	1	Y	µg/L	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<5.0	1		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	<5.0	1		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<20	1		µg/L	0	GE
		Acrolein	<20	1		µg/L	0	GE
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<20	1		µg/L	0	GE
		Acrylonitrile	<20	1		µg/L	0	GE
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<50	1		µg/L	0	GE
		Allyl chloride	<50	1		µg/L	0	GE
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1		µg/L	0	GE
		Aluminum, total recoverable	<20	1		µg/L	0	GE
		Aluminum, total recoverable	<20	1		µg/L	0	GE
		Aluminum, total recoverable	<20	1		µg/L	0	GE
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1		µg/L	0	GE
		Arsenic, total recoverable	<2.0	1		µg/L	0	GE
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA

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WELL LFW 47C collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	3.8	1	J	µg/L	0	GE
		Barium, total recoverable	3.8	1	J	µg/L	0	GE
		Barium, total recoverable	3.9	1	J	µg/L	0	GE
		Barium, total recoverable	3.8	1	J	µg/L	0	GE
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<1.0	1		µg/L	0	GE
		Benzene	<1.0	1		µg/L	0	GE
		Benzene	<5.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<10	1		µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	1		µg/L	0	GE
		Bromodichloromethane	<1.0	1		µg/L	0	GE
		Bromodichloromethane	<1.0	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<1.0	1		µg/L	0	GE
		Bromoform	<1.0	1		µg/L	0	GE
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<1.0	1		µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	1		µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1		µg/L	0	GE
		Cadmium, total recoverable	<2.0	1		µg/L	0	GE
		Cadmium, total recoverable	<2.0	1		µg/L	0	GE
		Cadmium, total recoverable	<2.0	1		µg/L	0	GE
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	792	1		µg/L	0	GE
		Calcium, total recoverable	796	1		µg/L	0	GE
		Calcium, total recoverable	832	1		µg/L	0	GE
		Calcium, total recoverable	832	1		µg/L	0	GE
		Calcium, total recoverable	760	1	Y	µg/L	0	WA
		Calcium, total recoverable	746	1	Y	µg/L	0	WA
		Carbon disulfide	<10	1		µg/L	0	GE
		Carbon disulfide	<10	1		µg/L	0	GE
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<1.0	1		µg/L	0	GE
		Carbon tetrachloride	<1.0	1		µg/L	0	GE
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	3,070	1		µg/L	0	GE
		Chloride	3,070	1		µg/L	0	GE
		Chloride	3,050	1		µg/L	0	GE
		Chloride	3,020	1		µg/L	0	GE
		Chloride	3,100	1	Y	µg/L	0	WA
		Chloride	2,940	1	Y	µg/L	0	WA
		Chlorobenzene	<1.0	1		µg/L	0	GE
		Chlorobenzene	<1.0	1		µg/L	0	GE
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<1.0	1		µg/L	0	GE

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WELL LFW 47C collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chloroethane	<1.0	1		µg/L	0	GE
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<1.0	1		µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	1		µg/L	0	GE
		Chloroethene (Vinyl chloride)	1.4	1	JY	µg/L	1	WA
		Chloroethene (Vinyl chloride)	1.4	1	JY	µg/L	1	WA
		Chloroform	<1.0	1		µg/L	0	GE
		Chloroform	<1.0	1		µg/L	0	GE
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<1.0	1		µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	1		µg/L	0	GE
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<200	1		µg/L	0	GE
		Chloroprene	<200	1		µg/L	0	GE
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1		µg/L	0	GE
		Chromium, total recoverable	<4.0	1		µg/L	0	GE
		Chromium, total recoverable	<4.0	1		µg/L	0	GE
		Chromium, total recoverable	<4.0	1		µg/L	0	GE
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1		µg/L	0	GE
		Copper, total recoverable	<4.0	1		µg/L	0	GE
		Copper, total recoverable	<4.0	1		µg/L	0	GE
		Copper, total recoverable	<4.0	1		µg/L	0	GE
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<1.0	1		µg/L	0	GE
		Dibromochloromethane	<1.0	1		µg/L	0	GE
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<5.0	1		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	<5.0	1		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1		µg/L	0	GE
		1,2-Dibromoethane	<20	1		µg/L	0	GE
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<1.0	1		µg/L	0	GE
		Dibromomethane (Methylene bromide)	<1.0	1		µg/L	0	GE
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<30	1		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	<30	1		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<1.0	1		µg/L	0	GE
		Dichlorodifluoromethane	<1.0	1		µg/L	0	GE
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<1.0	1		µg/L	0	GE

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WELL LFW 47C collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1-Dichloroethane	<1.0	1		µg/L	0	GE
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<1.0	1		µg/L	0	GE
		1,2-Dichloroethane	<1.0	1		µg/L	0	GE
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<1.0	1		µg/L	0	GE
		1,1-Dichloroethylene	<1.0	1		µg/L	0	GE
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<1.0	1		µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	1		µg/L	0	GE
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<1.0	1		µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	1		µg/L	0	GE
		Dichloromethane (Methylene chloride)	<17	1	JVY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<17	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<0.0075	5		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0073	5		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<1.0	1.05	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.0	1.05	Y	µg/L	0	WA
		1,2-Dichloropropane	<1.0	1		µg/L	0	GE
		1,2-Dichloropropane	<1.0	1		µg/L	0	GE
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
•		Endrin	<0.0061	1	J1	µg/L	0	GE
•		Endrin	<0.0060	1	J1	µg/L	0	GE
		Endrin	<0.11	1.05	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<1.0	1		µg/L	0	GE
		Ethylbenzene	<1.0	1		µg/L	0	GE
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1		µg/L	0	GE
		Fluoride	<100	1		µg/L	0	GE
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1		µg/L	0	GE
		2-Hexanone	<10	1		µg/L	0	GE
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<15	1		µg/L	0	GE
		Iodomethane (Methyl iodide)	<15	1		µg/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	5.9	1	J	µg/L	0	GE

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WELL LFW 47C collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Iron, total recoverable	5.8	1	J	µg/L	0	GE
		Iron, total recoverable	4.1	1	J	µg/L	0	GE
		Iron, total recoverable	4.3	1	J	µg/L	0	GE
		Iron, total recoverable	13	1	Y	µg/L	0	WA
		Iron, total recoverable	7.9	1	Y	µg/L	0	WA
		Isobutyl alcohol	<100	1		µg/L	0	GE
		Isobutyl alcohol	<100	1		µg/L	0	GE
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1		µg/L	0	GE
		Lead, total recoverable	<3.0	1		µg/L	0	GE
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
•		Lindane	<0.0051	1	J1	µg/L	0	GE
•		Lindane	<0.0050	1	J1	µg/L	0	GE
		Lindane	<0.053	1.05	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Magnesium, total recoverable	1,140	1		µg/L	0	GE
		Magnesium, total recoverable	1,150	1		µg/L	0	GE
		Magnesium, total recoverable	1,210	1		µg/L	0	GE
		Magnesium, total recoverable	1,210	1		µg/L	0	GE
		Magnesium, total recoverable	1,010	1	Y	µg/L	0	WA
		Magnesium, total recoverable	993	1	Y	µg/L	0	WA
		Manganese, total recoverable	6.0	1		µg/L	0	GE
		Manganese, total recoverable	6.1	1		µg/L	0	GE
		Manganese, total recoverable	6.4	1		µg/L	0	GE
		Manganese, total recoverable	6.4	1		µg/L	0	GE
		Manganese, total recoverable	5.8	1	Y	µg/L	0	WA
		Manganese, total recoverable	5.7	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1		µg/L	0	GE
		Mercury, total recoverable	<0.20	1		µg/L	0	GE
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<50	1		µg/L	0	GE
		Methacrylonitrile	<50	1		µg/L	0	GE
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
•		Methoxychlor	<0.51	1	J1	µg/L	0	GE
•		Methoxychlor	<0.50	1	J1	µg/L	0	GE
		Methoxychlor	<0.53	1.05	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<1.0	1		µg/L	0	GE
		Methyl ethyl ketone	<1.0	1		µg/L	0	GE
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1		µg/L	0	GE
		Methyl isobutyl ketone	<10	1		µg/L	0	GE
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1		µg/L	0	GE
		Nickel, total recoverable	<4.0	1		µg/L	0	GE
		Nickel, total recoverable	<4.0	1		µg/L	0	GE
		Nickel, total recoverable	<4.0	1		µg/L	0	GE
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	283	1	Y	µg/L	0	WA

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

WELL LFW 47C collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Nitrate as nitrogen	287	1	Y	µg/L	0	WA
		Nitrate-nitrite as nitrogen	342	1		µg/L	0	GE
		Nitrate-nitrite as nitrogen	393	1		µg/L	0	GE
		Phenols	<5.0	1		µg/L	0	GE
		Phenols	<5.0	1		µg/L	0	GE
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1		µg/L	0	GE
		Potassium, total recoverable	<500	1		µg/L	0	GE
		Potassium, total recoverable	<500	1		µg/L	0	GE
		Potassium, total recoverable	<500	1		µg/L	0	GE
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<200	1		µg/L	0	GE
		Propionitrile	<200	1		µg/L	0	GE
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1		µg/L	0	GE
		Selenium, total recoverable	<2.0	1		µg/L	0	GE
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	7,640	1		µg/L	0	GE
		Silica, total recoverable	7,670	1		µg/L	0	GE
		Silica, total recoverable	7,680	1		µg/L	0	GE
		Silica, total recoverable	7,700	1		µg/L	0	GE
		Silica, total recoverable	6,440	2.1	Y	µg/L	0	WA
		Silica, total recoverable	6,230	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1		µg/L	0	GE
		Silver, total recoverable	<2.0	1		µg/L	0	GE
		Silver, total recoverable	<2.0	1		µg/L	0	GE
		Silver, total recoverable	<2.0	1		µg/L	0	GE
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,950	1		µg/L	0	GE
		Sodium, total recoverable	1,950	1		µg/L	0	GE
		Sodium, total recoverable	2,010	1		µg/L	0	GE
		Sodium, total recoverable	2,010	1		µg/L	0	GE
		Sodium, total recoverable	1,790	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,730	1	Y	µg/L	0	WA
		Styrene	<10	1		µg/L	0	GE
		Styrene	<10	1		µg/L	0	GE
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	2,300	1		µg/L	0	GE
		Sulfate	2,300	1		µg/L	0	GE
		Sulfate	2,350	1		µg/L	0	GE
		Sulfate	2,720	1		µg/L	0	GE
		Sulfate	<1,000	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA

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WELL LFW 47C collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<1.0	1		µg/L	0	GE
		Tetrachloroethylene	<1.0	1		µg/L	0	GE
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<1.0	1		µg/L	0	GE
		Toluene	<1.0	1		µg/L	0	GE
		Toluene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	20,000	1		µg/L	0	GE
		Total dissolved solids	26,000	1		µg/L	0	GE
		Total dissolved solids	38,000	1	Y	µg/L	0	WA
		Total dissolved solids	32,000	1	Y	µg/L	0	WA
		Total organic carbon	1,130	1	J	µg/L	0	GE
		Total organic carbon	<1,000	1		µg/L	0	GE
		Total organic carbon	<1,000	1		µg/L	0	GE
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1		µg/L	0	GE
		Total organic halogens	<5.0	1		µg/L	0	GE
		Total organic halogens	11	1	Y	µg/L	0	WA
		Total organic halogens	12	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1		µg/L	0	GE
		Total phosphates (as P)	<50	1		µg/L	0	GE
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total phosphates (as P)	65	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Total suspended solids	<1,000	1		µg/L	0	GE
•		Toxaphene	<0.24	1	J1	µg/L	0	GE
•		Toxaphene	<0.24	1	J1	µg/L	0	GE
		Toxaphene	<1.0	1.05	Y	µg/L	0	WA
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.0023	5		µg/L	0	GE
		2,4,5-TP (Silvex)	<0.0022	5		µg/L	0	GE
		2,4,5-TP (Silvex)	<0.53	1.05	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	1.05	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<1.0	1		µg/L	0	GE
		Trichloroethylene	<1.0	1		µg/L	0	GE
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<1.0	1		µg/L	0	GE
		Trichlorofluoromethane	<1.0	1		µg/L	0	GE
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<1.0	1		µg/L	0	GE
		1,2,3-Trichloropropane	<1.0	1		µg/L	0	GE
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA

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WELL LFW 47C collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Vanadium, total recoverable	<8.0	1		µg/L	0	GE
		Vanadium, total recoverable	<8.0	1		µg/L	0	GE
		Vanadium, total recoverable	<8.0	1		µg/L	0	GE
		Vanadium, total recoverable	<8.0	1		µg/L	0	GE
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1		µg/L	0	GE
		Vinyl acetate	<10	1		µg/L	0	GE
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<2.0	1		µg/L	0	GE
		Xylenes	<2.0	1		µg/L	0	GE
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	3.5E+00	1		pCi/L	0	GP
		Gross alpha	2.2E+00	1	J	pCi/L	0	GP
		Gross alpha	3.5E+00	1		pCi/L	0	TM
		Gross alpha	4.5E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.1E+00	1	J	pCi/L	0	GP
		Nonvolatile beta	2.3E+00	1	J	pCi/L	0	GP
		Nonvolatile beta	2.4E+00	1		pCi/L	0	TM
		Nonvolatile beta	3.4E+00	1		pCi/L	0	TM
		Radium-226	2.2E+00	1		pCi/L	0	TM
		Radium-226	1.9E+00	1		pCi/L	0	TM
		Radium-228	2.0E+00	1		pCi/L	0	TM
		Radium-228	2.2E+00	1		pCi/L	0	TM
		Radium, total alpha-emitting	1.8E+00	1		pCi/L	0	GP
		Radium, total alpha-emitting	2.7E+00	1		pCi/L	0	GP
		Tritium	2.3E+00	1		pCi/mL	0	GP
		Tritium	2.3E+00	1		pCi/mL	0	GP
		Tritium	2.6E+00	1		pCi/mL	0	TM
		Tritium	2.5E+00	1		pCi/mL	0	TM

WELL LFW 47D

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

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 12.96 ft (3.95 m) below TOC
Water elevation: 148.74 ft (45.34 m) msl
Sp. conductance: 38 µS/cm
Turbidity: 0.3 NTU
Water evacuated before sampling: 164 gal

Time: 8:49
pH: 5.0
Alkalinity: 1 mg/L
Water temperature: 17.2 °C

Volumes purged: 18.1 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.5	1	JY	pH	0	WA
		Specific conductance	29	1	Y	µS/cm	0	WA

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

WELL LFW 47D collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Specific conductance	29	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	12	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,850	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,530	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<17	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.06	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.05	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	7.0	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	33	1	Y	µg/L	1	WA
		Lindane	<0.053	1.05	Y	µg/L	0	WA
		Magnesium, total recoverable	956	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.5	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.05	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA

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WELL LFW 47D collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	121	1	Y	µg/L	0	WA
		Phenols	5.1	1	Y	µg/L	0	WA
		Potassium, total recoverable	639	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	4,410	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	777	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	4,150	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	36,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.05	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	1.06	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	4.0E-01	1		pCi/L	0	TM
		Nonvolatile beta	<6.7E-01	1		pCi/L	0	TM
		Radium-226	5.2E-01	1		pCi/L	0	TM
		Radium-228	<2.5E-01	1		pCi/L	0	TM
		Tritium	2.1E+00	1		pCi/mL	0	TM

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

WELL LFW 48C

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

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 21.09 ft (6.43 m) below TOC
Water elevation: 148.21 ft (45.17 m) msl
Sp. conductance: 30 µS/cm
Turbidity: 0.9 NTU
Water evacuated before sampling: 233 gal

Time: 10:22
pH: 5.3
Alkalinity: 1 mg/L
Water temperature: 19.1 °C

Volumes purged: 8.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.6	1	JY	pH	0	WA
		Specific conductance	24	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	11	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	917	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	3,050	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	2.0	1	JY	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<17	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA

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

WELL LFW 48C collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.03	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	11	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	3.0	1	Y	µg/L	0	WA
		Lindane	<0.052	1.03	Y	µg/L	0	WA
		Magnesium, total recoverable	371	1	Y	µg/L	0	WA
		Manganese, total recoverable	9.0	1	Y	µg/L	0	WA
	■	Mercury, total recoverable	3.0	1	Y	µg/L	2	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.03	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	445	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,430	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,080	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	34,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	13	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.03	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.9E+00	1		pCi/L	0	TM
		Nonvolatile beta	1.0E+00	1		pCi/L	0	TM
		Radium-226	8.7E-01	1		pCi/L	0	TM
		Radium-228	1.5E+00	1		pCi/L	0	TM
		Tritium	3.0E+00	1		pCi/mL	0	TM

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

WELL LFW 48D

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

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 20.94 ft (6.38 m) below TOC
Water elevation: 148.56 ft (45.28 m) msl
Sp. conductance: 552 µS/cm
Turbidity: 0.8 NTU
Water evacuated before sampling: 143 gal

Time: 10:44
pH: 6.9
Alkalinity: 215 mg/L
Water temperature: 18.9 °C

Volumes purged: 16.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	6.2	1	JY	pH	0	WA
		Specific conductance	279	1	Y	µS/cm	1	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	12	1	Y	µg/L	0	WA
		Barium, total recoverable	6.0	1	Y	µg/L	0	WA
		Benzene	3.1	1	JY	µg/L	1	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	8,240	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	25,300	5	Y	µg/L	0	WA
		Chlorobenzene	56	1	Y	µg/L	1	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
	■	Chloroethene (Vinyl chloride)	118	1	Y	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	4.3	1	JY	µg/L	0	WA
		1,1-Dichloroethane	40	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<17	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA

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

WELL LFW 48D collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.03	Y	µg/L	0	WA
		Ethylbenzene	4.5	1	Y	µg/L	0	WA
		Fluoride	194	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	83,900	5	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.052	1.03	Y	µg/L	0	WA
		Magnesium, total recoverable	14,700	1	Y	µg/L	0	WA
		Manganese, total recoverable	23	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.03	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	2,610	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,360	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	20,300	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	3.0	1	JY	µg/L	0	WA
		Total dissolved solids	145,000	1	Y	µg/L	0	WA
		Total organic carbon	5,110	1	Y	µg/L	1	WA
		Total organic halogens	319	5	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	112,000	1		µg/L	0	GE
		Total suspended solids	107,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.03	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	9.9	1	Y	µg/L	0	WA
		Gross alpha	8.9E+00	1		pCi/L	1	TM
		Nonvolatile beta	1.4E+01	1		pCi/L	0	TM
		Radium-226	2.2E+00	1		pCi/L	0	TM
		Radium-228	5.1E+00	1		pCi/L	0	TM
		Tritium	6.5E+00	1		pCi/mL	0	TM

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

WELL LFW 55C

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 10.08 ft (3.07 m) below TOC
Water elevation: 146.32 ft (44.60 m) msl
Sp. conductance: 33 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 340 gal

Time: 14:20
pH: 5.1
Alkalinity: 0 mg/L
Water temperature: 18.9 °C

Volumes purged: 9.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	25	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	720	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,920	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA

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

WELL LFW 55C collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	34	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Magnesium, total recoverable	768	1	Y	µg/L	0	WA
		Manganese, total recoverable	5.2	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	647	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	7,290	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,030	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	24,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	7.7	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	4.0E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.7E+00	1		pCi/L	0	TM
		Radium-226	1.5E+00	1		pCi/L	0	TM
		Radium-228	<1.1E-01	1		pCi/L	0	TM
		Tritium	1.5E+00	1		pCi/mL	0	TM

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

WELL LFW 55D

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 9.08 ft (2.77 m) below TOC
Water elevation: 146.32 ft (44.60 m) msl
Sp. conductance: 45 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 178 gal

Time: 14:00
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 18.5 °C

Volumes purged: 10.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
●		pH	5.4	1	JY	pH	0	WA
●		pH	5.4	1	JY	pH	0	WA
		Specific conductance	34	1	Y	µS/cm	0	WA
		Specific conductance	34	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	5.2	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,890	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 55D collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,480	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	6.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<30	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 55D collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.08	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	26	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	3.7	1	Y	µg/L	0	WA
		Lindane	<0.054	1.08	Y	µg/L	0	WA
		Magnesium, total recoverable	1,370	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.8	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	238	1	Y	µg/L	0	WA
		Nitrate as nitrogen	239	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	740	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,720	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,050	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	5,520	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA

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

WELL LFW 55D collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	31,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	12	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.08	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	2.4E+00	1		pCi/L	0	TM
		Nonvolatile beta	1.5E+00	1		pCi/L	0	TM
		Radium-226	1.5E+00	1		pCi/L	0	TM
		Radium-228	5.0E-01	1		pCi/L	0	TM
		Tritium	3.2E+00	1		pCi/mL	0	TM

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

WELL LFW 56D

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 13.22 ft (4.03 m) below TOC
Water elevation: 144.88 ft (44.16 m) msl
Sp. conductance: 25 µS/cm
Turbidity: 2.3 NTU
Water evacuated before sampling: 115 gal

Time: 14:54
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 17.8 °C

Volumes purged: 12.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.1	1	JY	pH	0	WA
		Specific conductance	19	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	29	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	362	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	3,080	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	1.0	1	JY	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	1.6	1	JY	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08	Y	µg/L	0	WA

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

WELL LFW 56D collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.08	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	332	1	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.054	1.08	Y	µg/L	0	WA
		Magnesium, total recoverable	404	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.6	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	96	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,260	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,780	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	14,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	12	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	15,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.08	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	2.8E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.9E+00	1		pCi/L	0	TM
		Radium-226	1.3E+00	1		pCi/L	0	TM
		Radium-228	9.0E-01	1		pCi/L	0	TM
		Tritium	8.6E+00	1		pCi/mL	0	TM

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

WELL LFW 57B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N83196.7 E45440.6	33.283914 °N 81.708754 °W	78.4-68.4 ft msl	165.4 ft msl	4" PVC	S	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 22.31 ft (6.80 m) below TOC
Water elevation: 143.09 ft (43.61 m) msl
Sp. conductance: 62 µS/cm
Turbidity: 0.6 NTU
Water evacuated before sampling: 161 gal

Time: 12:56
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 20.0 °C
Volumes purged: 3.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.3	1	JY	pH	0	WA
		Specific conductance	45	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	801	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	761	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,800	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	6.6	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA

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

WELL LFW 57B collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.06	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	54	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.06	Y	µg/L	0	WA
		Magnesium, total recoverable	321	1	Y	µg/L	0	WA
		Manganese, total recoverable	6.5	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.06	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	422	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	730	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	8,510	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,590	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	7,630	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	36,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.06	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
	■	Gross alpha	1.6E+01	1		pCi/L	2	TM
		Nonvolatile beta	1.2E+01	1		pCi/L	0	TM
		Radium-226	5.1E+00	1		pCi/L	0	TM
		Radium-228	3.6E+00	1		pCi/L	0	TM
		Tritium	6.3E-01	1		pCi/mL	0	TM

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

WELL LFW 57C

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

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 21.70 ft (6.61 m) below TOC
Water elevation: 143.30 ft (43.68 m) msl
Sp. conductance: 28 µS/cm
Turbidity: 0.5 NTU
Water evacuated before sampling: 99 gal

Time: 12:06
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 19.3 °C

Volumes purged: 4.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.4	1	JY	pH	0	WA
		Specific conductance	23	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	24	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	4.2	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	831	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,260	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
	■	Chloroethene (Vinyl chloride)	2.7	1	JY	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<30	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA

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

WELL LFW 57C collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.05	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	28	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.05	Y	µg/L	0	WA
		Magnesium, total recoverable	728	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.9	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.05	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	607	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	7,140	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,720	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	29,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.05	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	3.6E+00	1		pCi/L	0	TM
		Nonvolatile beta	1.7E+00	1		pCi/L	0	TM
		Radium-226	1.3E+00	1		pCi/L	0	TM
		Radium-228	<9.0E-02	1		pCi/L	0	TM
		Tritium	1.8E+00	1		pCi/mL	0	TM

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

WELL LFW 57D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N83190.2 E45417.4	33.283861 °N 81.708802 °W	150.4-130.6 ft msl	164.8 ft msl	4" PVC	S	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/03/94
Depth to water: 21.58 ft (6.58 m) below TOC
Water elevation: 143.22 ft (43.65 m) msl
Sp. conductance: 82 µS/cm
Turbidity: 0.2 NTU
Water evacuated before sampling: 101 gal

Time: 12:27
pH: 6.1
Alkalinity: 16 mg/L
Water temperature: 18.6 °C

Volumes purged: 12.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	6.0	1	JY	pH	0	WA
		Specific conductance	60	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	<20	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	1.0	1	JY	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,690	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	6,170	1	Y	µg/L	0	WA
		Chlorobenzene	7.5	1	Y	µg/L	0	WA
		Chloroethane	2.7	1	JY	µg/L	0	WA
	■	Chloroethene (Vinyl chloride)	29	1	Y	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	19	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<30	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA

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

WELL LFW 57D collected on 06/03/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.04	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	40	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	4.8	1	Y	µg/L	0	WA
		Lindane	<0.052	1.04	Y	µg/L	0	WA
		Magnesium, total recoverable	3,140	1	Y	µg/L	0	WA
		Manganese, total recoverable	8.3	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.04	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	539	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	5,380	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	6,000	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	35,000	1	Y	µg/L	0	WA
		Total organic carbon	1,010	1	Y	µg/L	0	WA
		Total organic halogens	163	2.5	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.04	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.8E+00	1		pCi/L	0	TM
		Nonvolatile beta	3.8E+00	1		pCi/L	0	TM
		Radium-226	5.8E-01	1		pCi/L	0	TM
		Radium-228	1.0E+00	1		pCi/L	0	TM
		Tritium	4.5E+00	1		pCi/mL	0	TM

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

WELL LFW 58D

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

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 26.29 ft (8.01 m) below TOC
Water elevation: 141.31 ft (43.07 m) msl
Sp. conductance: 80 µS/cm
Turbidity: 1.3 NTU
Water evacuated before sampling: 52 gal

Time: 9:33
pH: 4.6
Alkalinity: 1 mg/L
Water temperature: 19.0 °C

Volumes purged: 5.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.9	1	JY	pH	0	WA
		Specific conductance	67	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	65	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	5.5	1	Y	µg/L	0	WA
		Benzene	4.2	1	JY	µg/L	1	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,130	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	16,900	5	Y	µg/L	0	WA
		Chlorobenzene	2.2	1	JY	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	6.3	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	27	1	Y	µg/L	2	WA
		1,1-Dichloroethane	62	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	2.3	1	JY	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	35	1	VY	µg/L	2	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.06	Y	µg/L	0	WA

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

WELL LFW 58D collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.03	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	23	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.052	1.03	Y	µg/L	0	WA
		Magnesium, total recoverable	1,310	1	Y	µg/L	0	WA
		Manganese, total recoverable	3.1	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.03	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	89	1	Y	µg/L	0	WA
		Nitrate as nitrogen	86	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	10,900	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	10,100	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	1.5	1	JY	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	53,000	1	Y	µg/L	0	WA
		Total organic carbon	2,100	1	Y	µg/L	0	WA
		Total organic halogens	254	6.66	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.03	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	1.06	Y	µg/L	0	WA
		1,1,1-Trichloroethane	4.7	1	JY	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	8.5	1	Y	µg/L	2	WA
		Trichlorofluoromethane	35	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	3.3	1	Y	µg/L	0	WA
		Gross alpha	4.1E+00	1		pCi/L	0	TM
		Gross alpha	4.5E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.1E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.0E+00	1		pCi/L	0	TM
		Radium-226	6.9E-01	1		pCi/L	0	TM

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WELL LFW 58D collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Radium-228	2.2E+00	1		pCi/L	0	TM
		Tritium	6.6E+00	1		pCi/mL	0	TM

WELL LFW 59B

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

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 26.04 ft (7.94 m) below TOC
Water elevation: 142.06 ft (43.30 m) msl
Sp. conductance: 62 µS/cm
Turbidity: 0.2 NTU
Water evacuated before sampling: 377 gal

Time: 10:33
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 19.8 °C

Volumes purged: 7.6 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.1	1	JY	pH	0	WA
		Specific conductance	48	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	516	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	590	1	Y	µg/L	0	WA

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WELL LFW 59B collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,670	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	4.8	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA

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WELL LFW 59B collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.06	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	29	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.06	Y	µg/L	0	WA
		Magnesium, total recoverable	296	1	Y	µg/L	0	WA
		Manganese, total recoverable	9.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.06	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	7.8	1	Y	µg/L	0	WA
		Nitrate as nitrogen	90	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	9,490	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,340	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 59B collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Sulfate	7,320	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	28,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.06	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.3E+01	1		pCi/L	1	TM
		Nonvolatile beta	5.8E+00	1		pCi/L	0	TM
		Radium-226	3.6E+00	1		pCi/L	0	TM
		Radium-228	6.2E+00	1		pCi/L	0	TM
		Tritium	4.8E-01	1		pCi/mL	0	TM

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

WELL LFW 59C

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

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 25.57 ft (7.79 m) below TOC
Water elevation: 141.73 ft (43.20 m) msl
Sp. conductance: 58 µS/cm
Turbidity: 0.1 NTU
Water evacuated before sampling: 431 gal

Time: 10:55
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.6 °C

Volumes purged: 15.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.1	1	JY	pH	0	WA
		Specific conductance	50	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	23	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	7.6	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	973	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	8,360	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	17	1	Y	µg/L	2	WA
		1,1-Dichloroethane	30	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	1.5	1	JY	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	59	1	Y	µg/L	2	WA
		2,4-Dichlorophenoxyacetic acid	<1.0	1.04	Y	µg/L	0	WA

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

WELL LFW 59C collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		2,4-Dichlorophenoxyacetic acid	<1.0	1.04	JY	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	18	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Magnesium, total recoverable	1,120	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.5	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	461	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	8,640	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	4,580	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	1.3	1	JY	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
•		Total dissolved solids	90,000	1	JY	µg/L	0	WA
•		Total dissolved solids	84,000	1	JY	µg/L	0	WA
		Total organic carbon	1,200	1	Y	µg/L	0	WA
		Total organic halogens	327	5	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.52	1.04	Y	µg/L	0	WA
•		2,4,5-TP (Silvex)	<0.52	1.04	JY	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	9.0	1	Y	µg/L	2	WA
		Trichlorofluoromethane	13	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	2.6	1	JY	µg/L	0	WA
		Gross alpha	5.2E+00	1		pCi/L	0	TM
		Nonvolatile beta	3.3E+00	1		pCi/L	0	TM
		Radium-226	2.1E+00	1		pCi/L	0	TM

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

WELL LFW 59C collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Radium-228	4.0E-01	1		pCi/L	0	TM
	■	Tritium	3.3E+01	1		pCi/mL	2	TM

WELL LFW 59D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N83000.1 E46056.1	33.284484 °N 81.706752 °W	149.3-129.3 ft msl	167.6 ft msl	4" PVC	S	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 25.46 ft (7.76 m) below TOC
Water elevation: 142.14 ft (43.32 m) msl
Sp. conductance: 59 µS/cm
Turbidity: 0.8 NTU
Water evacuated before sampling: 57 gal

Time: 10:12
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 19.2 °C

Volumes purged: 6.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
●		pH	4.9	1	JY	pH	0	WA
		Specific conductance	49	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	35	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	4.2	1	Y	µg/L	0	WA
		Benzene	1.1	1	JY	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	604	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	10,900	2	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	6.3	1	JY	µg/L	1	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	6.1	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	27	1	Y	µg/L	2	WA

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

WELL LFW 59D collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1-Dichloroethane	18	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	1.3	1	JY	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<23	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.04	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	11	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.052	1.04	Y	µg/L	0	WA
		Magnesium, total recoverable	871	1	Y	µg/L	0	WA
		Manganese, total recoverable	3.9	1	Y	µg/L	0	WA
		Mercury, total recoverable	0.71	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.04	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	110	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	9,870	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	6,270	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	1.1	1	JY	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	38,000	1	Y	µg/L	0	WA
		Total organic carbon	1,400	1	Y	µg/L	0	WA
		Total organic halogens	182	5	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	4,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.04	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08	Y	µg/L	0	WA
		1,1,1-Trichloroethane	6.6	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
■		Trichloroethylene	5.2	1	Y	µg/L	2	WA
		Trichlorofluoromethane	24	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	3.3	1	JY	µg/L	0	WA
		Gross alpha	2.7E+00	1		pCi/L	0	TM

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

WELL LFW 59D collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Nonvolatile beta	1.4E+00	1		pCi/L	0	TM
		Radium-226	8.0E-01	1		pCi/L	0	TM
		Radium-228	8.0E-01	1		pCi/L	0	TM
		Tritium	7.1E+00	1		pCi/mL	0	TM

WELL LFW 60B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82517.5 E45710.2	33.282852 °N 81.706724 °W	77.7-67.7 ft msl	156.7 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 19.43 ft (5.92 m) below TOC
Water elevation: 137.27 ft (41.84 m) msl
Sp. conductance: 52 µS/cm
Turbidity: 2.0 NTU
Water evacuated before sampling: 67 gal

Time: 13:41
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 20.2 °C

Volumes purged: 5.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.7	1	JY	pH	0	WA
		Specific conductance	39	1	Y	µS/cm	0	WA
		Acetone	<80	1	JVY	µg/L	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	177	1	Y	µg/L	2	WA
		Aluminum, total recoverable	148	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	15	1	Y	µg/L	0	WA
		Barium, total recoverable	15	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 60B collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	2,080	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,980	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,780	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	3.2	1	JY	µg/L	0	WA
		Chloromethane (Methyl chloride)	2.9	1	JY	µg/L	0	WA
		Chloromethane (Methyl chloride)	2.3	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	4.7	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 60B collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.12	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.12	Y	µg/L	0	WA
		Endrin	<0.22	2.17	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	52	1	Y	µg/L	0	WA
		Iron, total recoverable	43	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	12	1	JY3	µg/L	0	WA
		Lead, total recoverable	9.1	1	JY3	µg/L	0	WA
		Lindane	<0.056	1.12	Y	µg/L	0	WA
		Lindane	<0.11	2.17	Y	µg/L	0	WA
		Lithium, total recoverable	7.0	1	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	441	1	Y	µg/L	0	WA
		Magnesium, total recoverable	419	1	Y	µg/L	0	WA
		Manganese, total recoverable	52	1	Y	µg/L	2	WA
		Manganese, total recoverable	51	1	Y	µg/L	2	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.56	1.12	Y	µg/L	0	WA

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

WELL LFW 60B collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Methoxychlor	<1.1	2.17	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.17	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	11	1	Y	µg/L	0	WA
		Nickel, total recoverable	11	1	Y	µg/L	0	WA
		Nitrate as nitrogen	265	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	10,300	2.1	Y	µg/L	0	WA
		Silica, total recoverable	11,100	2.1	JY3	µg/L	0	WA
		Silica, total recoverable	10,400	2.1	JY3	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,970	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,630	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	10,100	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	61,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	5.6	1	Y	µg/L	0	WA
		Total organic halogens	5.4	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.12	Y	µg/L	0	WA
		Toxaphene	<2.2	2.17	Y	µg/L	0	WA
		Toxaphene	<2.2	2.17	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.12	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA

~~•~~ = exceeded holding time. ■ = exceeded screening level or final primary drinking water standard.

WELL LFW 60B collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	5.4E+00	1		pCi/L	0	TM
		Nonvolatile beta	3.8E+00	1		pCi/L	0	TM
		Radium-226	<1.8E-01	1		pCi/L	0	TM
		Radium-228	2.5E+00	1		pCi/L	0	TM
		Total activity	9.7E+02	1		pCi/L	0	EM
		Tritium	<1.8E-01	1		pCi/mL	0	TM

WELL LFW 60C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82529.6 E45711.9	33.282881 °N 81.706743 °W	108.3-98.3 ft msl	157.2 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 19.77 ft (6.03 m) below TOC
Water elevation: 137.43 ft (41.89 m) msl
Sp. conductance: 138 µS/cm
Turbidity: 1.3 NTU
Water evacuated before sampling: 28 gal
Time: 12:53
pH: 6.0
Alkalinity: 28 mg/L
Water temperature: 20.7 °C
Volumes purged: 4.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	6.0	1	JY	pH	0	WA
		Specific conductance	107	1	Y	µS/cm	0	WA
		Acetone	<10	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	294	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA

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

WELL LFW 60C collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Barium, total recoverable	14	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	2,180	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	7,650	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	4.4	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	3.6	1	JY	µg/L	0	WA
		1,1-Dichloroethane	18	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<40	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.3	2.27	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.11	Y	µg/L	0	WA
•		Endrin	<0.11	1.05	JY	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	116	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	8.1	1	Y	µg/L	0	WA
		Lindane	<0.056	1.11	Y	µg/L	0	WA
•		Lindane	<0.053	1.05	JY	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	518	1	Y	µg/L	0	WA
		Manganese, total recoverable	60	1	Y	µg/L	2	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.56	1.11	Y	µg/L	0	WA
•		Methoxychlor	<0.53	1.05	JY	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA

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

WELL LFW 60C collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	638	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	13,300	2.1	Y	µg/L	0	WA
		Silica, total recoverable	15,000	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	20,500	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	9,770	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	104,000	1	Y	µg/L	0	WA
		Total organic carbon	1,350	1	Y	µg/L	0	WA
		Total organic halogens	63	3.03	Y	µg/L	2	WA
		Total organic halogens	64	3.03	Y	µg/L	2	WA
		Total phosphates (as P)	102	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.11	Y	µg/L	0	WA
•		Toxaphene	<1.0	1.05	JY	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1	2.27	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	2.2	1	JY	µg/L	0	WA
		Trichlorofluoromethane	5.6	1	Y	µg/L	1	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	<9.3E-01	1		pCi/L	0	TM
		Nonvolatile beta	9.0E-01	1		pCi/L	0	TM
		Radium-226	1.0E+00	1		pCi/L	0	TM
		Radium-228	1.1E+00	1		pCi/L	0	TM
		Total activity	3.8E+03	1		pCi/L	0	EM
		Tritium	2.3E+00	1		pCi/mL	0	TM

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

WELL LFW 60D

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

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 19.28 ft (5.88 m) below TOC
Water elevation: 137.82 ft (42.01 m) msl
Sp. conductance: 19 µS/cm
Turbidity: 1.6 NTU
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 7:57
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 18.3 °C

Volumes purged: 1.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	14	1	Y	µS/cm	0	WA
		Acetone	13	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	39	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	4.1	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	527	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,740	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	10	1	Y	µg/L	2	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	5.2	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	3.0	1	JY	µg/L	0	WA
		1,1-Dichloroethane	1.2	1	JY	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<21	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08		µg/L	0	WA

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

WELL LFW 60D collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	68	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	5.1	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Magnesium, total recoverable	277	1	Y	µg/L	0	WA
		Manganese, total recoverable	9.8	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	27	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	4,950	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,220	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	48,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	12	1	Y	µg/L	0	WA
		Total organic halogens	12	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	4.0	1	JY	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	<7.1E-01	1		pCi/L	0	TM
		Nonvolatile beta	<6.6E-01	1		pCi/L	0	TM
		Radium-226	9.5E-01	1		pCi/L	0	TM
		Radium-228	1.4E+00	1		pCi/L	0	TM
		Tritium	2.7E+00	1		pCi/mL	0	TM

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

WELL LFW 61C

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

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 27.35 ft (8.34 m) below TOC
Water elevation: 140.95 ft (42.96 m) msl
Sp. conductance: 740 µS/cm
Turbidity: 0.8 NTU
Water evacuated before sampling: 150 gal

Time: 13:36
pH: 6.7
Alkalinity: 222 mg/L
Water temperature: 20.0 °C

Volumes purged: 7.6 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.3	1	JY	pH	0	WA
		Specific conductance	414	1	Y	µS/cm	1	WA
		Acetone		1	LY	µg/L	0	WA
		Acetone	778	20	Y	µg/L	1	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	101	1	Y	µg/L	2	WA
		Arsenic, total recoverable	12	1	Y	µg/L	0	WA
		Barium, total recoverable	13	1	Y	µg/L	0	WA
		Benzene	3.0	1	JY	µg/L	1	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<10	5	Y	µg/L	0	WA
		Calcium, total recoverable	17,800	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	20,800	10	Y	µg/L	0	WA
		Chlorobenzene	1.2	1	JY	µg/L	0	WA
		Chloroethane	15	1	Y	µg/L	2	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	1.1	1	JY	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	13	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	99	1	Y	µg/L	2	WA
		1,1-Dichloroethane	99	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
	■	1,1-Dichloroethylene	7.5	1	Y	µg/L	2	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)		1	LY	µg/L	0	WA

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

WELL LFW 61C collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
	■	Dichloromethane (Methylene chloride)	400	20	VY	µg/L	2	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08		µg/L	0	WA
		1,2-Dichloropropane	2.6	1	JY	µg/L	1	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.08	Y	µg/L	0	WA
		Ethylbenzene	38	1	Y	µg/L	0	WA
		Fluoride	225	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	137,000	5	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.054	1.08	Y	µg/L	0	WA
		Magnesium, total recoverable	14,700	1	Y	µg/L	0	WA
		Manganese, total recoverable	135	5	Y	µg/L	2	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
		Methyl ethyl ketone		1	LY	µg/L	0	WA
		Methyl ethyl ketone	2,070	20	Y	µg/L	0	WA
		Methyl isobutyl ketone		1	LY	µg/L	0	WA
		Methyl isobutyl ketone	553	20	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	202	1	Y	µg/L	2	WA
		Potassium, total recoverable	511	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	4,360	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<10	5	Y	µg/L	0	WA
		Sodium, total recoverable	18,400	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
	■	Tetrachloroethylene	12	1	Y	µg/L	2	WA
		Toluene	84	1	Y	µg/L	0	WA
		Total dissolved solids	326,000	1	Y	µg/L	0	WA
		Total organic carbon	125,000	10	Y	µg/L	2	WA
		Total organic halogens	1,050	10	Y	µg/L	2	WA
		Total phosphates (as P)	59	1	Y	µg/L	0	WA
		Total suspended solids	130,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.08	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08		µg/L	0	WA
		1,1,1-Trichloroethane	44	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	27	1	Y	µg/L	2	WA
		Trichlorofluoromethane	100	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	170	1	Y	µg/L	0	WA
		Gross alpha	<1.1E+00	1		pCi/L	0	TM
		Nonvolatile beta	<8.1E-01	1		pCi/L	0	TM
		Radium-226	8.7E-01	1		pCi/L	0	TM

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

WELL LFW 61C collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Radium-228	1.4E+00	1		pCi/L	0	TM
		Tritium	5.2E+00	1		pCi/mL	0	TM

WELL LFW 61D

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

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 25.87 ft (7.89 m) below TOC
Water elevation: 142.43 ft (43.41 m) msl
Sp. conductance: 41 µS/cm
Turbidity: 0.8 NTU
Water evacuated before sampling: 175 gal

Time: 13:14
pH: 5.5
Alkalinity: 5 mg/L
Water temperature: 18.8 °C

Volumes purged: 22.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.3	1	JY	pH	0	WA
•		pH	5.3	1	JY	pH	0	WA
		Specific conductance	31	1	Y	µS/cm	0	WA
		Specific conductance	31	1	Y	µS/cm	0	WA
		Acetone	<25	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	97	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	482	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,690	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA

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

WELL LFW 61D collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	25	1	Y	µg/L	2	WA
		1,1-Dichloroethane	25	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	2.3	1	JY	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	36	1	VY	µg/L	2	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08		µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.05	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	4,060	1	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.05	Y	µg/L	0	WA
		Magnesium, total recoverable	749	1	Y	µg/L	0	WA
		Manganese, total recoverable	2.2	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.05	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	75	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	6,080	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,730	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	3.6	1	JY	µg/L	1	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	68,000	1	Y	µg/L	0	WA
		Total dissolved solids	63,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	255	5	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	3,000	1		µg/L	0	GE
		Total suspended solids	3,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.05	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08		µg/L	0	WA
		1,1,1-Trichloroethane	17	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	8.9	1	Y	µg/L	2	WA
		Trichlorofluoromethane	35	1	Y	µg/L	2	WA

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

WELL LFW 61D collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	2.7E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.3E+00	1		pCi/L	0	TM
		Radium-226	1.1E+00	1		pCi/L	0	TM
		Radium-228	1.8E+00	1		pCi/L	0	TM
		Tritium	4.9E+00	1		pCi/mL	0	TM

WELL LFW 62B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N83001.2 E45915.5	33.284257 °N 81.707124 °W	72.8-62.8 ft msl	164.9 ft msl	4" PVC	S	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 23.33 ft (7.11 m) below TOC
Water elevation: 141.57 ft (43.15 m) msl
Sp. conductance: 44 µS/cm
Turbidity: 8.8 NTU
Water evacuated before sampling: 230 gal
Time: 8:45
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.8 °C
Volumes purged: 4.5 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.9	1	J1	pH	0	GE
•		pH	5.0	1	J1	pH	0	GE
•		pH	4.4	1	JY	pH	0	WA
•		pH	4.5	1	JY	pH	0	WA
		Specific conductance	34	1		µS/cm	0	GE
		Specific conductance	33	1		µS/cm	0	GE
		Specific conductance	33	1		µS/cm	0	GE
		Specific conductance	35	1	Y	µS/cm	0	WA
		Specific conductance	35	1	Y	µS/cm	0	WA
		Acetone	<100	1		µg/L	0	GE
		Acetone	<100	1		µg/L	0	GE
		Acetone	<10	1	VY	µg/L	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<5.0	1		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	<5.0	1		µg/L	0	GE
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<20	1		µg/L	0	GE
		Acrolein	<20	1		µg/L	0	GE
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<20	1		µg/L	0	GE
		Acrylonitrile	<20	1		µg/L	0	GE
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA

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WELL LFW 62B collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Aldrin	<0.050	1		µg/L	0	GE
		Allyl chloride	<50	1		µg/L	0	GE
		Allyl chloride	<50	1		µg/L	0	GE
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	405	1		µg/L	2	GE
		Aluminum, total recoverable	404	1		µg/L	2	GE
		Aluminum, total recoverable	290	1		µg/L	2	GE
		Aluminum, total recoverable	343	1	Y	µg/L	2	WA
		Aluminum, total recoverable	260	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1		µg/L	0	GE
		Arsenic, total recoverable	<2.0	1		µg/L	0	GE
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	5.5	1		µg/L	0	GE
		Barium, total recoverable	5.5	1		µg/L	0	GE
		Barium, total recoverable	4.8	1	J	µg/L	0	GE
		Barium, total recoverable	4.6	1	Y	µg/L	0	WA
		Barium, total recoverable	4.0	1	Y	µg/L	0	WA
		Benzene	<1.0	1		µg/L	0	GE
		Benzene	<1.0	1		µg/L	0	GE
		Benzene	<5.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bis(2-chloroisopropyl) ether	<10	1		µg/L	0	GE
		Bis(2-chloroisopropyl) ether	<10	1		µg/L	0	GE
		Bromodichloromethane	<1.0	1		µg/L	0	GE
		Bromodichloromethane	<1.0	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<1.0	1		µg/L	0	GE
		Bromoform	<1.0	1		µg/L	0	GE
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<1.0	1		µg/L	0	GE
		Bromomethane (Methyl bromide)	<1.0	1		µg/L	0	GE
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1		µg/L	0	GE
		Cadmium, total recoverable	<2.0	1		µg/L	0	GE
		Cadmium, total recoverable	<2.0	1		µg/L	0	GE
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	954	1		µg/L	0	GE
		Calcium, total recoverable	954	1		µg/L	0	GE
		Calcium, total recoverable	867	1		µg/L	0	GE
		Calcium, total recoverable	889	1	Y	µg/L	0	WA
		Calcium, total recoverable	954	1	Y	µg/L	0	WA
		Carbon disulfide	<10	1		µg/L	0	GE
		Carbon disulfide	<10	1		µg/L	0	GE
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<1.0	1		µg/L	0	GE
		Carbon tetrachloride	<1.0	1		µg/L	0	GE
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,200	1		µg/L	0	GE

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WELL LFW 62B collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chloride	2,180	1		µg/L	0	GE
		Chloride	1,830	1	Y	µg/L	0	WA
		Chloride	1,760	1	Y	µg/L	0	WA
		Chlorobenzene	<1.0	1		µg/L	0	GE
		Chlorobenzene	<1.0	1		µg/L	0	GE
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<1.0	1		µg/L	0	GE
		Chloroethane	<1.0	1		µg/L	0	GE
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<1.0	1		µg/L	0	GE
		Chloroethene (Vinyl chloride)	<1.0	1		µg/L	0	GE
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<1.0	1		µg/L	0	GE
		Chloroform	<1.0	1		µg/L	0	GE
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<1.0	1		µg/L	0	GE
		Chloromethane (Methyl chloride)	<1.0	1		µg/L	0	GE
		Chloromethane (Methyl chloride)	5.4	1	JY	µg/L	1	WA
		Chloromethane (Methyl chloride)	2.9	1	JY	µg/L	0	WA
		Chloroprene	<200	1		µg/L	0	GE
		Chloroprene	<200	1		µg/L	0	GE
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1		µg/L	0	GE
		Chromium, total recoverable	<4.0	1		µg/L	0	GE
		Chromium, total recoverable	<4.0	1		µg/L	0	GE
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	5.8	1	J	µg/L	0	GE
		Copper, total recoverable	5.8	1	J	µg/L	0	GE
		Copper, total recoverable	<4.0	1		µg/L	0	GE
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		p,p'-DDT	<0.10	1		µg/L	0	GE
		Dibromochloromethane	<1.0	1		µg/L	0	GE
		Dibromochloromethane	<1.0	1		µg/L	0	GE
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<5.0	1		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	<5.0	1		µg/L	0	GE
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1		µg/L	0	GE
		1,2-Dibromoethane	<20	1		µg/L	0	GE
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<1.0	1		µg/L	0	GE
		Dibromomethane (Methylene bromide)	<1.0	1		µg/L	0	GE
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<30	1		µg/L	0	GE
		trans-1,4-Dichloro-2-butene	<30	1		µg/L	0	GE

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WELL LFW 62B collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<1.0	1		µg/L	0	GE
		Dichlorodifluoromethane	<1.0	1		µg/L	0	GE
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<1.0	1		µg/L	0	GE
		1,1-Dichloroethane	<1.0	1		µg/L	0	GE
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<1.0	1		µg/L	0	GE
		1,2-Dichloroethane	<1.0	1		µg/L	0	GE
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<1.0	1		µg/L	0	GE
		1,1-Dichloroethylene	<1.0	1		µg/L	0	GE
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<1.0	1		µg/L	0	GE
		trans-1,2-Dichloroethylene	<1.0	1		µg/L	0	GE
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<1.0	1		µg/L	0	GE
		Dichloromethane (Methylene chloride)	<1.0	1		µg/L	0	GE
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<23	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<0.0016	1		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0016	1		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<0.0016	1		µg/L	0	GE
		2,4-Dichlorophenoxyacetic acid	<1.1	1.06	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		1,2-Dichloropropane	<1.0	1		µg/L	0	GE
		1,2-Dichloropropane	<1.0	1		µg/L	0	GE
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		cis-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		trans-1,3-Dichloropropene	<1.0	1		µg/L	0	GE
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Dieldrin	<0.50	1		µg/L	0	GE
		Endrin	<0.0061	1		µg/L	0	GE
		Endrin	<0.0060	1		µg/L	0	GE
		Endrin	<0.0060	1		µg/L	0	GE
		Endrin	<0.10	1.04	Y	µg/L	0	WA
		Endrin	<0.10	1.03	Y	µg/L	0	WA
		Ethylbenzene	<1.0	1		µg/L	0	GE
		Ethylbenzene	<1.0	1		µg/L	0	GE
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1		µg/L	0	GE
		Fluoride	<100	1		µg/L	0	GE
		Fluoride	<100	1		µg/L	0	GE

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WELL LFW 62B collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Heptachlor	<0.050	1		µg/L	0	GE
		2-Hexanone	<10	1		µg/L	0	GE
		2-Hexanone	<10	1		µg/L	0	GE
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<15	1		µg/L	0	GE
		Iodomethane (Methyl iodide)	<15	1		µg/L	0	GE
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	97	1		µg/L	0	GE
		Iron, total recoverable	97	1		µg/L	0	GE
		Iron, total recoverable	59	1		µg/L	0	GE
		Iron, total recoverable	149	1	Y	µg/L	0	WA
		Iron, total recoverable	158	1	Y	µg/L	1	WA
		Isobutyl alcohol	<100	1		µg/L	0	GE
		Isobutyl alcohol	<100	1		µg/L	0	GE
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1		µg/L	0	GE
		Lead, total recoverable	<3.0	1		µg/L	0	GE
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.0051	1		µg/L	0	GE
		Lindane	<0.0050	1		µg/L	0	GE
		Lindane	<0.0050	1		µg/L	0	GE
		Lindane	<0.052	1.04	Y	µg/L	0	WA
		Lindane	<0.052	1.03	Y	µg/L	0	WA
		Magnesium, total recoverable	418	1		µg/L	0	GE
		Magnesium, total recoverable	418	1		µg/L	0	GE
		Magnesium, total recoverable	375	1		µg/L	0	GE
		Magnesium, total recoverable	398	1	Y	µg/L	0	WA
		Magnesium, total recoverable	343	1	Y	µg/L	0	WA
		Manganese, total recoverable	17	1		µg/L	0	GE
		Manganese, total recoverable	17	1		µg/L	0	GE
		Manganese, total recoverable	16	1		µg/L	0	GE
		Manganese, total recoverable	16	1	Y	µg/L	0	WA
		Manganese, total recoverable	14	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1		µg/L	0	GE
		Mercury, total recoverable	<0.20	1		µg/L	0	GE
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<50	1		µg/L	0	GE
		Methacrylonitrile	<50	1		µg/L	0	GE
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.51	1		µg/L	0	GE
		Methoxychlor	<0.50	1		µg/L	0	GE
		Methoxychlor	<0.52	1.04	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.03	Y	µg/L	0	WA
		Methyl ethyl ketone	<1.0	1		µg/L	0	GE
		Methyl ethyl ketone	<1.0	1		µg/L	0	GE
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1		µg/L	0	GE

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WELL LFW 62B collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Methyl isobutyl ketone	<10	1		µg/L	0	GE
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	7.6	1		µg/L	0	GE
		Nickel, total recoverable	8.2	1		µg/L	0	GE
		Nickel, total recoverable	7.2	1		µg/L	0	GE
		Nickel, total recoverable	9.0	1	Y	µg/L	0	WA
		Nickel, total recoverable	7.3	1	Y	µg/L	0	WA
		Nitrate as nitrogen	521	1	Y	µg/L	0	WA
		Nitrate as nitrogen	498	1	Y	µg/L	0	WA
		Nitrate-nitrite as nitrogen	636	1		µg/L	0	GE
		Nitrate-nitrite as nitrogen	646	1		µg/L	0	GE
		Phenols	<5.0	1		µg/L	0	GE
		Phenols	<5.0	1		µg/L	0	GE
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1		µg/L	0	GE
		Potassium, total recoverable	<500	1		µg/L	0	GE
		Potassium, total recoverable	<500	1		µg/L	0	GE
		Potassium, total recoverable	625	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<200	1		µg/L	0	GE
		Propionitrile	<200	1		µg/L	0	GE
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1		µg/L	0	GE
		Selenium, total recoverable	<2.0	1		µg/L	0	GE
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	11,000	1		µg/L	0	GE
		Silica, total recoverable	11,000	1		µg/L	0	GE
		Silica, total recoverable	9,770	1		µg/L	0	GE
		Silica, total recoverable	9,610	2.1	Y	µg/L	0	WA
		Silica, total recoverable	8,030	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1		µg/L	0	GE
		Silver, total recoverable	<2.0	1		µg/L	0	GE
		Silver, total recoverable	<2.0	1		µg/L	0	GE
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,780	1		µg/L	0	GE
		Sodium, total recoverable	1,780	1		µg/L	0	GE
		Sodium, total recoverable	1,620	1		µg/L	0	GE
		Sodium, total recoverable	1,760	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,640	1	Y	µg/L	0	WA
		Styrene	<10	1		µg/L	0	GE
		Styrene	<10	1		µg/L	0	GE
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	6,850	1		µg/L	0	GE
		Sulfate	6,890	1		µg/L	0	GE
		Sulfate	5,320	1	Y	µg/L	0	WA
		Sulfate	1,550	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA

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

WELL LFW 62B collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,2,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<1.0	1		µg/L	0	GE
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<1.0	1		µg/L	0	GE
		Tetrachloroethylene	<1.0	1		µg/L	0	GE
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<1.0	1		µg/L	0	GE
		Toluene	<1.0	1		µg/L	0	GE
		Toluene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	28,000	1		µg/L	0	GE
		Total dissolved solids	26,000	1		µg/L	0	GE
		Total dissolved solids	32,000	1	Y	µg/L	0	WA
		Total dissolved solids	28,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1		µg/L	0	GE
		Total organic carbon	<1,000	1		µg/L	0	GE
		Total organic carbon	<1,000	1		µg/L	0	GE
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
•		Total organic halogens	34	1	J1	µg/L	1	GE
		Total organic halogens	<5.0	1		µg/L	0	GE
		Total organic halogens	<5.0	1		µg/L	0	GE
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1		µg/L	0	GE
		Total phosphates (as P)	<50	1		µg/L	0	GE
		Total phosphates (as P)	<50	1		µg/L	0	GE
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	11,000	1		µg/L	0	GE
		Total suspended solids	10,000	1		µg/L	0	GE
		Toxaphene	<0.24	1		µg/L	0	GE
		Toxaphene	<0.24	1		µg/L	0	GE
		Toxaphene	<1.0	1.04	Y	µg/L	0	WA
		Toxaphene	<1.0	1.03	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.00047	1		µg/L	0	GE
		2,4,5-TP (Silvex)	<0.00047	1		µg/L	0	GE
		2,4,5-TP (Silvex)	<0.00048	1		µg/L	0	GE
		2,4,5-TP (Silvex)	<0.53	1.06	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,1-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,2-Trichloroethane	<1.0	1		µg/L	0	GE
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<1.0	1		µg/L	0	GE
		Trichloroethylene	<1.0	1		µg/L	0	GE
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<1.0	1		µg/L	0	GE
		Trichlorofluoromethane	<1.0	1		µg/L	0	GE

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WELL LFW 62B collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<1.0	1		µg/L	0	GE
		1,2,3-Trichloropropane	<1.0	1		µg/L	0	GE
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<8.0	1		µg/L	0	GE
		Vanadium, total recoverable	<8.0	1		µg/L	0	GE
		Vanadium, total recoverable	<8.0	1		µg/L	0	GE
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1		µg/L	0	GE
		Vinyl acetate	<10	1		µg/L	0	GE
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<2.0	1		µg/L	0	GE
		Xylenes	<2.0	1		µg/L	0	GE
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	5.5E+00	1		pCi/L	0	GP
		Gross alpha	8.3E+00	1		pCi/L	1	GP
		Gross alpha	5.5E+00	1		pCi/L	0	GP
		Gross alpha	1.1E+01	1		pCi/L	1	TM
		Gross alpha	8.7E+00	1		pCi/L	1	TM
		Nonvolatile beta	3.1E+00	1	J	pCi/L	0	GP
		Nonvolatile beta	4.2E+00	1		pCi/L	0	GP
		Nonvolatile beta	3.4E+00	1	J	pCi/L	0	GP
		Nonvolatile beta	6.2E+00	1		pCi/L	0	TM
		Nonvolatile beta	5.2E+00	1		pCi/L	0	TM
		Radium-226	3.3E+00	1		pCi/L	0	TM
		Radium-226	2.7E+00	1		pCi/L	0	TM
		Radium-228	1.8E+00	1		pCi/L	0	TM
		Radium-228	5.4E+00	1		pCi/L	0	TM
		Radium, total alpha-emitting	4.1E+00	1		pCi/L	0	GP
		Radium, total alpha-emitting	3.7E+00	1		pCi/L	0	GP
		Tritium	4.2E-02	1	UI	pCi/mL	0	GP
		Tritium	1.4E+01	1		pCi/mL	1	GP
		Tritium	5.9E-01	1		pCi/mL	0	TM
		Tritium	7.1E-01	1		pCi/mL	0	TM

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WELL LFW 62C

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

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 23.54 ft (7.18 m) below TOC
Water elevation: 141.96 ft (43.27 m) msl
Sp. conductance: 48 µS/cm
Turbidity: 0.2 NTU
Water evacuated before sampling: 410 gal

Time: 9:34
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 19.5 °C

Volumes purged: 18.6 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.9	1	JY	pH	0	WA
•		pH	4.9	1	JY	pH	0	WA
		Specific conductance	37	1	Y	µS/cm	0	WA
		Specific conductance	37	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	27	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	6.9	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,050	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	4,900	1	Y	µg/L	0	WA
		Chloride	4,950	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	2.9	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	11	1	Y	µg/L	2	WA
		1,1-Dichloroethane	18	1	Y	µg/L	2	WA
		1,2-Dichloroethane	2.1	1	JY	µg/L	0	WA
		1,1-Dichloroethylene	1.5	1	JY	µg/L	0	WA

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

WELL LFW 62C collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<23	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.05	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	<4.0	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.05	Y	µg/L	0	WA
		Magnesium, total recoverable	1,050	1	Y	µg/L	0	WA
		Manganese, total recoverable	5.7	1	Y	µg/L	0	WA
	■	Mercury, total recoverable	2.0	1	Y	µg/L	2	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.05	Y	µg/L	0	WA
		Methyl ethyl ketone	1.5	1	JY	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	1,300	5	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	770	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	8,350	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	3,200	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	2.0	1	JY	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	37,000	1	Y	µg/L	0	WA
		Total organic carbon	1,200	1	Y	µg/L	0	WA
		Total organic halogens	76	2	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.05	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	11	1	Y	µg/L	2	WA
		Trichlorofluoromethane	4.1	1	JY	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	3.7E+00	1		pCi/L	0	TM

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

WELL LFW 62C collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Nonvolatile beta	1.8E+00	1		pCi/L	0	TM
		Radium-226	2.1E+00	1		pCi/L	0	TM
		Radium-228	1.1E+00	1		pCi/L	0	TM
		Tritium	9.9E+00	1		pCi/mL	0	TM

WELL LFW 62D

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

FIELD MEASUREMENTS

Sample date: 06/10/94
Depth to water: 22.56 ft (6.88 m) below TOC
Water elevation: 142.24 ft (43.36 m) msl
Sp. conductance: 45 µS/cm
Turbidity: 36.0 NTU
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 8:17
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 18.5 °C

Volumes purged: 1.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.0	1	JY	pH	0	WA
		Specific conductance	34	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	456	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	5.5	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	837	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	6,120	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	2.1	1	JY	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	16	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA

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

WELL LFW 62D collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	26	1	Y	µg/L	2	WA
		1,1-Dichloroethane	22	1	Y	µg/L	2	WA
		1,2-Dichloroethane	1.2	1	JY	µg/L	0	WA
		1,1-Dichloroethylene	1.6	1	JY	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<23	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.06	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.10	1.03	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	708	1	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	4.6	1	Y	µg/L	0	WA
		Lindane	<0.052	1.03	Y	µg/L	0	WA
		Magnesium, total recoverable	947	1	Y	µg/L	0	WA
		Manganese, total recoverable	14	1	Y	µg/L	0	WA
		Mercury, total recoverable	1.1	1	Y	µg/L	1	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.52	1.03	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	217	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, total recoverable	9,110	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	3,050	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	1.9	1	JY	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	28,000	1	Y	µg/L	0	WA
		Total organic carbon	1,100	1	Y	µg/L	0	WA
		Total organic halogens	174	5	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	4,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.03	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	1.06	Y	µg/L	0	WA
		1,1,1-Trichloroethane	6.4	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	5.7	1	Y	µg/L	2	WA
		Trichlorofluoromethane	31	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA

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

WELL LFW 62D collected on 06/10/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.8E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.3E+00	1		pCi/L	0	TM
		Radium-226	8.0E-01	1		pCi/L	0	TM
		Radium-228	8.0E-01	1		pCi/L	0	TM
		Tritium	5.3E+00	1		pCi/mL	0	TM

WELL LFW 63B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82740.8 E45550.7	33.283085 °N 81.707578 °W	76.1-66.1 ft msl	167.8 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 28.26 ft (8.61 m) below TOC
Water elevation: 139.54 ft (42.53 m) msl
Sp. conductance: 73 µS/cm
Turbidity: 0.6 NTU
Water evacuated before sampling: 36 gal

Time: 8:37
pH: 4.1
Alkalinity: 0 mg/L
Water temperature: 19.8 °C

Volumes purged: 3.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.1	1	JY	pH	0	WA
		Specific conductance	58	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	350	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	9.6	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<30	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,690	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,780	1	Y	µg/L	0	WA
		Chloride	1,780	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	3.1	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA

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

WELL LFW 63B collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	6.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	49	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	418	1	Y	µg/L	0	WA
		Manganese, total recoverable	33	1	Y	µg/L	1	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	8.9	1	Y	µg/L	0	WA
		Nitrate as nitrogen	380	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	10,300	2.1		µg/L	0	WA
		Silica, total recoverable	10,900	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,340	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	5,640	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
•		Total dissolved solids	39,000	1	JY	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE

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WELL LFW 63B collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	3.0E+00	1		pCi/L	0	TM
		Gross alpha	3.2E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.0E+00	1		pCi/L	0	TM
		Nonvolatile beta	1.9E+00	1		pCi/L	0	TM
		Radium-226	1.4E+00	1		pCi/L	0	TM
		Radium-226	1.6E+00	1		pCi/L	0	TM
		Radium-228	1.7E+00	1		pCi/L	0	TM
		Radium-228	3.5E+00	1		pCi/L	0	TM
		Total activity	7.8E+01	1		pCi/L	0	EM
		Tritium	7.7E-01	1		pCi/mL	0	TM
		Tritium	5.2E-01	1		pCi/mL	0	TM

WELL LFW 63C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82746.1 E45559.2	33.283111 °N 81.707566 °W	106.2-96.2 ft msl	168.1 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 28.54 ft (8.70 m) below TOC
Water elevation: 139.56 ft (42.54 m) msl
Sp. conductance: 38 µS/cm
Turbidity: 2.7 NTU
Water evacuated before sampling: 27 gal

Time: 14:41
pH: 5.3
Alkalinity: 4 mg/L
Water temperature: 20.2 °C

Volumes purged: 3.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.3	1	JY	pH	0	WA
		Specific conductance	28	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	204	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	6.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Boron, total recoverable	<52	1		µg/L	0	GE

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WELL LFW 63C collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,300	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,880	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	1.3	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	13	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin		1.1	RY4	µg/L	0	WA
•		Endrin	<0.11	1.05	JY	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	76	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	14	1	Y	µg/L	0	WA
		Lindane		1.1	RY4	µg/L	0	WA
•		Lindane	<0.053	1.05	JY	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	484	1	Y	µg/L	0	WA
		Manganese, total recoverable	13	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
•		Methoxychlor	<0.53	1.05	JY	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	1,060	5	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA

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

WELL LFW 63C collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	8,250	2.1	Y	µg/L	0	WA
		Silica, total recoverable	9,290	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,570	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	1,840	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	52,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	3,000	1		µg/L	0	GE
		Toxaphene		1.1	RY4	µg/L	0	WA
•		Toxaphene	<1.0	1.05	JY	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.6E+00	1		pCi/L	0	TM
		Nonvolatile beta	1.4E+00	1		pCi/L	0	TM
		Radium-226	1.5E-01	1		pCi/L	0	TM
		Radium-228	1.1E+00	1		pCi/L	0	TM
		Radium-228	4.0E-01	1		pCi/L	0	TM
		Total activity	1.6E+03	1		pCi/L	0	EM
		Tritium	9.6E-01	1		pCi/mL	0	TM

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

WELL LFW 63D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82751.8 E45569.1	33.283140 °N 81.707551 °W	146.4-126.4 ft msl	168.3 ft msl	2" PVC	V	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 28.52 ft (8.69 m) below TOC
Water elevation: 139.78 ft (42.61 m) msl
Sp. conductance: 31 µS/cm
Turbidity: 0.5 NTU
Water evacuated before sampling: 30 gal

Time: 15:07
pH: 5.4
Alkalinity: 1 mg/L
Water temperature: 20.5 °C

Volumes purged: 13.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.2	1	JY	pH	0	WA
		Specific conductance	23	1	Y	µS/cm	0	WA
		Acetone	<80	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	23	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	545	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	3,560	1	Y	µg/L	0	WA
		Chlorobenzene	2.5	1	JY	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	3.5	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	11	1	Y	µg/L	2	WA
		1,1-Dichloroethane	4.4	1	JY	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA

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

WELL LFW 63D collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.05	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	16	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.053	1.05	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	627	1	Y	µg/L	0	WA
		Manganese, total recoverable	3.2	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.05	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	25	1	Y	µg/L	0	WA
		Nitrate as nitrogen	27	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	6,500	2.1	Y	µg/L	0	WA
		Silica, total recoverable	6,640	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,780	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	45,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	36	1.33	Y	µg/L	1	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.0	1.05	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	10	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	<7.2E-01	1		pCi/L	0	TM
		Nonvolatile beta	<6.7E-01	1		pCi/L	0	TM
		Radium-226	2.8E+00	1		pCi/L	0	TM

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

WELL LFW 63D collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Radium-228	<2.5E-01	1		pCi/L	0	TM
		Total activity	2.7E+03	1		pCi/L	0	EM
		Tritium	3.3E+00	1		pCi/mL	0	TM

WELL LFW 64B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82736.4 E45268.8	33.282615 °N 81.708312 °W	61.9-51.9 ft msl	151.4 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 11.93 ft (3.64 m) below TOC
Water elevation: 139.47 ft (42.51 m) msl
Sp. conductance: 68 µS/cm
Turbidity: 0.7 NTU
Water evacuated before sampling: 44 gal

Time: 9:35
pH: 4.0
Alkalinity: 0 mg/L
Water temperature: 19.4 °C

Volumes purged: 3.1 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.0	1	JY	pH	0	WA
		Specific conductance	56	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	408	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	8.9	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<30	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,410	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,780	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	3.7	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA

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

WELL LFW 64B collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	324	1	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	4.4	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	396	1	Y	µg/L	0	WA
		Manganese, total recoverable	16	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	11	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	10,600	2.1		µg/L	0	WA
		Silica, total recoverable	10,600	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,430	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	5,480	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
•		Total dissolved solids	43,000	1	JY	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	2,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 64B collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	7.9E+00	1		pCi/L	1	TM
		Nonvolatile beta	1.1E+01	1		pCi/L	0	TM
		Radium-226	3.7E+00	1		pCi/L	0	TM
		Radium-228	3.4E+00	1		pCi/L	0	TM
		Total activity	-9.5E+01	1		pCi/L	0	EM
		Tritium	<1.5E-01	1		pCi/mL	0	TM

WELL LFW 64C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82744.8 E45271.3	33.282638 °N 81.708321 °W	93.0-83.0 ft msl	152.2 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/09/94 Time: 10:00
Depth to water: 12.48 ft (3.80 m) below TOC
Water elevation: 139.72 ft (42.59 m) msl
No water evacuated before sampling.
Inaccessibility or pump failure prevented sample collection.

WELL LFW 64D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82737.8 E45280.7	33.282638 °N 81.708283 °W	135.2-115.2 ft msl	152.2 ft msl	2" PVC	V	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/09/94 Time: 10:06
Depth to water: 12.50 ft (3.81 m) below TOC
Water elevation: 139.70 ft (42.58 m) msl
No water evacuated before sampling.
Inaccessibility or pump failure prevented sample collection.

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

WELL LFW 65B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82589.2 E46061.8	33.283584 °N 81.705938 °W	63.5-53.5 ft msl	148.2 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 10.67 ft (3.25 m) below TOC
Water elevation: 137.53 ft (41.92 m) msl
Sp. conductance: 56 µS/cm
Turbidity: 25.5 NTU
Water evacuated before sampling: 60 gal

Time: 14:18
pH: 4.5
Alkalinity: 0 mg/L
Water temperature: 20.0 °C

Volumes purged: 4.4 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.4	1	JY	pH	0	WA
		Specific conductance	41	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	400	1	Y	µg/L	2	WA
		Aluminum, total recoverable	396	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	7.5	1	Y	µg/L	0	WA
		Barium, total recoverable	6.5	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,360	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,340	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 65B collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,790	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	2.4	1	JY	µg/L	0	WA
		Chloromethane (Methyl chloride)	4.6	1	JY	µg/L	0	WA
		Chloromethane (Methyl chloride)	3.9	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 65B collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.22	2.17	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	242	1	Y	µg/L	1	WA
		Iron, total recoverable	244	1	Y	µg/L	1	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	3.2	1	Y	µg/L	0	WA
		Lead, total recoverable	3.7	1	Y	µg/L	0	WA
		Lindane	<0.11	2.17	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Lithium, total recoverable	5.2	1	JY3	µg/L	0	WA
		Lithium, total recoverable	6.8	1	JY3	µg/L	0	WA
		Magnesium, total recoverable	277	1	Y	µg/L	0	WA
		Magnesium, total recoverable	273	1	Y	µg/L	0	WA
		Manganese, total recoverable	9.9	1	Y	µg/L	0	WA
		Manganese, total recoverable	9.8	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.17	Y	µg/L	0	WA
		Methoxychlor	<1.1	2.17	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	7.2	1	Y	µg/L	0	WA
		Nickel, total recoverable	7.2	1	Y	µg/L	0	WA
		Nitrate as nitrogen	65	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 65B collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	11,900	2.1		µg/L	0	WA
		Silica, total recoverable	8,130	2.1	JY3	µg/L	0	WA
		Silica, total recoverable	8,110	2.1	JY3	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,820	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,810	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	10,700	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	35,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	11	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	23,000	1		µg/L	0	GE
		Toxaphene	<2.2	2.17	Y	µg/L	0	WA
		Toxaphene	<2.2	2.17	Y	µg/L	0	WA
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA

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WELL LFW 65B collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	7.9E+00	1		pCi/L	1	TM
		Gross alpha	5.6E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.0E+00	1		pCi/L	0	TM
		Nonvolatile beta	4.4E+00	1		pCi/L	0	TM
		Radium-226	2.1E+00	1		pCi/L	0	TM
		Radium-226	2.4E+00	1		pCi/L	0	TM
		Radium-228	5.0E-01	1		pCi/L	0	TM
		Radium-228	1.3E+00	1		pCi/L	0	TM
		Total activity	8.8E+02	1		pCi/L	0	EM
		Tritium	2.8E-01	1		pCi/mL	0	TM
		Tritium	2.2E-01	1		pCi/mL	0	TM

WELL LFW 65C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82592.9 E46064.4	33.283597 °N 81.705938 °W	96.1-86.1 ft msl	148.2 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 10.71 ft (3.26 m) below TOC
Water elevation: 137.49 ft (41.91 m) msl
Sp. conductance: 40 µS/cm
Turbidity: 1.2 NTU
Water evacuated before sampling: 30 gal

Time: 15:01
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.9 °C

Volumes purged: 3.6 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.9	1	JY	pH	0	WA
		Specific conductance	29	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	51	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	11	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<30	1		µg/L	0	GE
		Boron, total recoverable	<30	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,450	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA

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WELL LFW 65C collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chloride	1,980	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	2.5	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<2.2	2.2	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	27	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.1	Y	µg/L	0	WA
		Lithium, total recoverable	5.7	1	Y	µg/L	0	WA
		Magnesium, total recoverable	874	1	Y	µg/L	0	WA
		Manganese, total recoverable	13	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	5.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	925	5	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	9,460	2.1		µg/L	0	WA
		Silica, total recoverable	10,100	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,010	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	2,930	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA

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

WELL LFW 65C collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	28,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<1.1	2.2	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	2.3E+00	1		pCi/L	0	TM
		Nonvolatile beta	9.0E-01	1		pCi/L	0	TM
		Radium-226	8.0E-01	1		pCi/L	0	TM
		Radium-228	8.0E-01	1		pCi/L	0	TM
		Total activity	1.2E+03	1		pCi/L	0	EM
		Tritium	1.3E+00	1		pCi/mL	0	TM

WELL LFW 65D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82598.4 E46071.8	33.283621 °N 81.705930 °W	131.5-111.5 ft msl	148.4 ft msl	2" PVC	V	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 10.90 ft (3.32 m) below TOC
Water elevation: 137.50 ft (41.91 m) msl
Sp. conductance: 25 µS/cm
Turbidity: 0.2 NTU
Water evacuated before sampling: 43 gal

Time: 13:50
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 18.2 °C

Volumes purged: 10.1 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.8	1	JY	pH	0	WA
•		pH	4.9	1	JY	pH	0	WA
		Specific conductance	18	1	Y	µS/cm	0	WA
		Specific conductance	18	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA

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

WELL LFW 65D collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Aluminum, total recoverable	32	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<30,000	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	490	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	3,100	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	4.2	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	8.4	1	JY	µg/L	1	WA
		1,1-Dichloroethane	6.8	1	Y	µg/L	1	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<10	1	JV	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.06	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	5.4	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	5.9	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	468	1	Y	µg/L	0	WA
		Manganese, total recoverable	3.2	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	145	1	Y	µg/L	0	WA
		Nitrate as nitrogen	121	1	Y	µg/L	0	WA

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

WELL LFW 65D collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	547	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	6,500	2.1		µg/L	0	WA
		Silica, total recoverable	6,490	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,470	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	14,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	26	2	Y	µg/L	1	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	1.06	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	2.6	1	JY	µg/L	1	WA
		Trichlorofluoromethane	13	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	<7.7E-01	1		pCi/L	0	TM
		Nonvolatile beta	1.3E+00	1		pCi/L	0	TM
		Radium-226	9.2E-01	1		pCi/L	0	TM
		Radium-228	1.3E+00	1		pCi/L	0	TM
		Total activity	5.7E+03	1		pCi/L	0	EM
		Tritium	4.4E+00	1		pCi/mL	0	TM

• = exceeded holding time. ● = exceeded screening level or final primary drinking water standard.

WELL LFW 66B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82838.3 E46195.9	33.284354 °N 81.706069 °W	80.3-70.3 ft msl	162.3 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/02/94
Depth to water: 22.21 ft (6.77 m) below TOC
Water elevation: 140.09 ft (42.70 m) msl
Sp. conductance: 39 µS/cm
Turbidity: 0.8 NTU
Water evacuated before sampling: 60 gal

Time: 14:30
pH: 5.2
Alkalinity: 1 mg/L
Water temperature: 20.7 °C

Volumes purged: 5.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.3	1	J	pH	0	WA
		Specific conductance	28	1		µS/cm	0	WA
		Acetone	<10	1		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1		µg/L	0	WA
		Acrolein	<10	1		µg/L	0	WA
		Acrylonitrile	<10	1		µg/L	0	WA
		Allyl chloride	<20	1		µg/L	0	WA
		Aluminum, total recoverable	49	1		µg/L	1	WA
		Arsenic, total recoverable	<2.0	1		µg/L	0	WA
		Barium, total recoverable	9.0	1		µg/L	0	WA
		Benzene	<5.0	1		µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1		µg/L	0	WA
		Bromoform	<5.0	1		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1		µg/L	0	WA
		Cadmium, total recoverable	<2.0	1		µg/L	0	WA
		Calcium, total recoverable	1,420	1		µg/L	0	WA
		Carbon disulfide	<5.0	1		µg/L	0	WA
		Carbon tetrachloride	<5.0	1		µg/L	0	WA
		Chloride	2,370	1		µg/L	0	WA
		Chlorobenzene	<5.0	1		µg/L	0	WA
		Chloroethane	<10	1		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1		µg/L	0	WA
		Chloroform	<5.0	1		µg/L	0	WA
		Chloromethane (Methyl chloride)	2.4	1	J	µg/L	0	WA
		Chloroprene	<100	1		µg/L	0	WA
		Chromium, total recoverable	<4.0	1		µg/L	0	WA
		Copper, total recoverable	8.0	1		µg/L	0	WA
		Dibromochloromethane	<5.0	1		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1		µg/L	0	WA
		1,2-Dibromoethane	<20	1		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1		µg/L	0	WA
		Dichlorodifluoromethane	<10	1		µg/L	0	WA
		1,1-Dichloroethane	<5.0	1		µg/L	0	WA
		1,2-Dichloroethane	<5.0	1		µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1		µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1		µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1		µg/L	0	WA

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

WELL LFW 66B collected on 06/02/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<1.1	1.15		µg/L	0	WA
		1,2-Dichloropropane	<5.0	1		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1		µg/L	0	WA
		Endrin	<0.11	1.12		µg/L	0	WA
		Ethylbenzene	<5.0	1		µg/L	0	WA
		Fluoride	<100	1		µg/L	0	WA
		2-Hexanone	<10	1		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1		µg/L	0	WA
		Iron, total recoverable	<30	1	JV	µg/L	0	WA
		Isobutyl alcohol	<20	1		µg/L	0	WA
		Lead, total recoverable	16	1		µg/L	0	WA
		Lindane	<0.056	1.12		µg/L	0	WA
		Lithium, total recoverable	<5.0	1		µg/L	0	WA
		Magnesium, total recoverable	871	1		µg/L	0	WA
		Manganese, total recoverable	12	1		µg/L	0	WA
		Mercury, total recoverable	<0.20	1		µg/L	0	WA
		Methacrylonitrile	<20	1		µg/L	0	WA
		Methoxychlor	<0.56	1.12		µg/L	0	WA
		Methyl ethyl ketone	<10	1		µg/L	0	WA
		Methyl isobutyl ketone	<10	1		µg/L	0	WA
		Nickel, total recoverable	<4.0	1		µg/L	0	WA
		Nitrate as nitrogen	1,440	5		µg/L	0	WA
		Phenols	<5.0	1		µg/L	0	WA
		Potassium, total recoverable	<500	1		µg/L	0	WA
		Propionitrile	<50	1		µg/L	0	WA
		Selenium, total recoverable	<2.0	1		µg/L	0	WA
		Silica, dissolved	7,480	2.1		µg/L	0	WA
		Silica, total recoverable	7,470	2.1		µg/L	0	WA
		Silver, total recoverable	<2.0	1		µg/L	0	WA
		Sodium, total recoverable	1,920	1		µg/L	0	WA
		Styrene	<5.0	1		µg/L	0	WA
		Sulfate	<1,000	1		µg/L	0	WA
		Sulfate	<1,000	1		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1		µg/L	0	WA
		Tetrachloroethylene	<5.0	1		µg/L	0	WA
		Toluene	<5.0	1		µg/L	0	WA
		Total dissolved solids	37,000	1		µg/L	0	WA
		Total organic carbon	<1,000	1		µg/L	0	WA
		Total organic carbon	<1,000	1		µg/L	0	WA
		Total organic halogens	<5.0	1		µg/L	0	WA
		Total phosphates (as P)	<50	1		µg/L	0	WA
		Total phosphates (as P)	<50	1		µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.12		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.58	1.15		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1		µg/L	0	WA
		Trichloroethylene	<5.0	1		µg/L	0	WA
		Trichlorofluoromethane	<5.0	1		µg/L	0	WA
		1,2,3-Trichloropropane	<10	1		µg/L	0	WA
		Vanadium, total recoverable	<3.0	1		µg/L	0	WA
		Vinyl acetate	<10	1		µg/L	0	WA
		Xylenes	<5.0	1		µg/L	0	WA
		Gross alpha	1.7E+00	1		pCi/L	0	TM

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

WELL LFW 66B collected on 06/02/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	1.2E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.7E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.0E+00	1		pCi/L	0	TM
		Radium-226	2.1E+00	1		pCi/L	0	TM
		Radium-226	2.5E+00	1		pCi/L	0	TM
		Radium-228	9.0E-01	1		pCi/L	0	TM
		Radium-228	<1.0E-01	1		pCi/L	0	TM
		Total activity	2.5E+03	1		pCi/L	0	EM
		Tritium	1.9E+00	1		pCi/mL	0	TM
		Tritium	1.7E+00	1		pCi/mL	0	TM

WELL LFW 66C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82836.5 E46186.0	33.284334 °N 81.706092 °W	110.0-100.0 ft msl	161.8 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/02/94
Depth to water: 22.42 ft (6.83 m) below TOC
Water elevation: 139.38 ft (42.48 m) msl
Sp. conductance: 55 µS/cm
Turbidity: 0.5 NTU
Water evacuated before sampling: 40 gal

Time: 13:43
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 21.0 °C

Volumes purged: 6.2 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.1	1	J	pH	0	WA
		Specific conductance	45	1		µS/cm	0	WA
		Acetone	<10	1		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1		µg/L	0	WA
		Acrolein	<10	1		µg/L	0	WA
		Acrylonitrile	<10	1		µg/L	0	WA
		Allyl chloride	<20	1		µg/L	0	WA
		Aluminum, total recoverable	20	1		µg/L	0	WA
		Arsenic, total recoverable	<2.0	1		µg/L	0	WA
		Barium, total recoverable	10	1		µg/L	0	WA
		Benzene	<5.0	1		µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1		µg/L	0	WA
		Bromoform	<5.0	1		µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1		µg/L	0	WA
		Cadmium, total recoverable	<2.0	1		µg/L	0	WA
		Calcium, total recoverable	1,370	1		µg/L	0	WA
		Carbon disulfide	<5.0	1		µg/L	0	WA
		Carbon tetrachloride	<5.0	1		µg/L	0	WA
		Chloride	6,780	1		µg/L	0	WA
		Chlorobenzene	<5.0	1		µg/L	0	WA
		Chloroethane	<10	1		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1		µg/L	0	WA
		Chloroform	<5.0	1		µg/L	0	WA

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

WELL LFW 66C collected on 06/02/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chloromethane (Methyl chloride)	<10	1		µg/L	0	WA
		Chloroprene	<100	1		µg/L	0	WA
		Chromium, total recoverable	<4.0	1		µg/L	0	WA
		Copper, total recoverable	<4.0	1		µg/L	0	WA
		Dibromochloromethane	<5.0	1		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1		µg/L	0	WA
		1,2-Dibromoethane	<20	1		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1		µg/L	0	WA
		Dichlorodifluoromethane	29	1		µg/L	2	WA
		1,1-Dichloroethane	41	1		µg/L	2	WA
		1,2-Dichloroethane	<5.0	1		µg/L	0	WA
		1,1-Dichloroethylene	5.3	1		µg/L	1	WA
		trans-1,2-Dichloroethylene	<5.0	1		µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	31	1	V	µg/L	2	WA
		2,4-Dichlorophenoxyacetic acid	<1.0	1.05		µg/L	0	WA
		1,2-Dichloropropane	<5.0	1		µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1		µg/L	0	WA
		Endrin	<0.11	1.09		µg/L	0	WA
		Ethylbenzene	<5.0	1		µg/L	0	WA
		Fluoride	<100	1		µg/L	0	WA
		2-Hexanone	<10	1		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1		µg/L	0	WA
		Iron, total recoverable	<30	1	JV	µg/L	0	WA
		Isobutyl alcohol	<20	1		µg/L	0	WA
		Lead, total recoverable	<3.0	1		µg/L	0	WA
		Lindane	<0.055	1.09		µg/L	0	WA
		Lithium, total recoverable	<5.0	1		µg/L	0	WA
		Magnesium, total recoverable	972	1		µg/L	0	WA
		Manganese, total recoverable	19	1		µg/L	0	WA
		Mercury, total recoverable	0.49	1		µg/L	0	WA
		Methacrylonitrile	<20	1		µg/L	0	WA
		Methoxychlor	<0.55	1.09		µg/L	0	WA
		Methyl ethyl ketone	<10	1		µg/L	0	WA
		Methyl isobutyl ketone	<10	1		µg/L	0	WA
		Nickel, total recoverable	<4.0	1		µg/L	0	WA
		Nitrate as nitrogen	341	1		µg/L	0	WA
		Phenols	<5.0	1		µg/L	0	WA
		Potassium, total recoverable	<500	1		µg/L	0	WA
		Propionitrile	<50	1		µg/L	0	WA
		Selenium, total recoverable	<2.0	1		µg/L	0	WA
		Silica, dissolved	8,580	2.1		µg/L	0	WA
		Silica, total recoverable	8,650	2.1		µg/L	0	WA
		Silver, total recoverable	<2.0	1		µg/L	0	WA
		Sodium, total recoverable	4,390	1		µg/L	0	WA
		Styrene	<5.0	1		µg/L	0	WA
		Sulfate	2,490	1		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1		µg/L	0	WA
		Tetrachloroethylene	2.9	1	J	µg/L	1	WA
		Toluene	<5.0	1		µg/L	0	WA
		Total dissolved solids	2,000	1		µg/L	0	WA
		Total dissolved solids	3,000	1		µg/L	0	WA
		Total organic carbon	2,200	1		µg/L	0	WA
		Total organic carbon	2,100	1		µg/L	0	WA

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

WELL LFW 66C collected on 06/02/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Total organic halogens	394	6.66		µg/L	2	WA
		Total phosphates (as P)	<50	1		µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.53	1.05		µg/L	0	WA
		1,1,1-Trichloroethane	5.5	1		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1		µg/L	0	WA
	■	Trichloroethylene	15	1		µg/L	2	WA
		Trichlorofluoromethane	85	1		µg/L	2	WA
		1,2,3-Trichloropropane	<10	1		µg/L	0	WA
		Vanadium, total recoverable	<3.0	1		µg/L	0	WA
		Vinyl acetate	<10	1		µg/L	0	WA
		Xylenes	<5.0	1		µg/L	0	WA
		Gross alpha	<4.3E-01	1		pCi/L	0	TM
		Nonvolatile beta	9.0E-01	1		pCi/L	0	TM
		Radium-226	1.0E+00	1		pCi/L	0	TM
		Radium-228	<1.1E-01	1		pCi/L	0	TM
		Total activity	3.6E+04	1		pCi/L	0	EM
	■	Tritium	3.7E+01	1		pCi/mL	2	TM

WELL LFW 66D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82835.1 E46173.7	33.284311 °N 81.706121 °W	141.8-121.8 ft msl	161.7 ft msl	2" PVC	V	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/02/94
Depth to water: 21.13 ft (6.44 m) below TOC
Water elevation: 140.57 ft (42.85 m) msl
Sp. conductance: 34 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 242 gal

Time: 15:23
pH: 5.0
Alkalinity: 0 mg/L
Water temperature: 18.9 °C

Volumes purged: 78.6 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
●		pH	5.1	1	J	pH	0	WA
●		pH	5.1	1	J	pH	0	WA
		Specific conductance	26	1		µS/cm	0	WA
		Acetone	<10	1		µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1		µg/L	0	WA
		Acrolein	<10	1		µg/L	0	WA
		Acrylonitrile	<10	1		µg/L	0	WA
		Allyl chloride	<20	1		µg/L	0	WA
		Aluminum, total recoverable	<20	1		µg/L	0	WA
		Arsenic, total recoverable	<2.0	1		µg/L	0	WA
		Barium, total recoverable	4.4	1		µg/L	0	WA
		Benzene	<5.0	1		µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1		µg/L	0	WA
		Bromoform	<5.0	1		µg/L	0	WA

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

WELL LFW 66D collected on 06/02/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Bromomethane (Methyl bromide)	<10	1		µg/L	0	WA
		Cadmium, total recoverable	<2.0	1		µg/L	0	WA
		Calcium, total recoverable	601	1		µg/L	0	WA
		Carbon disulfide	<5.0	1		µg/L	0	WA
		Carbon tetrachloride	<5.0	1		µg/L	0	WA
		Chloride	3,430	1		µg/L	0	WA
		Chlorobenzene	<5.0	1		µg/L	0	WA
		Chloroethane	<10	1		µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1		µg/L	0	WA
		Chloroform	<5.0	1		µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1		µg/L	0	WA
		Chloroprene	<100	1		µg/L	0	WA
		Chromium, total recoverable	<4.0	1		µg/L	0	WA
		Copper, total recoverable	<4.0	1		µg/L	0	WA
		Dibromochloromethane	<5.0	1		µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1		µg/L	0	WA
		1,2-Dibromoethane	<20	1		µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1		µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1		µg/L	0	WA
		Dichlorodifluoromethane	39	1		µg/L	2	WA
		1,1-Dichloroethane	68	1		µg/L	2	WA
		1,2-Dichloroethane	<5.0	1		µg/L	0	WA
		1,1-Dichloroethylene	4.4	1	J	µg/L	1	WA
		trans-1,2-Dichloroethylene	<5.0	1		µg/L	0	WA
		Dichloromethane (Methylene chloride)	<17	1	JV	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.12		µg/L	0	WA
		1,2-Dichloropropane	3.3	1	J	µg/L	1	WA
		cis-1,3-Dichloropropene	<5.0	1		µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1		µg/L	0	WA
		Endrin	<0.11	1.1		µg/L	0	WA
		Ethylbenzene	<5.0	1		µg/L	0	WA
		Fluoride	<100	1		µg/L	0	WA
		2-Hexanone	<10	1		µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1		µg/L	0	WA
		Iron, total recoverable	<30	1	JV	µg/L	0	WA
		Isobutyl alcohol	<20	1		µg/L	0	WA
		Lead, total recoverable	<3.0	1		µg/L	0	WA
		Lindane	<0.055	1.1		µg/L	0	WA
		Lithium, total recoverable	<5.0	1		µg/L	0	WA
		Magnesium, total recoverable	616	1		µg/L	0	WA
		Manganese, total recoverable	5.3	1		µg/L	0	WA
		Mercury, total recoverable	0.55	1		µg/L	0	WA
		Methacrylonitrile	<20	1		µg/L	0	WA
		Methoxychlor	<0.55	1.1		µg/L	0	WA
		Methyl ethyl ketone	<10	1		µg/L	0	WA
		Methyl isobutyl ketone	<10	1		µg/L	0	WA
		Nickel, total recoverable	<4.0	1		µg/L	0	WA
		Nitrate as nitrogen	251	1		µg/L	0	WA
		Phenols	<5.0	1		µg/L	0	WA
		Potassium, total recoverable	<500	1		µg/L	0	WA
		Propionitrile	<50	1		µg/L	0	WA
		Selenium, total recoverable	<2.0	1		µg/L	0	WA
		Silica, dissolved	8,470	2.1		µg/L	0	WA
		Silica, total recoverable	8,590	2.1		µg/L	0	WA
		Silver, total recoverable	<2.0	1		µg/L	0	WA
		Sodium, total recoverable	2,790	1		µg/L	0	WA

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

WELL LFW 66D collected on 06/02/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Styrene	<5.0	1		µg/L	0	WA
		Sulfate	<1,000	1		µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1		µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1		µg/L	0	WA
	■	Tetrachloroethylene	12	1		µg/L	2	WA
		Toluene	<5.0	1		µg/L	0	WA
		Total dissolved solids	26,000	1		µg/L	0	WA
		Total organic carbon	<1,000	1		µg/L	0	WA
		Total organic halogens	306	5		µg/L	2	WA
		Total phosphates (as P)	<50	1		µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.1		µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.12		µg/L	0	WA
		1,1,1-Trichloroethane	28	1		µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1		µg/L	0	WA
	■	Trichloroethylene	36	1		µg/L	2	WA
		Trichlorofluoromethane	54	1		µg/L	2	WA
		1,2,3-Trichloropropane	<10	1		µg/L	0	WA
		Vanadium, total recoverable	<3.0	1		µg/L	0	WA
		Vinyl acetate	<10	1		µg/L	0	WA
		Xylenes	<5.0	1		µg/L	0	WA
		Gross alpha	8.0E-01	1		pCi/L	0	TM
		Nonvolatile beta	1.8E+00	1		pCi/L	0	TM
		Radium-226	5.2E-01	1		pCi/L	0	TM
		Radium-228	1.2E+00	1		pCi/L	0	TM
		Total activity	7.4E+03	1		pCi/L	0	EM
		Tritium	8.3E+00	1		pCi/mL	0	TM

WELL LFW 67B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82847.1 E46517.1	33.284898 °N 81.705241 °W	65.6-55.6 ft msl	157.7 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 19.09 ft (5.82 m) below TOC
Water elevation: 138.61 ft (42.25 m) msl
Sp. conductance: 81 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 40 gal

Time: 10:41
pH: 3.9
Alkalinity: 0 mg/L
Water temperature: 19.7 °C

Volumes purged: 2.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.1	1	JY	pH	0	WA
		Specific conductance	63	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA

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

WELL LFW 67B collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Aluminum, total recoverable	221	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	8.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,520	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,750	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	49	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	451	1	Y	µg/L	0	WA
		Manganese, total recoverable	13	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	8.5	1	Y	µg/L	0	WA
		Nitrate as nitrogen	546	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 67B collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Potassium, total recoverable	566	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	10,300	2.1		µg/L	0	WA
		Silica, total recoverable	10,100	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,540	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	10,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	26,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	7.9E+00	1		pCi/L	1	TM
		Nonvolatile beta	4.2E+00	1		pCi/L	0	TM
		Radium-226	8.1E-01	1		pCi/L	0	TM
		Radium-228	8.0E-01	1		pCi/L	0	TM
		Total activity	1.8E+03	1		pCi/L	0	EM
		Tritium	5.4E-01	1		pCi/mL	0	TM

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

WELL LFW 67C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82844.2 E46527.5	33.284909 °N 81.705208 °W	96.1-86.1 ft msl	157.1 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 19.13 ft (5.83 m) below TOC
Water elevation: 137.97 ft (42.05 m) msl
Sp. conductance: 79 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 58 gal

Time: 11:57
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.9 °C

Volumes purged: 6.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.8	1	JY	pH	0	WA
		Specific conductance	59	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	30	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	10	1	Y	µg/L	0	WA
		Benzene	1.2	1	JY	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	857	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	12,800	5	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	5.5	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	39	1	Y	µg/L	2	WA
		1,1-Dichloroethane	45	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	4.6	1	JY	µg/L	1	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	124	1	Y	µg/L	2	WA

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

WELL LFW 67C collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin		1.1	RY4	µg/L	0	WA
•		Endrin	<0.10	1.04	JY	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	16	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	13	1	Y	µg/L	0	WA
		Lindane		1.1	RY4	µg/L	0	WA
•		Lindane	<0.052	1.04	JY	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	1,010	1	Y	µg/L	0	WA
		Manganese, total recoverable	4.5	1	Y	µg/L	0	WA
		Mercury, total recoverable	0.46	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
•		Methoxychlor	<0.52	1.04	JY	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	99	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	505	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	9,910	2.1		µg/L	0	WA
		Silica, total recoverable	9,210	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	8,120	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
	■	Tetrachloroethylene	66	1	Y	µg/L	2	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	28,000	1	Y	µg/L	0	WA
		Total organic carbon	1,500	1	Y	µg/L	0	WA
		Total organic halogens	458	6.66	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	3,000	1		µg/L	0	GE
		Toxaphene		1.1	RY4	µg/L	0	WA
•		Toxaphene	<1.0	1.04	JY	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	4.2	1	JY	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	21	1	Y	µg/L	2	WA
		Trichlorofluoromethane	71	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	18	1	Y	µg/L	0	WA

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

WELL LFW 67C collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Gross alpha	6.2E+00	1		pCi/L	0	TM
		Nonvolatile beta	3.2E+00	1		pCi/L	0	TM
		Radium-226	2.1E+00	1		pCi/L	0	TM
		Radium-228	1.9E+00	1		pCi/L	0	TM
		Total activity	1.4E+04	1		pCi/L	0	EM
		Tritium	1.5E+01	1		pCi/mL	1	TM

WELL LFW 67D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82855.0 E46529.9	33.284936 °N 81.705222 °W	140.6-120.6 ft msl	157.7 ft msl	2" PVC	V	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 17.69 ft (5.39 m) below TOC
Water elevation: 140.01 ft (42.68 m) msl
Sp. conductance: 48 µS/cm
Turbidity: 0.5 NTU
Water evacuated before sampling: 32 gal
Time: 11:19
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 18.5 °C
Volumes purged: 10.1 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.8	1	JY	pH	0	WA
		Specific conductance	35	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	52	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	8.2	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,030	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	5,790	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	1.1	1	JY	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA

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

WELL LFW 67D collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	37	1	Y	µg/L	2	WA
		1,1-Dichloroethane	63	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
	■	1,1-Dichloroethylene	9.4	1	Y	µg/L	2	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
	■	Dichloromethane (Methylene chloride)	69	1	Y	µg/L	2	WA
●		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	JY	µg/L	0	WA
		1,2-Dichloropropane	1.5	1	JY	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
●		Endrin	<0.11	1.1	JY	µg/L	0	WA
		Ethylbenzene	2.9	1	JY	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	16	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
●		Lindane	<0.055	1.1	JY	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	1,340	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
●		Methoxychlor	<0.55	1.1	JY	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	100	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	70	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	604	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	8,630	2.1		µg/L	0	WA
		Silica, total recoverable	8,340	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,630	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
	■	Tetrachloroethylene	18	1	Y	µg/L	2	WA
		Toluene	1.1	1	JY	µg/L	0	WA
		Total dissolved solids	25,000	1	Y	µg/L	0	WA
		Total organic carbon	1,600	1	Y	µg/L	0	WA
		Total organic halogens	676	6.66	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
●		Toxaphene	<1.1	1.1	JY	µg/L	0	WA
●		2,4,5-TP (Silvex)	<0.55	1.1	JY	µg/L	0	WA
		1,1,1-Trichloroethane	53	1	Y	µg/L	0	WA

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

WELL LFW 67D collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
	■	Trichloroethylene	21	1	Y	µg/L	2	WA
		Trichlorofluoromethane	153	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	19	1	Y	µg/L	0	WA
		Gross alpha	4.5E+00	1		pCi/L	0	TM
		Nonvolatile beta	3.8E+00	1		pCi/L	0	TM
		Radium-226	1.9E+00	1		pCi/L	0	TM
		Radium-228	1.3E+00	1		pCi/L	0	TM
		Total activity	1.0E+04	1		pCi/L	0	EM
		Tritium	8.3E+00	1		pCi/mL	0	TM

WELL LFW 68B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N83023.3 E46885.3	33.285889 °N 81.704614 °W	66.7-56.7 ft msl	160.5 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 21.12 ft (6.44 m) below TOC
Water elevation: 139.38 ft (42.48 m) msl
Sp. conductance: 51 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 36 gal

Time: 11:37
pH: 4.4
Alkalinity: 0 mg/L
Water temperature: 19.6 °C

Volumes purged: 2.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.2	1	JY	pH	0	WA
		Specific conductance	41	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	194	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	9.2	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<30	1		µg/L	0	GE
		Boron, total recoverable	<30	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,320	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,790	1	Y	µg/L	0	WA

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

WELL LFW 68B collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	7.1	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	<20	1	JVY	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	525	1	Y	µg/L	0	WA
		Manganese, total recoverable	17	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	6.5	1	Y	µg/L	0	WA
		Nitrate as nitrogen	584	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	9,850	2.1		µg/L	0	WA
		Silica, total recoverable	9,930	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,880	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 68B collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		Total dissolved solids	38,000	1	JY	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	8.9E+00	1		pCi/L	1	TM
		Nonvolatile beta	5.7E+00	1		pCi/L	0	TM
		Radium-226	3.3E+00	1		pCi/L	0	TM
		Radium-228	1.0E+00	1		pCi/L	0	TM
		Total activity	2.5E+03	1		pCi/L	0	EM
		Tritium	1.7E-01	1		pCi/mL	0	TM

WELL LFW 68C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N83027.5 E46876.2	33.285883 °N 81.704646 °W	98.3-88.3 ft msl	161.1 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/09/94
Depth to water: 22.46 ft (6.85 m) below TOC
Water elevation: 138.64 ft (42.26 m) msl
Sp. conductance: 30 µS/cm
Turbidity: 2.1 NTU
Water evacuated before sampling: 38 gal

Time: 10:55
pH: 4.9
Alkalinity: 1 mg/L
Water temperature: 19.8 °C

Volumes purged: 4.6 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.9	1	JY	pH	0	WA
		Specific conductance	24	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	51	1		µg/L	2	WA
		Aluminum, total recoverable	48	1		µg/L	1	WA
		Arsenic, total recoverable	<2.0	1		µg/L	0	WA
		Arsenic, total recoverable	<2.0	1		µg/L	0	WA
		Barium, total recoverable	7.9	1	J3	µg/L	0	WA
		Barium, total recoverable	6.4	1	J3	µg/L	0	WA

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

WELL LFW 68C collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<30	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1		µg/L	0	WA
		Cadmium, total recoverable	<2.0	1		µg/L	0	WA
		Calcium, total recoverable	656	1		µg/L	0	WA
		Calcium, total recoverable	646	1		µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,320	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1		µg/L	0	WA
		Chromium, total recoverable	<4.0	1		µg/L	0	WA
		Copper, total recoverable	<4.0	1		µg/L	0	WA
		Copper, total recoverable	<4.0	1		µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	1.3	1	JY	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.06	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	38	1		µg/L	0	WA
		Iron, total recoverable	41	1		µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1		µg/L	0	WA
		Lead, total recoverable	<3.0	1		µg/L	0	WA
		Lindane	<0.053	1.06	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1		µg/L	0	WA
		Lithium, total recoverable	<5.0	1		µg/L	0	WA
		Magnesium, total recoverable	657	1		µg/L	0	WA
		Magnesium, total recoverable	633	1		µg/L	0	WA
		Manganese, total recoverable	4.4	1		µg/L	0	WA
		Manganese, total recoverable	4.2	1		µg/L	0	WA
		Mercury, total recoverable	<0.20	1		µg/L	0	WA

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

WELL LFW 68C collected on 06/09/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.53	1.06	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1		µg/L	0	WA
		Nickel, total recoverable	<4.0	1		µg/L	0	WA
		Nitrate as nitrogen	711	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1		µg/L	0	WA
		Potassium, total recoverable	<500	1		µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1		µg/L	0	WA
		Selenium, total recoverable	<2.0	1		µg/L	0	WA
		Silica, dissolved	6,480	2.1		µg/L	0	WA
		Silica, total recoverable	6,640	2.1	J3	µg/L	0	WA
		Silica, total recoverable	6,640	2.1	J3	µg/L	0	WA
		Silver, total recoverable	<2.0	1		µg/L	0	WA
		Silver, total recoverable	<2.0	1		µg/L	0	WA
		Sodium, total recoverable	1,600	1		µg/L	0	WA
		Sodium, total recoverable	1,600	1		µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	1,550	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
•		Total dissolved solids	15,000	1	JY	µg/L	0	WA
•		Total dissolved solids	14,000	1	JY	µg/L	0	WA
•		Total dissolved solids	18,000	1	JY	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	9.5	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	4,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.06	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	3.4	1	JY	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	8.6	1	Y	µg/L	1	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1		µg/L	0	WA
		Vanadium, total recoverable	<3.0	1		µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.9E+00	1		pCi/L	0	TM
		Nonvolatile beta	1.9E+00	1		pCi/L	0	TM
		Radium-226	2.1E+00	1		pCi/L	0	TM
		Radium-228	8.0E-01	1		pCi/L	0	TM
		Total activity	1.4E+03	1		pCi/L	0	EM
		Tritium	2.9E+00	1		pCi/mL	0	TM

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

WELL LFW 68D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N83031.6 E46868.0	33.285879 °N 81.704676 °W	144.6-124.6 ft msl	161.4 ft msl	2" PVC	V	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/09/94 Time: 12:20
Depth to water: 20.36 ft (6.21 m) below TOC
Water elevation: 141.04 ft (42.99 m) msl
No water evacuated before sampling.
Inaccessibility or pump failure prevented sample collection.

WELL LFW 69B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82451.2 E45492.0	33.282349 °N 81.707170 °W	57.0-52.0 ft msl	145.7 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/08/94 Time: 10:24
Depth to water: 8.63 ft (2.63 m) below TOC pH: 4.0
Water elevation: 137.07 ft (41.78 m) msl Alkalinity: 0 mg/L
Sp. conductance: 68 µS/cm Water temperature: 19.5 °C
Turbidity: 0.1 NTU
Water evacuated before sampling: 40 gal Volumes purged: 2.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.1	1	JY	pH	0	WA
		Specific conductance	52	1	Y	µS/cm	0	WA
		Acetone	<80	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	341	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	9.4	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,560	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,800	1	Y	µg/L	0	WA
		Chloride	1,780	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 69B collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	2.5	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	189	1	Y	µg/L	1	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.1	Y	µg/L	0	WA
		Lithium, total recoverable	5.1	1	Y	µg/L	0	WA
		Magnesium, total recoverable	418	1	Y	µg/L	0	WA
		Manganese, total recoverable	18	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	11	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	10,500	2.1	Y	µg/L	0	WA
		Silica, total recoverable	11,100	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,900	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	12,300	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 69B collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Total dissolved solids	82,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	5.5E+00	1		pCi/L	0	TM
		Nonvolatile beta	9.1E+00	1		pCi/L	0	TM
		Radium-226	2.5E+00	1		pCi/L	0	TM
		Radium-228	6.9E+00	1		pCi/L	0	TM
		Total activity	2.8E+02	1		pCi/L	0	EM
		Tritium	<1.6E-01	1		pCi/mL	0	TM

WELL LFW 69C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82458.6 E45494.5	33.282370 °N 81.707178 °W	89.1-79.1 ft msl	146 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 8.72 ft (2.66 m) below TOC
Water elevation: 137.28 ft (41.84 m) msl
Sp. conductance: 45 µS/cm
Turbidity: 0.8 NTU
Water evacuated before sampling: 65 gal

Time: 11:39
pH: 5.0
Alkalinity: 2 mg/L
Water temperature: 19.7 °C

Volumes purged: 6.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.8	1	JY	pH	0	WA
		Specific conductance	33	1	Y	µS/cm	0	WA
		Acetone	<80	1	JVY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	377	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	15	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 69C collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,500	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,780	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	9.3	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	VY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin		1.1	RY4	µg/L	0	WA
•		Endrin	<0.11	1.09	JY	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	44	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	4.1	1	Y	µg/L	0	WA
		Lindane		1.1	RY4	µg/L	0	WA
•		Lindane	<0.055	1.09	JY	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	583	1	Y	µg/L	0	WA
		Manganese, total recoverable	24	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
•		Methoxychlor	<0.55	1.09	JY	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	6.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	439	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA

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

WELL LFW 69C collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	9,820	2.1	Y	µg/L	0	WA
		Silica, total recoverable	11,000	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,720	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	7,700	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	71,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	3,000	1		µg/L	0	GE
		Toxaphene		1.1	RY4	µg/L	0	WA
•		Toxaphene	<1.1	1.09	JY	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	3.5E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.5E+00	1		pCi/L	0	TM
		Radium-226	3.4E-01	1		pCi/L	0	TM
		Radium-228	1.7E+00	1		pCi/L	0	TM
		Total activity	9.2E+02	1		pCi/L	0	EM
		Tritium	<1.6E-01	1		pCi/mL	0	TM

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

WELL LFW 69D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82452.0 E45501.0	33.282366 °N 81.707148 °W	139.0-119.0 ft msl	146.1 ft msl	2" PVC	V	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 8.71 ft (2.65 m) below TOC
Water elevation: 137.39 ft (41.88 m) msl
Sp. conductance: 74 µS/cm
Turbidity: 0.8 NTU
Water evacuated before sampling: 28 gal

Time: 10:53
pH: 5.2
Alkalinity: 2 mg/L
Water temperature: 20.0 °C

Volumes purged: 9.3 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.3	1	JY	pH	0	WA
		Specific conductance	54	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	25	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	5.4	1	Y	µg/L	0	WA
		Benzene	1.3	1	JY	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	560	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	11,800	2	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	2.1	1	JY	µg/L	0	WA
	■	Chloroethene (Vinyl chloride)	5.9	1	JY	µg/L	2	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	2.1	1	JY	µg/L	0	WA
		1,1-Dichloroethane	40	1	Y	µg/L	2	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<20	1	JVY	µg/L	0	WA

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

WELL LFW 69D collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.11	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	1,520	1	Y	µg/L	2	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.056	1.11	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	581	1	Y	µg/L	0	WA
		Manganese, total recoverable	11	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.56	1.11	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	5,330	2.1	Y	µg/L	0	WA
		Silica, total recoverable	5,250	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	8,040	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	108,000	1	Y	µg/L	0	WA
		Total organic carbon	1,450	1	Y	µg/L	0	WA
		Total organic halogens	140	4	Y	µg/L	2	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.11	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	1.1	1	JY	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.0E+00	1		pCi/L	0	TM
		Nonvolatile beta	<6.9E-01	1		pCi/L	0	TM
		Radium-226	1.1E+00	1		pCi/L	0	TM
		Radium-228	1.2E+00	1		pCi/L	0	TM

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

WELL LFW 69D collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Total activity	1.4E+04	1		pCi/L	0	EM
		Tritium	1.4E+01	1		pCi/mL	1	TM

WELL LFW 70B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82300.5 E45825.5	33.282560 °N 81.705999 °W	66.5-61.5 ft msl	145.2 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 9.49 ft (2.89 m) below TOC
Water elevation: 135.71 ft (41.36 m) msl
Sp. conductance: 54 µS/cm
Turbidity: 3.5 NTU
Water evacuated before sampling: 47 gal

Time: 8:04
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.4 °C

Volumes purged: 3.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.8	1	JY	pH	0	WA
		Specific conductance	41	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	119	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	13	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	2,830	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,810	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA

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

WELL LFW 70B collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<20	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.08	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	274	1	Y	µg/L	1	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.055	1.1	Y	µg/L	0	WA
		Lithium, total recoverable	5.3	1	Y	µg/L	0	WA
		Magnesium, total recoverable	493	1	Y	µg/L	0	WA
		Manganese, total recoverable	27	1	Y	µg/L	1	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	6.7	1	Y	µg/L	0	WA
		Nitrate as nitrogen	<20	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	536	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	11,800	2.1	Y	µg/L	0	WA
		Silica, total recoverable	12,100	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	2,410	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	11,800	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	67,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	4,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.54	1.08	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA

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

WELL LFW 70B collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	5.0E+00	1		pCi/L	0	TM
		Nonvolatile beta	5.0E+00	1		pCi/L	0	TM
		Radium-226	2.1E+00	1		pCi/L	0	TM
		Radium-228	1.9E+00	1		pCi/L	0	TM
		Total activity	3.7E+02	1		pCi/L	0	EM
		Tritium	<1.6E-01	1		pCi/mL	0	TM

WELL LFW 70C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82309.0 E45833.4	33.282592 °N 81.705995 °W	88.8-78.8 ft msl	145.7 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 10.00 ft (3.05 m) below TOC
Water elevation: 135.70 ft (41.36 m) msl
Sp. conductance: 46 µS/cm
Turbidity: 1.0 NTU
Water evacuated before sampling: 44 gal

Time: 8:31
pH: 4.3
Alkalinity: 0 mg/L
Water temperature: 19.9 °C

Volumes purged: 4.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
●		pH	4.3	1	JY	pH	0	WA
●		pH	4.3	1	JY	pH	0	WA
		Specific conductance	34	1	Y	µS/cm	0	WA
		Specific conductance	34	1	Y	µS/cm	0	WA
		Acetone	11	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	140	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	6.5	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	914	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,830	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA

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

WELL LFW 70C collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<20	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	<12	1	JVY	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	9.2	1	Y	µg/L	0	WA
		Lindane	<0.055	1.1	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	410	1	Y	µg/L	0	WA
		Manganese, total recoverable	11	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	731	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	8,530	2.1	Y	µg/L	0	WA
		Silica, total recoverable	8,580	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,510	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	3,970	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	68,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 70C collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	4.1E+00	1		pCi/L	0	TM
		Nonvolatile beta	2.0E+00	1		pCi/L	0	TM
		Radium-226	1.8E+00	1		pCi/L	0	TM
		Radium-228	1.1E+00	1		pCi/L	0	TM
		Total activity	5.7E+02	1		pCi/L	0	EM
		Tritium	5.0E-01	1		pCi/mL	0	TM

WELL LFW 70D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82316.3 E45839.8	33.282619 °N 81.705992 °W	138.3-118.3 ft msl	145.1 ft msl	2" PVC	V	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/08/94
Depth to water: 11.06 ft (3.37 m) below TOC
Water elevation: 134.04 ft (40.86 m) msl
Sp. conductance: 22 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 59 gal

Time: 9:10
pH: 4.9
Alkalinity: 0 mg/L
Water temperature: 18.6 °C

Volumes purged: 22.9 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	4.9	1	JY	pH	0	WA
		Specific conductance	16	1	Y	µS/cm	0	WA
		Acetone	<10	1	VY	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	33	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	6.1	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA

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

WELL LFW 70D collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Calcium, total recoverable	513	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,070	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	1.5	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	1.5	1	JY	µg/L	0	WA
		1,1-Dichloroethane	1.1	1	JY	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<20	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.12	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	<23	1	JVY	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	5.4	1	Y	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	367	1	Y	µg/L	0	WA
		Manganese, total recoverable	5.4	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	327	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	5,900	2.1	Y	µg/L	0	WA
		Silica, total recoverable	5,590	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,300	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 70D collected on 06/08/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	53,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.12	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	2.1	1	JY	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	<7.1E-01	1		pCi/L	0	TM
		Nonvolatile beta	1.2E+00	1		pCi/L	0	TM
		Radium-226	2.1E-01	1		pCi/L	0	TM
		Radium-228	5.0E-01	1		pCi/L	0	TM
		Total activity	2.2E+03	1		pCi/L	0	EM
		Tritium	1.6E+00	1		pCi/mL	0	TM

WELL LFW 71B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82616.7 E46340.4	33.284100 °N 81.705258 °W	67.0-57.0 ft msl	147 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 9.87 ft (3.01 m) below TOC
Water elevation: 137.13 ft (41.80 m) msl
Sp. conductance: 60 µS/cm
Turbidity: 0.1 NTU
Water evacuated before sampling: 171 gal

Time: 14:24
pH: 3.8
Alkalinity: 0 mg/L
Water temperature: 19.5 °C

Volumes purged: 13.0 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	6.4	1	JY	pH	0	WA
		Specific conductance	45	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	301	1	Y	µg/L	2	WA

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

WELL LFW 71B collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Aluminum, total recoverable	308	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	4.5	1	Y	µg/L	0	WA
		Barium, total recoverable	4.5	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<30,000	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	670	1	Y	µg/L	0	WA
		Calcium, total recoverable	685	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,680	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<17	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.12	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	<13	1	JVY	µg/L	0	WA
		Iron, total recoverable	<11	1	JVY	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	3.9	1	JY1	µg/L	0	WA
		Lindane	<0.056	1.12	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	297	1	Y	µg/L	0	WA
		Magnesium, total recoverable	314	1	Y	µg/L	0	WA

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

WELL LFW 71B collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Manganese, total recoverable	6.2	1	Y	µg/L	0	WA
		Manganese, total recoverable	6.2	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.56	1.12	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	7.0	1	JY3	µg/L	0	WA
		Nickel, total recoverable	5.4	1	JY3	µg/L	0	WA
		Nitrate as nitrogen	509	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	8,910	2.1	Y	µg/L	0	WA
		Silica, total recoverable	9,210	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,320	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,330	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	5,280	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	37,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	2,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.12	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	5.8E+00	1		pCi/L	0	TM
		Gross alpha	4.7E+00	1		pCi/L	0	TM
		Radium-228	3.0E-01	1		pCi/L	0	TM
		Total activity	1.6E+03	1		pCi/L	0	EM
		Tritium	<1.7E-01	1		pCi/mL	0	TM
		Tritium	<1.7E-01	1		pCi/mL	0	TM

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

WELL LFW 71C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82615.8 E46329.8	33.284081 °N 81.705284 °W	90.4-80.4 ft msl	147.2 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 10.08 ft (3.07 m) below TOC
Water elevation: 137.12 ft (41.79 m) msl
Sp. conductance: 45 µS/cm
Turbidity: 0.3 NTU
Water evacuated before sampling: 100 gal

Time: 13:27
pH: 4.2
Alkalinity: 0 mg/L
Water temperature: 19.8 °C

Volumes purged: 10.8 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.4	1	JY	pH	0	WA
		Specific conductance	34	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	104	1	Y	µg/L	2	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	8.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<30,000	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,070	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,250	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	4.1	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<17	1	JVY	µg/L	0	WA

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

WELL LFW 71C collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.09	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	<12	1	JVY	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	6.5	1	JY3	µg/L	0	WA
		Lead, total recoverable	<3.0	1	JY3	µg/L	0	WA
		Lindane	<0.055	1.09	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	654	1	Y	µg/L	0	WA
		Manganese, total recoverable	5.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.09	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	1,490	5	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	7,840	2.1	Y	µg/L	0	WA
		Silica, total recoverable	8,030	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,700	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	1,170	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	40,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	<5.0	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.09	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	2.0E+00	1		pCi/L	0	TM

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

WELL LFW 71C collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Radium-228	2.0E-01	1		pCi/L	0	TM
		Radium-228	5.0E-01	1		pCi/L	0	TM
		Total activity	1.0E+03	1		pCi/L	0	EM
		Tritium	1.4E+00	1		pCi/mL	0	TM

WELL LFW 71D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82615.1 E46319.8	33.284063 °N 81.705309 °W	135.5-115.5 ft msl	147.4 ft msl	2" PVC	V	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/06/94
Depth to water: 11.08 ft (3.38 m) below TOC
Water elevation: 136.32 ft (41.55 m) msl
Sp. conductance: 21 µS/cm
Turbidity: 4.8 NTU
Water evacuated before sampling: 63 gal

Time: 12:46
pH: 4.8
Alkalinity: 0 mg/L
Water temperature: 19.7 °C

Volumes purged: 18.5 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.7	1	JY	pH	0	WA
		Specific conductance	15	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	46	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	4.1	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	304	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,130	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	14	1	Y	µg/L	2	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA

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

WELL LFW 71D collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	7.0	1	JY	µg/L	1	WA
		1,1-Dichloroethane	5.8	1	Y	µg/L	1	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<73	1	JVY	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.11	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.11	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	100	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	4.5	1	JY1	µg/L	0	WA
		Lindane	<0.056	1.11	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	341	1	Y	µg/L	0	WA
		Manganese, total recoverable	3.6	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.56	1.11	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	47	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	5,640	2.1	Y	µg/L	0	WA
		Silica, total recoverable	6,160	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,440	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	26,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	35	1	Y	µg/L	1	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.11	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.56	1.11	Y	µg/L	0	WA
		1,1,1-Trichloroethane	3.7	1	JY	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 71D collected on 06/06/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Trichloroethylene	1.7	1	JY	µg/L	0	WA
		Trichlorofluoromethane	18	1	Y	µg/L	2	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	7.0E-01	1		pCi/L	0	TM
		Radium-228	8.0E-01	1		pCi/L	0	TM
		Total activity	4.7E+03	1		pCi/L	0	EM
		Tritium	4.7E+00	1		pCi/mL	0	TM

WELL LFW 72B

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82872.1 E46944.3	33.285651 °N 81.704165 °W	60.9-50.9 ft msl	150.1 ft msl	2" PVC	V	L. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/07/94 Time: 9:45
Depth to water: 12.50 ft (3.81 m) below TOC
Water elevation: 137.60 ft (41.94 m) msl
No water evacuated before sampling.
Inaccessibility or pump failure prevented sample collection.

WELL LFW 72C

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82875.8 E46937.1	33.285647 °N 81.704191 °W	97.8-87.8 ft msl	150.2 ft msl	2" PVC	V	M. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 13.39 ft (4.08 m) below TOC
Water elevation: 136.81 ft (41.70 m) msl
Sp. conductance: 34 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 54 gal

Time: 9:19
pH: 5.1
Alkalinity: 1 mg/L
Water temperature: 19.2 °C

Volumes purged: 6.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.3	1	JY	pH	0	WA
		Specific conductance	25	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA

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

WELL LFW 72C collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Aluminum, total recoverable	28	1	Y	µg/L	1	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	8.4	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	1,160	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	2,290	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	2.4	1	JY	µg/L	0	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	6.2	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA
		2,4-Dichlorophenoxyacetic acid	<1.1	1.09	Y	µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.1	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	17	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	8.5	1	Y	µg/L	0	WA
		Lindane	<0.055	1.1	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	751	1	Y	µg/L	0	WA
		Manganese, total recoverable	17	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.55	1.1	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	1,040	5	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 72C collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	6,580	2.1		µg/L	0	WA
		Silica, total recoverable	6,660	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,730	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	21,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	5.5	1	Y	µg/L	0	WA
		Total organic halogens	6.6	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.1	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.09	Y	µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	1.5	1	JY	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	<7.6E-01	1		pCi/L	0	TM
		Nonvolatile beta	1.1E+00	1		pCi/L	0	TM
		Radium-226	2.5E+00	1		pCi/L	0	TM
		Radium-228	5.3E+00	1		pCi/L	0	TM
		Total activity	2.6E+03	1		pCi/L	0	EM
		Tritium	2.9E+00	1		pCi/mL	0	TM

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

WELL LFW 72D

SRS Coord.	Lat/Longitude	Screen Zone Elevation	Top of Casing	Casing	Pump	Screen Zone
N82881.5 E46943.0	33.285669 °N 81.704186 °W	140.0-120.0 ft msl	150.2 ft msl	2" PVC	V	U. Steed Pond

FIELD MEASUREMENTS

Sample date: 06/07/94
Depth to water: 12.42 ft (3.79 m) below TOC
Water elevation: 137.78 ft (42.00 m) msl
Sp. conductance: 18 µS/cm
Turbidity: 0.4 NTU
Water evacuated before sampling: 37 gal

Time: 8:37
pH: 4.7
Alkalinity: 0 mg/L
Water temperature: 18.0 °C

Volumes purged: 12.7 well volumes

LABORATORY ANALYSES

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
•		pH	5.1	1	JY	pH	0	WA
		Specific conductance	13	1	Y	µS/cm	0	WA
		Acetone	<10	1	Y	µg/L	0	WA
		Acetonitrile (Methyl cyanide)	<20	1	Y	µg/L	0	WA
		Acrolein	<10	1	Y	µg/L	0	WA
		Acrylonitrile	<10	1	Y	µg/L	0	WA
		Allyl chloride	<20	1	Y	µg/L	0	WA
		Aluminum, total recoverable	22	1	Y	µg/L	0	WA
		Arsenic, total recoverable	<2.0	1	Y	µg/L	0	WA
		Barium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Benzene	<5.0	1	Y	µg/L	0	WA
		Boron, total recoverable	<52	1		µg/L	0	GE
		Bromodichloromethane	<5.0	1	Y	µg/L	0	WA
		Bromoform	<5.0	1	Y	µg/L	0	WA
		Bromomethane (Methyl bromide)	<10	1	Y	µg/L	0	WA
		Cadmium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Calcium, total recoverable	431	1	Y	µg/L	0	WA
		Carbon disulfide	<5.0	1	Y	µg/L	0	WA
		Carbon tetrachloride	<5.0	1	Y	µg/L	0	WA
		Chloride	1,620	1	Y	µg/L	0	WA
		Chlorobenzene	<5.0	1	Y	µg/L	0	WA
		Chloroethane	<10	1	Y	µg/L	0	WA
		Chloroethene (Vinyl chloride)	<10	1	Y	µg/L	0	WA
		Chloroform	<5.0	1	Y	µg/L	0	WA
		Chloromethane (Methyl chloride)	6.4	1	JY	µg/L	1	WA
		Chloroprene	<100	1	Y	µg/L	0	WA
		Chromium, total recoverable	<4.0	1	Y	µg/L	0	WA
		Copper, total recoverable	<4.0	1	Y	µg/L	0	WA
		Dibromochloromethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dibromo-3-chloropropane	<20	1	Y	µg/L	0	WA
		1,2-Dibromoethane	<20	1	Y	µg/L	0	WA
		Dibromomethane (Methylene bromide)	<10	1	Y	µg/L	0	WA
		trans-1,4-Dichloro-2-butene	<100	1	Y	µg/L	0	WA
		Dichlorodifluoromethane	<10	1	Y	µg/L	0	WA
		1,1-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,2-Dichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		trans-1,2-Dichloroethylene	<5.0	1	Y	µg/L	0	WA
		Dichloromethane (Methylene chloride)	<5.0	1	Y	µg/L	0	WA

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

WELL LFW 72D collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		2,4-Dichlorophenoxyacetic acid	<1.1	1.1		µg/L	0	WA
		1,2-Dichloropropane	<5.0	1	Y	µg/L	0	WA
		cis-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		trans-1,3-Dichloropropene	<5.0	1	Y	µg/L	0	WA
		Endrin	<0.11	1.08	Y	µg/L	0	WA
		Ethylbenzene	<5.0	1	Y	µg/L	0	WA
		Fluoride	<100	1	Y	µg/L	0	WA
		2-Hexanone	<10	1	Y	µg/L	0	WA
		Iodomethane (Methyl iodide)	<10	1	Y	µg/L	0	WA
		Iron, total recoverable	<4.0	1	Y	µg/L	0	WA
		Isobutyl alcohol	<20	1	Y	µg/L	0	WA
		Lead, total recoverable	<3.0	1	Y	µg/L	0	WA
		Lindane	<0.054	1.08	Y	µg/L	0	WA
		Lithium, total recoverable	<5.0	1	Y	µg/L	0	WA
		Magnesium, total recoverable	307	1	Y	µg/L	0	WA
		Manganese, total recoverable	<2.0	1	Y	µg/L	0	WA
		Mercury, total recoverable	<0.20	1	Y	µg/L	0	WA
		Methacrylonitrile	<20	1	Y	µg/L	0	WA
		Methoxychlor	<0.54	1.08	Y	µg/L	0	WA
		Methyl ethyl ketone	<10	1	Y	µg/L	0	WA
		Methyl isobutyl ketone	<10	1	Y	µg/L	0	WA
		Nickel, total recoverable	<4.0	1	Y	µg/L	0	WA
		Nitrate as nitrogen	109	1	Y	µg/L	0	WA
		Phenols	<5.0	1	Y	µg/L	0	WA
		Potassium, total recoverable	<500	1	Y	µg/L	0	WA
		Propionitrile	<50	1	Y	µg/L	0	WA
		Selenium, total recoverable	<2.0	1	Y	µg/L	0	WA
		Silica, dissolved	7,040	2.1		µg/L	0	WA
		Silica, total recoverable	7,190	2.1	Y	µg/L	0	WA
		Silver, total recoverable	<2.0	1	Y	µg/L	0	WA
		Sodium, total recoverable	1,010	1	Y	µg/L	0	WA
		Styrene	<5.0	1	Y	µg/L	0	WA
		Sulfate	<1,000	1	Y	µg/L	0	WA
		1,1,1,2-Tetrachloroethane	<10	1	Y	µg/L	0	WA
		1,1,2,2-Tetrachloroethane	<5.0	1	Y	µg/L	0	WA
		Tetrachloroethylene	<5.0	1	Y	µg/L	0	WA
		Toluene	<5.0	1	Y	µg/L	0	WA
		Total dissolved solids	7,000	1	Y	µg/L	0	WA
		Total organic carbon	<1,000	1	Y	µg/L	0	WA
		Total organic halogens	8.8	1	Y	µg/L	0	WA
		Total phosphates (as P)	<50	1	Y	µg/L	0	WA
		Total suspended solids	<1,000	1		µg/L	0	GE
		Toxaphene	<1.1	1.08	Y	µg/L	0	WA
		2,4,5-TP (Silvex)	<0.55	1.1		µg/L	0	WA
		1,1,1-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		1,1,2-Trichloroethane	<5.0	1	Y	µg/L	0	WA
		Trichloroethylene	<5.0	1	Y	µg/L	0	WA
		Trichlorofluoromethane	<5.0	1	Y	µg/L	0	WA
		1,2,3-Trichloropropane	<10	1	Y	µg/L	0	WA
		Vanadium, total recoverable	<3.0	1	Y	µg/L	0	WA
		Vinyl acetate	<10	1	Y	µg/L	0	WA
		Xylenes	<5.0	1	Y	µg/L	0	WA
		Gross alpha	1.6E+00	1		pCi/L	0	TM
		Nonvolatile beta	1.3E+00	1		pCi/L	0	TM
		Radium-226	1.8E-01	1		pCi/L	0	TM
		Radium-228	2.0E+00	1		pCi/L	0	TM

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

WELL LFW 72D collected on 06/07/94, laboratory analyses (cont.)

H	D	Analyte	Result	DF	Mod	Unit	Flag	Lab
		Total activity	5.0E+03	1		pCi/L	0	EM
		Tritium	3.2E+00	1		pCi/mL	0	TM

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

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Appendix A

Final Primary Drinking Water Standards

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Final Primary Drinking Water Standards

Analyte	Unit	Level	Status	Source
Alachlor	µg/L	2	Final	EPA, 1993
Aldicarb[a]	µg/L	3	Final	EPA, 1993
Aldicarb sulfone[a]	µg/L	2	Final	EPA, 1993
Aldicarb sulfoxide[a]	µg/L	4	Final	EPA, 1993
Antimony	µg/L	6	Final	EPA, 1993
Arsenic	µg/L	50	Final	EPA, 1993
Asbestos	Fibers/L	7,000,000	Final	EPA, 1993
Atrazine	µg/L	3	Final	EPA, 1993
Barium	µg/L	2,000	Final	EPA, 1993
Benzene	µg/L	5	Final	EPA, 1993
Benzo[a]pyrene	µg/L	0.2	Final	EPA, 1993
Beryllium	µg/L	4	Final	EPA, 1993
Bis(2-ethylhexyl) phthalate	µg/L	6	Final	EPA, 1993
Bromodichloromethane	µg/L	100	Final	EPA, 1993
Bromoform	µg/L	100	Final	EPA, 1993
2-sec-Butyl-4,6-dinitrophenol	µg/L	7	Final	EPA, 1993
Cadmium	µg/L	5	Final	EPA, 1993
Carbofuran	µg/L	40	Final	EPA, 1993
Carbon tetrachloride	µg/L	5	Final	EPA, 1993
Chlordane	µg/L	2	Final	EPA, 1993
Chlorobenzene	µg/L	100	Final	EPA, 1993
Chloroethene (Vinyl chloride)	µg/L	2	Final	EPA, 1993
Chloroform	µg/L	100	Final	EPA, 1993
Chromium	µg/L	100	Final	EPA, 1993
Copper	µg/L	1,300	Final	EPA, 1993
Cyanide	µg/L	200	Final	EPA, 1993
Dalapon[a]	µg/L	200	Final	EPA, 1993
Dibromochloromethane	µg/L	100	Final	EPA, 1993
1,2-Dibromo-3-chloropropane	µg/L	0.2	Final	EPA, 1993
1,2-Dibromoethane	µg/L	0.05	Final	EPA, 1993
1,2-Dichlorobenzene	µg/L	600	Final	EPA, 1993
1,4-Dichlorobenzene	µg/L	75	Final	EPA, 1993
1,2-Dichloroethane	µg/L	5	Final	EPA, 1993
1,1-Dichloroethylene	µg/L	7	Final	EPA, 1993
1,2-Dichloroethylene	µg/L	50	Final	EPA, 1993
cis-1,2-Dichloroethylene	µg/L	70	Final	EPA, 1993
trans-1,2-Dichloroethylene	µg/L	100	Final	EPA, 1993
Dichloromethane (Methylene chloride)	µg/L	5	Final	EPA, 1993
2,4-Dichlorophenoxyacetic acid	µg/L	70	Final	EPA, 1993
1,2-Dichloropropane	µg/L	5	Final	EPA, 1993
Di(2-ethylhexyl) adipate[a]	µg/L	400	Final	EPA, 1993
Diquat dibromide[a]	µg/L	20	Final	EPA, 1993
Endothall[a]	µg/L	100	Final	EPA, 1993
Endrin	µg/L	2	Final	EPA, 1993
Ethylbenzene	µg/L	700	Final	EPA, 1993
Fluoride	µg/L	4,000	Final	EPA, 1993
Glyphosate[a]	µg/L	700	Final	EPA, 1993
Gross alpha[b]	pCi/L	1.5E+01	Final	EPA, 1993
Heptachlor	µg/L	0.4	Final	EPA, 1993
Heptachlor epoxide	µg/L	0.2	Final	EPA, 1993
Hexachlorobenzene	µg/L	1	Final	EPA, 1993
Hexachlorocyclopentadiene	µg/L	50	Final	EPA, 1993
Lead	µg/L	50	Final	SCDHEC, 1981

Analyte	Unit	Level	Status	Source
Lindane	µg/L	0.2	Final	EPA, 1993
Mercury	µg/L	2	Final	EPA, 1993
Methoxychlor	µg/L	40	Final	EPA, 1993
Nickel	µg/L	100	Final	EPA, 1993
Nitrate as nitrogen	µg/L	10,000	Final	EPA, 1993
Nitrate-nitrite as nitrogen	µg/L	10,000	Final	EPA, 1993
Nitrite as nitrogen	µg/L	1,000	Final	EPA, 1993
Nonvolatile beta	pCi/L	5E+01	Interim Final	EPA, 1977
Oxamyl[a]	µg/L	200	Final	EPA, 1993
PCB 1016	µg/L	0.5	Final	EPA, 1993
PCB 1221	µg/L	0.5	Final	EPA, 1993
PCB 1232	µg/L	0.5	Final	EPA, 1993
PCB 1242	µg/L	0.5	Final	EPA, 1993
PCB 1248	µg/L	0.5	Final	EPA, 1993
PCB 1254	µg/L	0.5	Final	EPA, 1993
PCB 1260	µg/L	0.5	Final	EPA, 1993
PCB 1262	µg/L	0.5	Final	EPA, 1993
Pentachlorophenol	µg/L	1	Final	EPA, 1993
Picloram[a]	µg/L	500	Final	EPA, 1993
Selenium	µg/L	50	Final	EPA, 1993
Simazine[a]	µg/L	4	Final	EPA, 1993
Strontium-89/90[c]	pCi/L	8E+00	Final	EPA, 1993
Strontium-90	pCi/L	8E+00	Final	EPA, 1993
Styrene	µg/L	100	Final	EPA, 1993
2,3,7,8-TCDD	µg/L	0.00003	Final	EPA, 1993
Tetrachloroethylene	µg/L	5	Final	EPA, 1993
Thallium	µg/L	2	Final	EPA, 1993
Toluene	µg/L	1,000	Final	EPA, 1993
Toxaphene	µg/L	3	Final	EPA, 1993
2,4,5-TP (Silvex)	µg/L	50	Final	EPA, 1993
1,2,4-Trichlorobenzene	µg/L	70	Final	EPA, 1993
1,1,1-Trichloroethane	µg/L	200	Final	EPA, 1993
1,1,2-Trichloroethane	µg/L	5	Final	EPA, 1993
Trichloroethylene	µg/L	5	Final	EPA, 1993
Tritium	pCi/mL	2E+01	Final	EPA, 1993
Xylenes	µg/L	10,000	Final	EPA, 1993

Note: Final PDWS were assigned to alachlor, aldicarb, aldicarb sulfone, aldicarb sulfoxide, atrazine, carbofuran, dalapon, di(2-ethylhexyl) adipate, diquat dibromide, endothall, glyphosate, oxamyl, picloram, and simazine in the SRS Groundwater Monitoring Program for the first time beginning first quarter 1994.

[a] At present, EMS does not perform this analysis because the constituent is not in the current contract.
[b] The standard given is for gross alpha including radium-226 but excluding radon and uranium.
[c] For double radionuclide analyses where each separate radionuclide has its own standard, the more stringent standard is used.

References

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

EPA (U.S. Environmental Protection Agency), 1993. *National Primary Drinking Water Regulations*, **Code of Federal Regulations**, Section 40, Part 141, pp. 592–732. Washington, DC.

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

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Appendix B

Flagging Criteria

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Flagging Criteria

The Savannah River Site Environmental Protection Department/Environmental Monitoring Section (EPD/EMS) flagging criteria are as follows:

- Flag 2 criteria for constituents equal the Safe Drinking Water Act (SDWA) final Primary Drinking Water Standards (PDWS), the SDWA proposed PDWS, or the SDWA Secondary Drinking Water Standards (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 exceptions to the flagging rules:

- EPD/EMS sets flagging criteria for specific conductance and pH. No flags are set for alkalinity, calcium, carbonate, magnesium, potassium, silica, sodium, total dissolved solids, total phosphates (as P), and total phosphorus. Analyses for these parameters are conducted as part of the biennial comprehensive analyses or by special request.

- Aesthetic parameters such as color, corrosivity, Eh, odor, surfactants, and turbidity are not assigned flagging criteria but are analyzed by special request.

- Common laboratory contaminants and cleaners such as dichloromethane (methylene chloride), ketones, phthalates, and toluene are not assigned flagging criteria unless they have primary drinking water standards. These constituents are analyzed by special request.

Analyte	Unit	Flag 1	Flag 2	Source[a]
Acenaphthene	µg/L	50	100	EPA Method 8270
Acenaphthylene	µg/L	50	100	EPA Method 8270
Acetone	µg/L	500	1,000	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
Actinium-228	pCi/L	1.64E+03	3.27E+03	Proposed PDWS (EPA, 1991)
Alachlor	µg/L	1	2	Final PDWS (EPA, 1993a)
Aldicarb[b]	µg/L	1.5	3	Final PDWS (EPA, 1993a)
Aldicarb sulfone[b]	µg/L	1	2	Final PDWS (EPA, 1993a)
Aldicarb sulfoxide[b]	µg/L	2	4	Final PDWS (EPA, 1993a)
Aldrin	µg/L	0.25	0.5	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	SDWS (EPA, 1993b)
Aluminum, dissolved	µg/L	25	50	SDWS (EPA, 1993b)
Aluminum, total recoverable	µg/L	25	50	SDWS (EPA, 1993b)

Analyte	Unit	Flag 1	Flag 2	Source
Americium-241	pCi/L	3.17E+00	6.34E+00	Proposed PDWS (EPA, 1991)
Americium-243	pCi/L	3.19E+00	6.37E+00	Proposed PDWS (EPA, 1991)
4-Aminobiphenyl	µg/L	50	100	EPA Method 8270
Ammonia	µg/L	500	1,000	APHA Method 417B
Ammonia nitrogen	µg/L	500	1,000	EPA Method 350.1
Aniline	µg/L	50	100	EPA Method 8270
Anthracene	µg/L	50	100	EPA Method 8270
Antimony	µg/L	3	6	Final PDWS (EPA, 1993a)
Antimony, dissolved	µg/L	3	6	Final PDWS (EPA, 1993a)
Antimony, total recoverable	µg/L	3	6	Final PDWS (EPA, 1993a)
Antimony-125	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Aramite	µg/L	50	100	EPA Method 8270
Arsenic	µg/L	25	50	Final PDWS (EPA, 1993a)
Arsenic, dissolved	µg/L	25	50	Final PDWS (EPA, 1993a)
Arsenic, total recoverable	µg/L	25	50	Final PDWS (EPA, 1993a)
Asbestos	Fibers/L	3,500,000	7,000,000	Final PDWS (EPA, 1993a)
Atrazine	µg/L	1.5	3	Final PDWS (EPA, 1993a)
Azobenzene	µg/L	50	100	EPA Method 625
Barium	µg/L	1,000	2,000	Final PDWS (EPA, 1993a)
Barium, dissolved	µg/L	1,000	2,000	Final PDWS (EPA, 1993a)
Barium, total recoverable	µg/L	1,000	2,000	Final PDWS (EPA, 1993a)
Barium-140[c]	pCi/L	4.5E+01	9E+01	Interim Final PDWS (EPA, 1977)
Benzene	µg/L	2.5	5	Final PDWS (EPA, 1993a)
alpha-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
beta-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
delta-Benzene hexachloride	µg/L	0.25	0.5	EPA Method 8080
Benzidine	µg/L	250	500	EPA Method 8270
Benzo[*a*]anthracene	µg/L	0.05	0.1	Proposed PDWS (EPA, 1990)
Benzo[*b*]fluoranthene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Benzo[*k*]fluoranthene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Benzoic acid	µg/L	250	500	EPA Method 8270
Benzo[*g,h,i*]perylene	µg/L	50	100	EPA Method 8270
Benzo[*a*]pyrene	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
1,4-Benzoquinone	µg/L	50	100	EPA Method 8270
Benzyl alcohol	µg/L	50	100	EPA Method 8270
Beryllium	µg/L	2	4	Final PDWS (EPA, 1993a)
Beryllium, dissolved	µg/L	2	4	Final PDWS (EPA, 1993a)
Beryllium, total recoverable	µg/L	2	4	Final PDWS (EPA, 1993a)
Beryllium-7	pCi/L	3E+03	6E+03	Interim Final PDWS (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(2-ethylhexyl) phthalate	µg/L	3	6	Final PDWS (EPA, 1993a)
Bismuth-214	pCi/L	9.4E+03	1.89E+04	Proposed PDWS (EPA, 1991)
Boron	µg/L	150	300	EPA Method 6010
Boron, dissolved	µg/L	150	300	EPA Method 6010
Boron, total recoverable	µg/L	150	300	EPA Method 6010
Bromide	µg/L	5,000	10,000	EPA Method 300.0
Bromodichloromethane	µg/L	50	100	Final PDWS (EPA, 1993a)
Bromoform	µg/L	50	100	Final PDWS (EPA, 1993a)
Bromomethane (Methyl bromide)	µg/L	5	10	EPA Method 8240
4-Bromophenyl phenyl ether	µg/L	50	100	EPA Method 8270
Butylbenzyl phthalate		No flag	No flag	Set by EPD/EMS
2-sec-Butyl-4,6-dinitrophenol	µg/L	3.5	7	Final PDWS (EPA, 1993a)

Analyte	Unit	Flag 1	Flag 2	Source
Cadmium	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Cadmium, dissolved	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Cadmium, total recoverable	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Calcium		No flag	No flag	Set by EPD/EMS
Calcium, dissolved		No flag	No flag	Set by EPD/EMS
Calcium, total recoverable		No flag	No flag	Set by EPD/EMS
Carbofuran	µg/L	20	40	Final PDWS (EPA, 1993a)
Carbon-14	pCi/L	1E+03	2E+03	Interim Final PDWS (EPA, 1977)
Carbonate		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 PDWS (EPA, 1993a)
Cerium-141[c]	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Cerium-144	pCi/L	1.31E+02	2.61E+02	Proposed PDWS (EPA, 1991)
Cesium-134[d]	pCi/L	4.07E+01	8.13E+01	Proposed PDWS (EPA, 1991)
Cesium-137	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Chlordane	µg/L	1	2	Final PDWS (EPA, 1993a)
Chloride	µg/L	125,000	250,000	SDWS (EPA, 1993b)
4-Chloroaniline	µg/L	50	100	EPA Method 8270
Chlorobenzene	µg/L	50	100	Final PDWS (EPA, 1993a)
Chlorobenzilate	µg/L	50	100	EPA Method 8270
4-Chloro-m-cresol	µg/L	50	100	EPA Method 8270
Chloroethane	µg/L	5	10	EPA Method 8240
Chloroethene (Vinyl chloride)	µg/L	1	2	Final PDWS (EPA, 1993a)
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 PDWS (EPA, 1993a)
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
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 PDWS (EPA, 1993a)
Chromium, dissolved	µg/L	50	100	Final PDWS (EPA, 1993a)
Chromium, total recoverable	µg/L	50	100	Final PDWS (EPA, 1993a)
Chromium-51[c]	pCi/L	3E+03	6E+03	Interim Final PDWS (EPA, 1977)
Chrysene	µg/L	0.1	0.2	Proposed PDWS (EPA, 1990)
Cobalt	µg/L	20	40	EPA Method 6010
Cobalt, dissolved	µg/L	20	40	EPA Method 6010
Cobalt, total recoverable	µg/L	20	40	EPA Method 6010
Cobalt-57	pCi/L	5E+02	1E+03	Interim Final PDWS (EPA, 1977)
Cobalt-58[d]	pCi/L	4.5E+03	9E+03	Interim Final PDWS (EPA, 1977)
Cobalt-60	pCi/L	5E+01	1E+02	Interim Final PDWS (EPA, 1977)
Color		No flag	No flag	Set by EPD/EMS
Copper	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Copper, dissolved	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
Copper, total recoverable	µg/L	500	1,000	Final PDWS (SCDHEC, 1981)
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 PDWS (EPA, 1991)
Curium-243	pCi/L	4.15E+00	8.3E+00	Proposed PDWS (EPA, 1991)
Curium-243/244[e]	pCi/L	4.15E+00	8.3E+00	Proposed PDWS (EPA, 1991)
Curium-244	pCi/L	4.92E+00	9.84E+00	Proposed PDWS (EPA, 1991)
Curium-245/246[e]	pCi/L	3.12E+00	6.23E+00	Proposed PDWS (EPA, 1991)

Analyte	Unit	Flag 1	Flag 2	Source
Curium-246	pCi/L	3.14E+00	6.27E+00	Proposed PDWS (EPA, 1991)
Cyanide	µg/L	100	200	Final PDWS (EPA, 1993a)
Dalapon[b]	µg/L	100	200	Final PDWS (EPA, 1993a)
p,p'-DDD	µg/L	0.5	1	EPA Method 8080
p,p'-DDE	µg/L	0.5	1	EPA Method 8080
p,p'-DDT	µg/L	0.5	1	EPA Method 8080
Diallate	µg/L	50	100	EPA Method 8270
Dibenz[*a,h*]anthracene	µg/L	0.15	0.3	Proposed PDWS (EPA, 1990)
Dibenzofuran	µg/L	50	100	EPA Method 8270
Dibromochloromethane	µg/L	50	100	Final PDWS (EPA, 1993a)
1,2-Dibromo-3-chloropropane	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
1,2-Dibromoethane	µg/L	0.025	0.05	Final PDWS (EPA, 1993a)
Dibromomethane (Methylene bromide)	µg/L	5	10	EPA Method 8240
Di-n-butyl phthalate		No flag	No flag	Set by EPD/EMS
1,2-Dichlorobenzene	µg/L	300	600	Final PDWS (EPA, 1993a)
1,3-Dichlorobenzene	µg/L	50	100	EPA Method 8270
1,4-Dichlorobenzene	µg/L	37.5	75	Final PDWS (EPA, 1993a)
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 PDWS (EPA, 1993a)
1,1-Dichloroethylene	µg/L	3.5	7	Final PDWS (EPA, 1993a)
1,2-Dichloroethylene	µg/L	25	50	Final PDWS (EPA, 1993a)
cis-1,2-Dichloroethylene	µg/L	35	70	Final PDWS (EPA, 1993a)
trans-1,2-Dichloroethylene	µg/L	50	100	Final PDWS (EPA, 1993a)
Dichloromethane (Methylene chloride)	µg/L	2.5	5	Final PDWS (EPA, 1993a)
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 PDWS (EPA, 1993a)
1,2-Dichloropropane	µg/L	2.5	5	Final PDWS (EPA, 1993a)
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
Di(2-ethylhexyl) adipate	µg/L	200	400	Final PDWS (EPA, 1993a)
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
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
Di-n-octyl phthalate		No flag	No flag	Set by EPD/EMS
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
Diquat dibromide[b]	µg/L	10	20	Final PDWS (EPA, 1993a)

Analyte	Unit	Flag 1	Flag 2	Source
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
Endosulfan I	µg/L	0.5	1	EPA Method 8080
Endosulfan II	µg/L	0.5	1	EPA Method 8080
Endosulfan sulfate	µg/L	0.5	1	EPA Method 8080
Endothall[b]	µg/L	50	100	Final PDWS (EPA, 1993a)
Endrin	µg/L	1	2	Final PDWS (EPA, 1993a)
Endrin aldehyde	µg/L	0.5	1	EPA Method 8080
Endrin ketone		No flag	No flag	Set by EPD/EMS
Ethylbenzene	µg/L	350	700	Final PDWS (EPA, 1993a)
Ethyl methacrylate	µg/L	50	100	EPA Method 8270
Ethyl methanesulfonate	µg/L	50	100	EPA Method 8270
Europium-152	pCi/L	3E+01	6E+01	Interim Final PDWS (EPA, 1977)
Europium-154	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Europium-155	pCi/L	3E+02	6E+02	Interim Final PDWS (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 PDWS (EPA, 1993a)
Glyphosate[b]	µg/L	350	700	Final PDWS (EPA, 1993a)
Gross alpha	pCi/L	7.5E+00	1.5E+01	Final PDWS (EPA, 1993a)
Heptachlor	µg/L	0.2	0.4	Final PDWS (EPA, 1993a)
Heptachlor epoxide	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
Heptachlorodibenzo-p-dioxin isomers	µg/L	0.00325	0.0065	EPA Method 8280
1,2,3,4,6,7,8-HPCDD	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-HPCDF	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorobenzene	µg/L	0.5	1	Final PDWS (EPA, 1993a)
Hexachlorobutadiene	µg/L	50	100	EPA Method 8270
Hexachlorocyclopentadiene	µg/L	25	50	Final PDWS (EPA, 1993a)
Hexachlorodibenzo-p-dioxin isomers	µg/L	0.00225	0.0045	EPA Method 8280
1,2,3,4,7,8-HXCDD	µg/L	0.00225	0.0045	EPA Method 8280
Hexachlorodibenzo-p-furan isomers	µg/L	0.002	0.004	EPA Method 8280
1,2,3,4,7,8-HXCDF	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	50	100	EPA Method 8240
Indeno[1,2,3-*c,d*]pyrene	µg/L	50	100	EPA Method 8270
Iodine	µg/L	250	500	APHA Method 415A
Iodine-129	pCi/L	5E-01	1E+00	Interim Final PDWS (EPA, 1977)
Iodine-131[c]	pCi/L	1.5E+00	3E+00	Interim Final PDWS (EPA, 1977)
Iodomethane (Methyl iodide)	µg/L	75	150	EPA Method 8240
Iron	µg/L	150	300	SDWS (EPA, 1993b)
Iron, dissolved	µg/L	150	300	SDWS (EPA, 1993b)
Iron, total recoverable	µg/L	150	300	SDWS (EPA, 1993b)
Iron-55[c]	pCi/L	1E+03	2E+03	Interim Final PDWS (EPA, 1977)
Iron-59[c]	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Isobutyl alcohol	µg/L	500	1,000	EPA Method 8240
Isodrin	µg/L	50	100	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source
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[c]	pCi/L	3E+01	6E+01	Interim Final PDWS (EPA, 1977)
Lead	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead, dissolved	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead, total recoverable	µg/L	25	50	Final PDWS (SCDHEC, 1981)
Lead-212	pCi/L	6.2E+01	1.23E+02	Proposed PDWS (EPA, 1991)
Lindane	µg/L	0.1	0.2	Final PDWS (EPA, 1993a)
Lithium	µg/L	25	50	EPA Method 6010
Lithium, dissolved	µg/L	25	50	EPA Method 6010
Lithium, total recoverable	µg/L	25	50	EPA Method 6010
Magnesium		No flag	No flag	Set by EPD/EMS
Magnesium, dissolved		No flag	No flag	Set by EPD/EMS
Magnesium, total recoverable		No flag	No flag	Set by EPD/EMS
Manganese	µg/L	25	50	SDWS (EPA, 1993b)
Manganese, dissolved	µg/L	25	50	SDWS (EPA, 1993b)
Manganese, total recoverable	µg/L	25	50	SDWS (EPA, 1993b)
Manganese-54	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Mercury	µg/L	1	2	Final PDWS (EPA, 1993a)
Mercury, dissolved	µg/L	1	2	Final PDWS (EPA, 1993a)
Mercury, total recoverable	µg/L	1	2	Final PDWS (EPA, 1993a)
Methacrylonitrile	µg/L	250	500	EPA Method 8240
Methapyrilene	µg/L	50	100	EPA Method 8270
Methoxychlor	µg/L	20	40	Final PDWS (EPA, 1993a)
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
Molybdenum, dissolved	µg/L	250	500	EPA Method 6010
Molybdenum, total recoverable	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 PDWS (EPA, 1991)
Nickel	µg/L	50	100	Final PDWS (EPA, 1993a)
Nickel, dissolved	µg/L	50	100	Final PDWS (EPA, 1993a)
Nickel, total recoverable	µg/L	50	100	Final PDWS (EPA, 1993a)
Nickel-59[c]	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Nickel-63[c]	pCi/L	2.5E+01	5E+01	Interim Final PDWS (EPA, 1977)
Niobium-95[c]	pCi/L	1.5E+02	3.E+02	Interim Final PDWS (EPA, 1977)
Nitrate as nitrogen	µg/L	5,000	10,000	Final PDWS (EPA, 1993a)
Nitrate-nitrite as nitrogen	µg/L	5,000	10,000	Final PDWS (EPA, 1993a)
Nitrite as nitrogen	µg/L	500	1,000	Final PDWS (EPA, 1993a)
m-Nitroaniline	µg/L	50	100	EPA Method 8270
o-Nitroaniline	µg/L	50	100	EPA Method 8270
p-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
2-Nitrophenol	µg/L	50	100	EPA Method 8270

Analyte	Unit	Flag 1	Flag 2	Source
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-Nitrosodipropylamine	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	Interim Final PDWS (EPA, 1977)
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
Oxamyl[b]	µg/L	100	200	Final PDWS (EPA, 1993a)
Parathion	µg/L	0.25	0.5	EPA Method 8080
Parathion methyl	µg/L	0.25	0.5	EPA Method 8080
PCB 1016	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1221	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1232	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1242	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1248	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1254	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1260	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
PCB 1262	µg/L	0.25	0.5	Final PDWS (EPA, 1993a)
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-PCDD	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-PCDF	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 PDWS (EPA, 1993a)
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	0.5	1	EPA Method 8080
Picloram[b]	µg/L	250	500	Final PDWS (EPA, 1993a)
2-Picoline	µg/L	50	100	EPA Method 8270
Plutonium-238	pCi/L	3.51E+00	7.02E+00	Proposed PDWS (EPA, 1991)
Plutonium-239	pCi/L	3.11E+01	6.21E+01	Proposed PDWS (EPA, 1991)
Plutonium-239/240[e]	pCi/L	3.11E+01	6.21E+01	Proposed PDWS (EPA, 1991)
Plutonium-240	pCi/L	3.11E+01	6.22E+01	Proposed PDWS (EPA, 1991)
Plutonium-241[c]	pCi/L	3.13E+01	6.26E+01	Proposed PDWS (EPA, 1991)

Analyte	Unit	Flag 1	Flag 2	Source
Plutonium-242[c]	pCi/L	3.27E+01	6.54E+01	Proposed PDWS (EPA, 1991)
Potassium		No flag	No flag	Set by EPD/EMS
Potassium, dissolved		No flag	No flag	Set by EPD/EMS
Potassium, total recoverable		No flag	No flag	Set by EPD/EMS
Potassium-40	pCi/L	1.5E+02	3E+02	Proposed PDWS (EPA, 1986)
Promethium-144	pCi/L	5E+01	1E+02	EPA Method 901.1
Promethium-146	pCi/L	5E+01	1E+02	EPA Method 901.1
Promethium-147	pCi/L	2.62E+03	5.24E+03	Proposed PDWS (EPA, 1991)
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 (alpha-emitting)[f]	pCi/L	1E+01	2E+01	Proposed PDWS (EPA, 1991)
Radium-226	pCi/L	1E+01	2E+01	Proposed PDWS (EPA, 1991)
Radium-228	pCi/L	1E+01	2E+01	Proposed PDWS (EPA, 1991)
Radon-222	pCi/L	1.5E+02	3E+02	Proposed PDWS (EPA, 1991)
Ruthenium-103[c]	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Ruthenium-106	pCi/L	1.5E+01	3E+01	Interim Final PDWS (EPA, 1977)
Safrole	µg/L	50	100	EPA Method 8270
Selenium	µg/L	25	50	Final PDWS (EPA, 1993a)
Selenium, dissolved	µg/L	25	50	Final PDWS (EPA, 1993a)
Selenium, total recoverable	µg/L	25	50	Final PDWS (EPA, 1993a)
Silica		No flag	No flag	Set by EPD/EMS
Silica, dissolved		No flag	No flag	Set by EPD/EMS
Silica, total recoverable		No flag	No flag	Set by EPD/EMS
Silver	µg/L	50	100	SDWS (EPA, 1993b)
Silver, dissolved	µg/L	50	100	SDWS (EPA, 1993b)
Silver, total recoverable	µg/L	50	100	SDWS (EPA, 1993b)
Simazine[b]	µg/L	2	4	Final PDWS (EPA, 1993a)
Sodium		No flag	No flag	Set by EPD/EMS
Sodium, dissolved		No flag	No flag	Set by EPD/EMS
Sodium, total recoverable		No flag	No flag	Set by EPD/EMS
Sodium-22	pCi/L	2.33E+02	4.66E+02	Proposed PDWS (EPA, 1991)
Specific conductance	µS/cm	250	500	Set by EPD/EMS
Strontium-89	pCi/L	1E+01	2E+01	Interim Final PDWS (EPA, 1977)
Strontium-89/90[e]	pCi/L	4E+00	8E+00	Final PDWS (EPA, 1993a)
Strontium-90	pCi/L	4E+00	8E+00	Final PDWS (EPA, 1993a)
Styrene	µg/L	50	100	Final PDWS (EPA, 1993a)
Sulfate	µg/L	200,000	400,000	Proposed PDWS (EPA, 1990)
Sulfide	µg/L	5,000	10,000	EPA Method 9030
Sulfotepp	µg/L	50	100	EPA Method 8270
Surfactants		No flag	No flag	Set by EPD/EMS
2,3,7,8-TCDD	µg/L	0.000015	0.00003	Final PDWS (EPA, 1993a)
2,3,7,8-TCDF	µg/L	0.002	0.004	EPA Method 8280
Technetium-99	pCi/L	4.5E+02	9E+02	Interim Final PDWS (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 PDWS (EPA, 1993a)
2,3,4,6-Tetrachlorophenol	µg/L	50	100	EPA Method 8270
Thallium	µg/L	1	2	Final PDWS (EPA, 1993a)

Analyte	Unit	Flag 1	Flag 2	Source
Thallium, dissolved	µg/L	1	2	Final PDWS (EPA, 1993a)
Thallium, total recoverable	µg/L	1	2	Final PDWS (EPA, 1993a)
Thionazin	µg/L	50	100	EPA Method 8270
Thorium-228	pCi/L	6.25E+01	1.25E+02	Proposed PDWS (EPA, 1991)
Thorium-230	pCi/L	3.96E+01	7.92E+01	Proposed PDWS (EPA, 1991)
Thorium-232	pCi/L	4.4E+01	8.8E+01	Proposed PDWS (EPA, 1991)
Thorium-234	pCi/L	2E+02	4.01E+02	Proposed PDWS (EPA, 1991)
Tin	µg/L	10	20	EPA Method 282.2
Tin, dissolved	µg/L	10	20	EPA Method 282.2
Tin, total recoverable	µg/L	10	20	EPA Method 282.2
Tin-113[c]	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Toluene	µg/L	500	1,000	Final PDWS (EPA, 1993a)
o-Toluidine	µg/L	50	100	EPA Method 8270
Total carbon	µg/L	5,000	10,000	EPA Method 9060
Total coliform		0	0	Final PDWS (EPA, 1993a)
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	APHA Method 420
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
Toxaphene	µg/L	1.5	3	Final PDWS (EPA, 1993a)
2,4,5-TP (Silvex)	µg/L	25	50	Final PDWS (EPA, 1993a)
Tributyl phosphate	µg/L	50	100	EPA Method 8270
1,2,4-Trichlorobenzene	µg/L	35	70	Final PDWS (EPA, 1993a)
1,1,1-Trichloroethane	µg/L	100	200	Final PDWS (EPA, 1993a)
1,1,2-Trichloroethane	µg/L	2.5	5	Final PDWS (EPA, 1993a)
Trichloroethylene	µg/L	2.5	5	Final PDWS (EPA, 1993a)
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 PDWS (EPA, 1993a)
Turbidity[g]		No flag	No flag	Set by EPD/EMS
Uranium	µg/L	10	20	Proposed PDWS (EPA, 1991)
Uranium, dissolved	µg/L	10	20	Proposed PDWS (EPA, 1991)
Uranium, total recoverable	µg/L	10	20	Proposed PDWS (EPA, 1991)
Uranium alpha activity	pCi/L	1.5E+01	3E+01	Proposed PDWS (EPA, 1991)
Uranium-233/234[e]	pCi/L	6.9E+00	1.38E+01	Proposed PDWS (EPA, 1991)
Uranium-234	pCi/L	6.95E+00	1.39E+01	Proposed PDWS (EPA, 1991)
Uranium-235	pCi/L	7.25E+00	1.45E+01	Proposed PDWS (EPA, 1991)
Uranium-238	pCi/L	7.3E+00	1.46E+01	Proposed PDWS (EPA, 1991)
Vanadium	µg/L	40	80	EPA Method 6010
Vanadium, dissolved	µg/L	40	80	EPA Method 6010
Vanadium, total recoverable	µg/L	40	80	EPA Method 6010
Vinyl acetate	µg/L	5	10	EPA Method 8240

Analyte	Unit	Flag 1	Flag 2	Source
Xylenes	µg/L	5,000	10,000	Final PDWS (EPA, 1993a)
Yttrium-88	pCi/L	5E+01	1E+02	EPA Method 901.1
Zinc	µg/L	2,500	5,000	SDWS (EPA, 1993b)
Zinc, dissolved	µg/L	2,500	5,000	SDWS (EPA, 1993b)
Zinc, total recoverable	µg/L	2,500	5,000	SDWS (EPA, 1993b)
Zinc-65	pCi/L	1.5E+02	3E+02	Interim Final PDWS (EPA, 1977)
Zirconium-95[c]	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)
Zirconium/Niobium-95[c]	pCi/L	1E+02	2E+02	Interim Final PDWS (EPA, 1977)

[a] References for methods are in Appendix E; references for dated sources are at the end of this appendix.
[b] EMS is currently unable to perform this analysis.
[c] EMS discontinued monitoring this radionuclide because it is inappropriate for the SRS Groundwater Monitoring Program.
[d] EPD/EMS set this flagging criterion using the 1991 proposed PDWS because the final PDWS in 1977 may have been in error.
[e] For double radionuclide analyses where each separate radionuclide has its own standard, the more stringent standard is used.
[f] The applied standard is for radium-226.
[g] The primary maximum contaminant level range for turbidity is 1–5 NTU, which is inappropriate for the SRS Groundwater Monitoring Program.

References

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